

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082979.D
 Acq On : 17 Nov 2015 21:33
 Operator : UM/IZ
 Sample : G4426-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Manual Integrations
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mohammad
 11/19/2015 8:25:19 AM

Quant Time: Nov 18 06:25:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	167005m	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	626314	20.00	ng	-0.10
38) Acenaphthene-d10	9.80	164	311466	20.00	ng	-0.09
63) Phenanthrene-d10	11.28	188	593109	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	422297	20.00	ng	-0.11
86) Perylene-d12	15.30	264	359463	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1394605	129.93	ng	-0.08
7) Phenol-d6	6.42	99	1933760	135.52	ng	-0.07
23) Nitrobenzene-d5	7.32	82	1157762	80.43	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	407224	114.03	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1806134	83.11	ng	-0.09
78) Terphenyl-d14	12.86	244	1681844	94.46	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	199912	43.17	ng	95
3) Pyridine	3.02	79	627860	46.72	ng	93
4) n-Nitrosodimethylamine	2.97	42	293507	44.04	ng	# 75
6) Aniline	6.42	93	492926m	24.60	ng	
8) 2-Chlorophenol	6.54	128	496442	41.72	ng	# 79
9) Benzaldehyde	6.29	77	46456m	5.89	ng	
10) Phenol	6.43	94	853016	52.68	ng	84
11) bis(2-Chloroethyl)ether	6.50	93	559023	46.17	ng	89
12) 1,3-Dichlorobenzene	6.69	146	519727m	38.73	ng	
13) 1,4-Dichlorobenzene	6.77	146	566887	40.60	ng	96
14) 1,2-Dichlorobenzene	6.93	146	513490	40.44	ng	95
15) Benzyl Alcohol	6.91	79	541562	43.22	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	844724	47.56	ng	92
17) 2-Methylphenol	7.04	107	479604	47.59	ng	97
18) Hexachloroethane	7.28	117	215807m	43.22	ng	
19) n-Nitroso-di-n-propylamine	7.18	70	465418m	44.37	ng	
20) 3+4-Methylphenols	7.18	107	557810	42.57	ng	# 64
22) Acetophenone	7.17	105	818300	45.60	ng	98
24) Nitrobenzene	7.34	77	705009	47.90	ng	95
25) Isophorone	7.58	82	1156250	43.41	ng	98
26) 2-Nitrophenol	7.66	139	292620	47.63	ng	# 56
27) 2,4-Dimethylphenol	7.71	122	417024	37.77	ng	96
28) bis(2-Chloroethoxy)methane	7.80	93	707090	47.07	ng	98
29) 2,4-Dichlorophenol	7.92	162	451506	45.25	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	451391	40.23	ng	98
31) Naphthalene	8.06	128	1427967	41.32	ng	99
32) Benzoic acid	7.81	122	112740	14.92	ng	96
33) 4-Chloroaniline	8.11	127	176773	11.87	ng	91
34) Hexachlorobutadiene	8.19	225	284868	40.57	ng	100
35) Caprolactam	8.49	113	167393m	53.21	ng	
36) 4-Chloro-3-methylphenol	8.61	107	502912	42.86	ng	91
37) 2-Methylnaphthalene	8.76	142	955542m	42.75	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	395751	38.66	ng	98
40) Hexachlorocyclopentadiene	8.92	237	505395	91.91	ng	97

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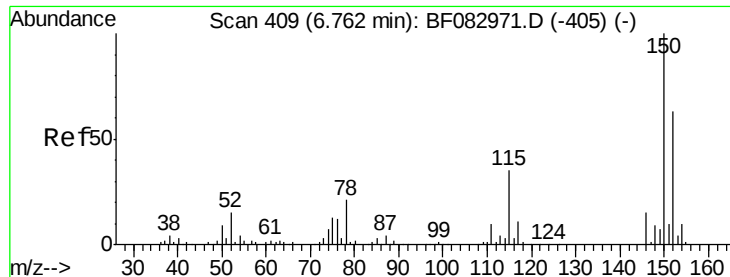
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	317332	41.53	ng	98
43) 2,4,5-Trichlorophenol	9.09	196	353670	46.80	ng #	82
45) 1,1'-Biphenyl	9.22	154	1056833	39.54	ng	94
46) 2-Chloronaphthalene	9.24	162	839797	40.28	ng	96
47) 2-Nitroaniline	9.34	65	376931	48.74	ng #	75
48) Acenaphthylene	9.66	152	1415033	43.31	ng	97
49) Dimethylphthalate	9.54	163	1592008	62.39	ng #	98
50) 2,6-Dinitrotoluene	9.58	165	217476	39.94	ng	90
51) Acenaphthene	9.84	154	977994	47.23	ng	99
52) 3-Nitroaniline	9.76	138	176048	29.40	ng #	68
53) 2,4-Dinitrophenol	9.86	184	186300	62.32	ng #	25
54) Dibenzofuran	10.01	168	1320473	47.30	ng #	87
55) 4-Nitrophenol	9.94	139	373776	81.36	ng	84
56) 2,4-Dinitrotoluene	10.00	165	335049	45.35	ng #	70
57) Fluorene	10.35	166	980792	43.38	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	256968	41.67	ng #	88
59) Diethylphthalate	10.24	149	1085750	43.58	ng	97
60) 4-Chlorophenyl-phenylether	10.34	204	443710	39.22	ng #	89
61) 4-Nitroaniline	10.37	138	267869	44.48	ng #	77
62) Azobenzene	10.50	77	1235483	46.16	ng	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	157520	37.28	ng #	56
65) n-Nitrosodiphenylamine	10.46	169	914775	42.69	ng	98
66) 4-Bromophenyl-phenylether	10.83	248	304785	42.68	ng #	91
67) Hexachlorobenzene	10.90	284	326157	40.90	ng #	61
68) Atrazine	10.99	200	261124	39.41	ng	97
69) Pentachlorophenol	11.09	266	343571	70.95	ng	99
70) Phenanthrene	11.30	178	1308602	37.99	ng	99
71) Anthracene	11.36	178	1540333	42.45	ng	100
72) Carbazole	11.50	167	1323792	41.68	ng	98
73) Di-n-butylphthalate	11.85	149	1470388	37.16	ng	99
74) Fluoranthene	12.49	202	1557511	42.14	ng	99
76) Benzidine	12.61	184	550246	38.88	ng	96
77) Pyrene	12.72	202	1606605	55.40	ng	98
79) Butylbenzylphthalate	13.34	149	735720	57.42	ng #	82
80) Benzo(a)anthracene	13.89	228	1268790	48.05	ng	98
81) 3,3'-Dichlorobenzidine	13.86	252	211083	22.48	ng	98
82) Chrysene	13.94	228	1272664	52.62	ng	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	866457	49.41	ng	99
84) Di-n-octyl phthalate	14.52	149	1427182	48.79	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	947062	45.46	ng #	96
87) Benzo(b)fluoranthene	14.91	252	959502m	41.58	ng	
88) Benzo(k)fluoranthene	14.95	252	976599m	47.71	ng	
89) Benzo(a)pyrene	15.24	252	888450	44.44	ng #	97
90) Dibenzo(a,h)anthracene	16.65	278	799173	47.21	ng #	98
91) Benzo(g,h,i)perylene	17.04	276	799303	49.30	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng m

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082979.D

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Instrument :

BNA_F

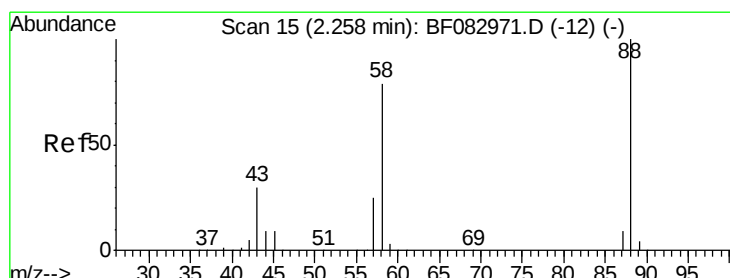
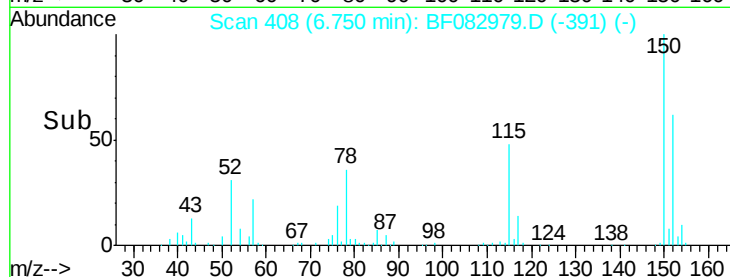
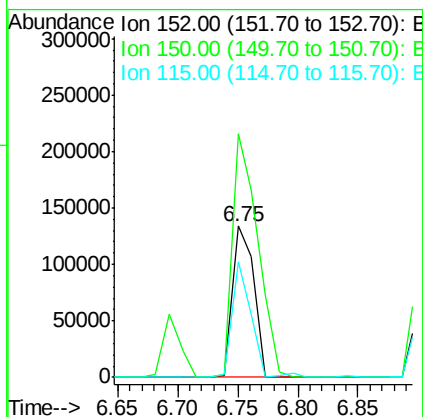
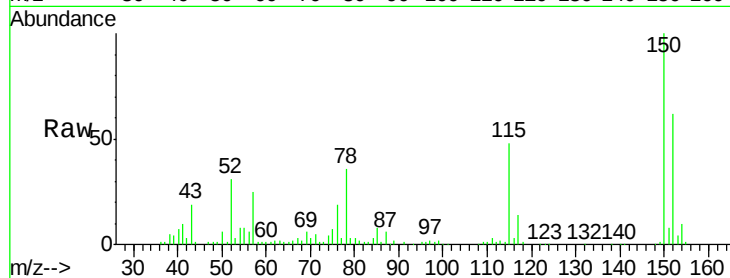
ClientSampleId :

SB-1MS

Tgt Ion:	152	Resp:	167005
Ion Ratio	Lower	Upper	
152	100		
150	161.0	127.0	190.4
115	76.5	47.0	70.6#

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#2

1,4-Dioxane

Concen: 43.17 ng

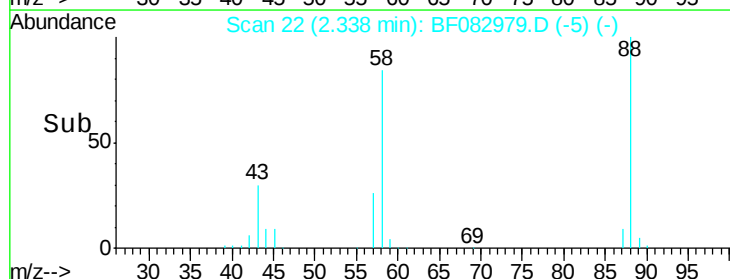
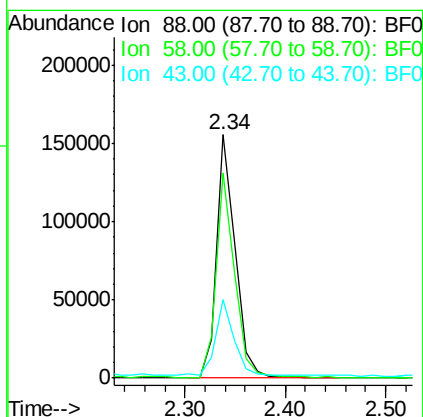
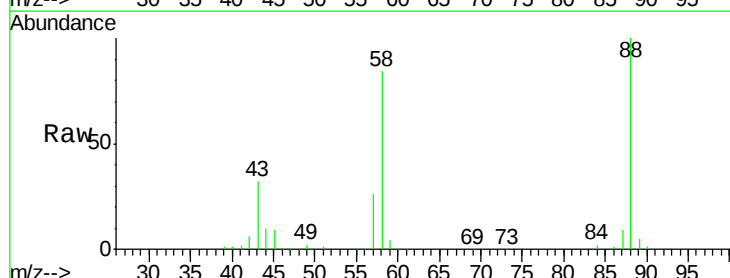
RT: 2.34 min Scan# 22

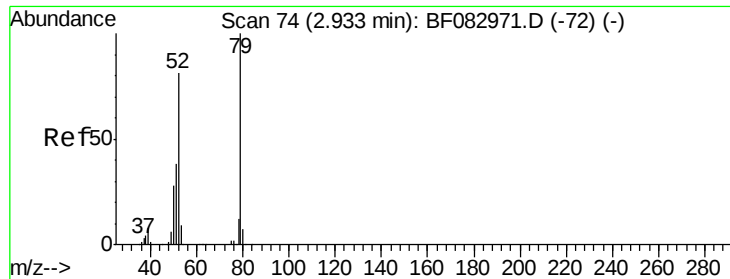
Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	88	Resp:	199912
Ion Ratio	Lower	Upper	
88	100		
58	82.8	62.0	93.0
43	31.1	26.6	40.0





#3

Pyridine

Concen: 46.72 ng

RT: 3.02 min Scan# 82

Delta R.T. -0.13 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

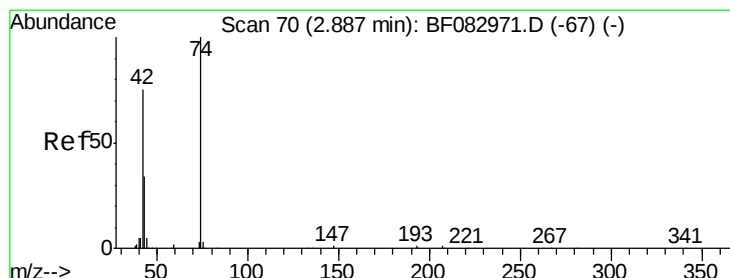
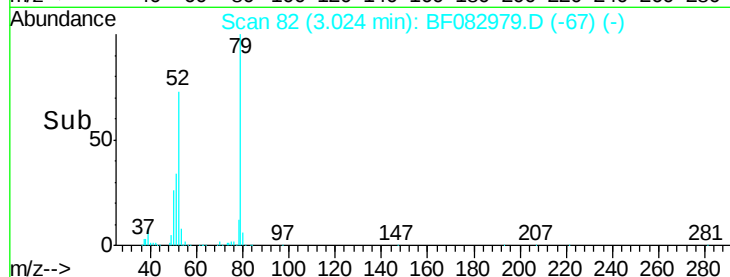
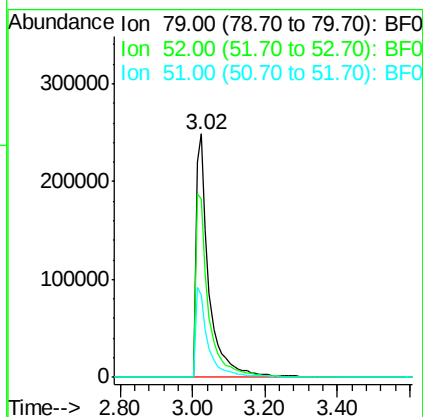
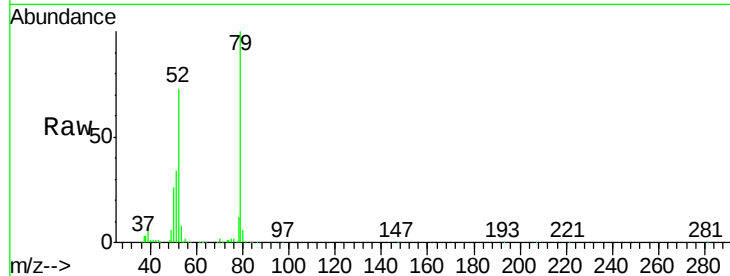
ClientSampleId :

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Tgt Ion:	79	Resp:	627860
Ion	Ratio	Lower	Upper
79	100		
52	73.4	62.8	94.2
51	34.0	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 44.04 ng

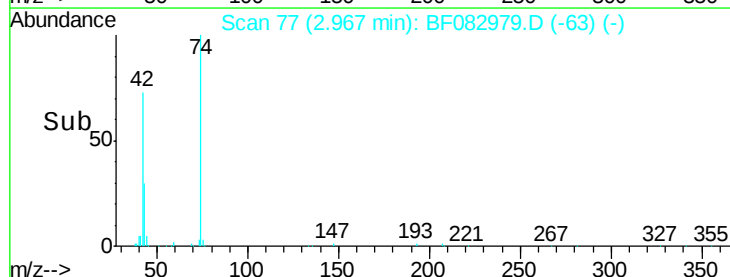
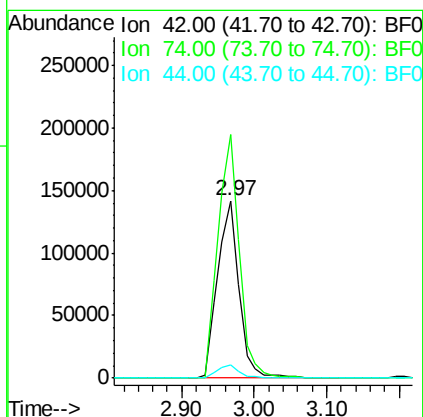
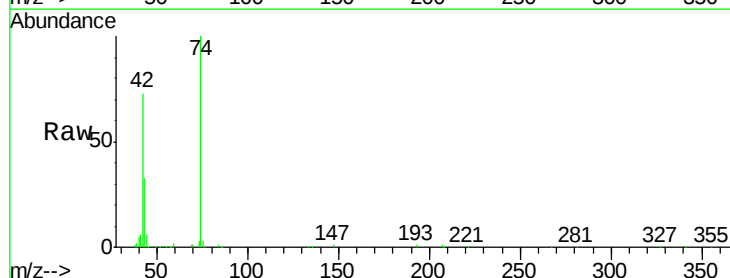
RT: 2.97 min Scan# 77

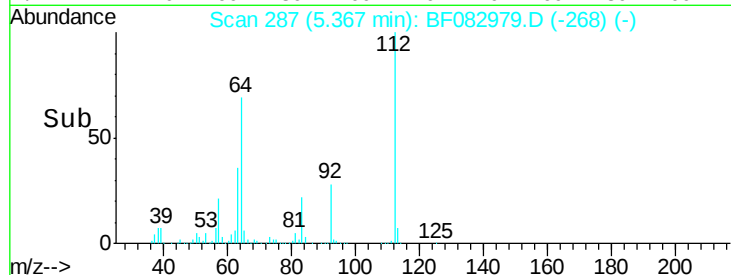
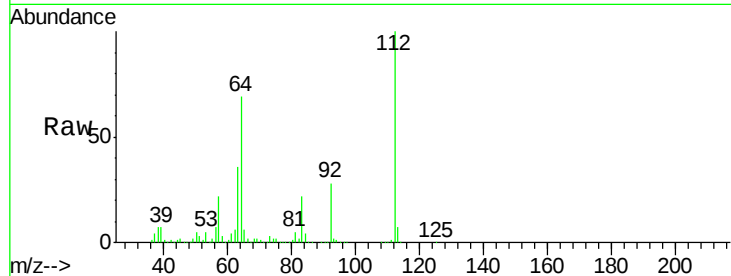
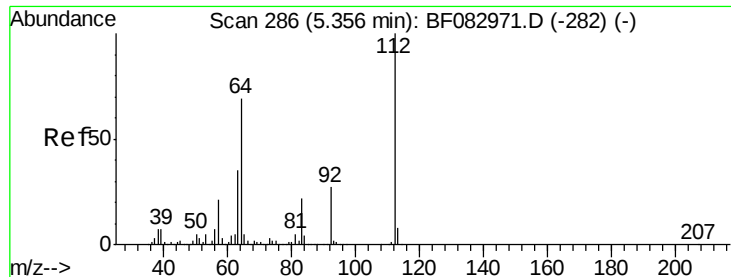
Delta R.T. -0.14 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	42	Resp:	293507
Ion	Ratio	Lower	Upper
42	100		
74	137.1	87.0	130.4#
44	7.6	5.8	8.8





#5

2-Fluorophenol

Concen: 129.93 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

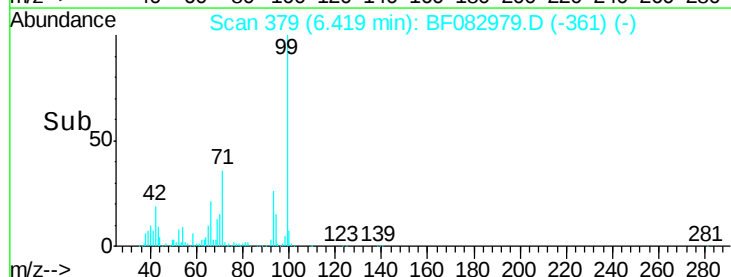
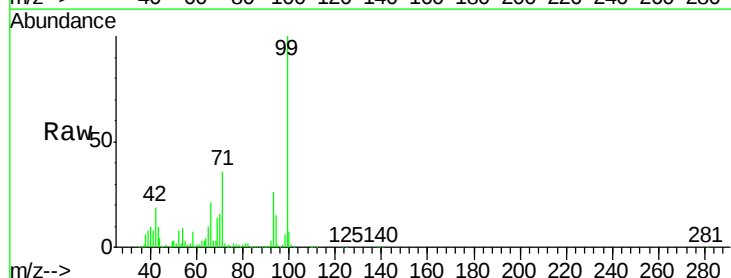
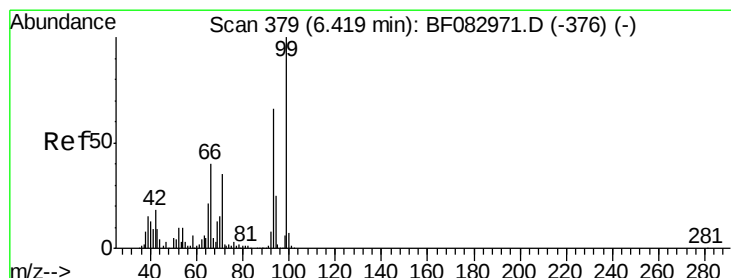
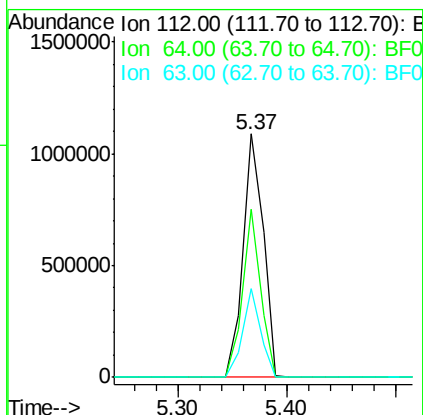
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Tgt Ion:	112	Resp:	1394605
Ion	Ratio	Lower	Upper
112	100		
64	68.9	48.9	73.3
63	36.2	28.1	42.1



#6

Aniline

Concen: 24.60 ng m

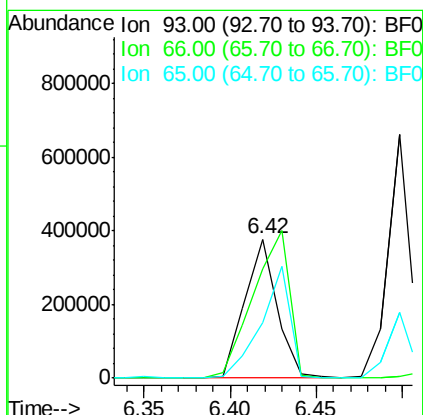
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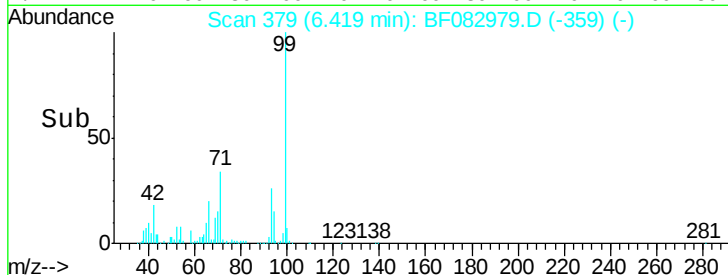
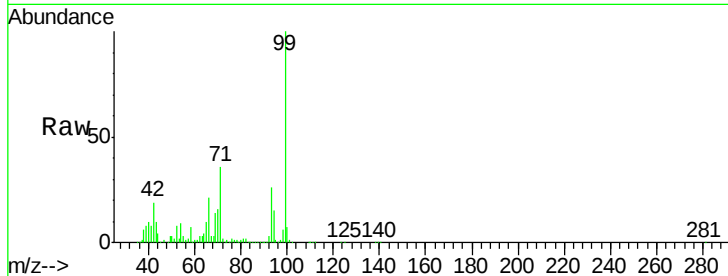
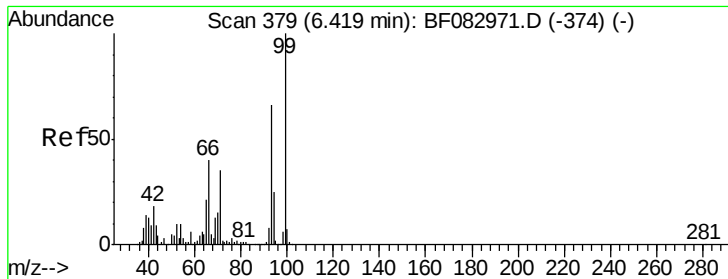
Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	93	Resp:	492926
Ion	Ratio	Lower	Upper
93	100		
66	79.2	33.6	50.4#
65	39.7	18.1	27.1#





#7

Phenol-d6

Concen: 135.52 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.07 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	99	Resp:	1933760
Ion	Ratio	Lower	Upper
99	100		
42	18.9	19.2	28.8#
71	36.0	35.0	52.4

Instrument :

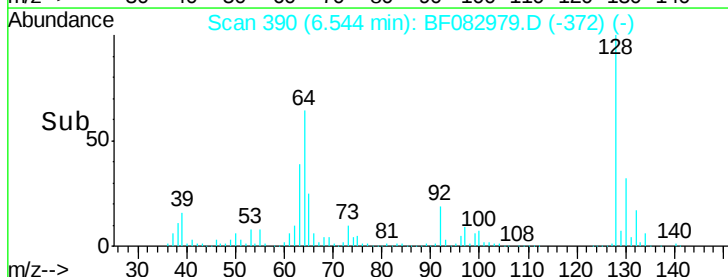
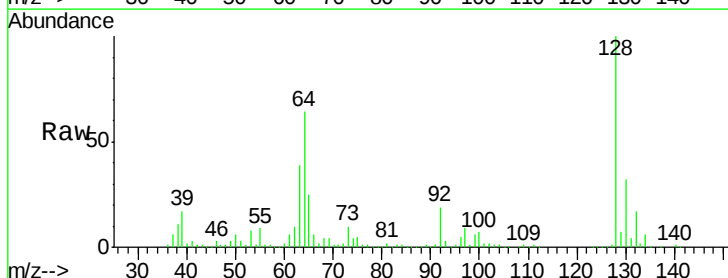
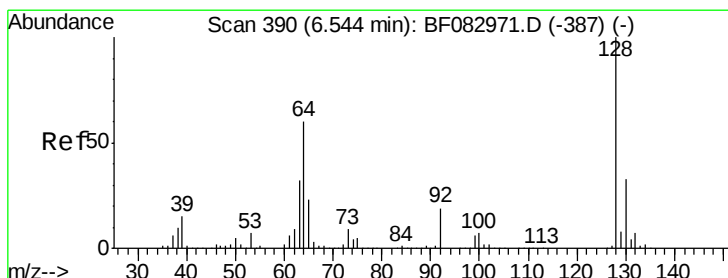
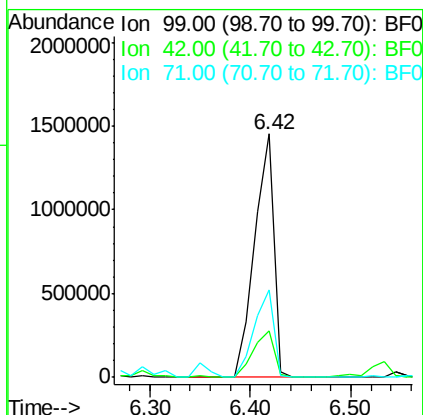
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#8

2-Chlorophenol

Concen: 41.72 ng

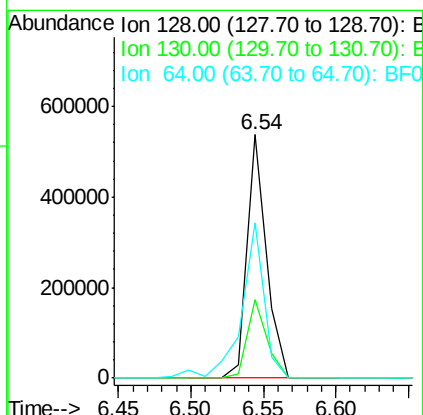
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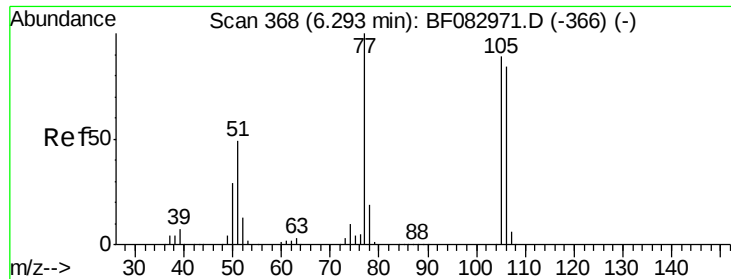
Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	128	Resp:	496442
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.5	53.5
64	64.0	21.1	61.1#





#9

Benzaldehyde

Concen: 5.89 ng m

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

Lab File: BF082979.D

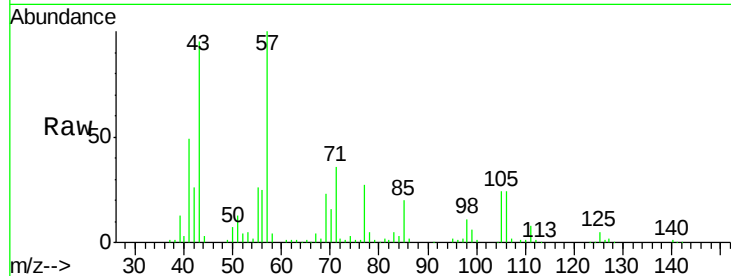
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Instrument :

BNA_F

ClientSampleId :

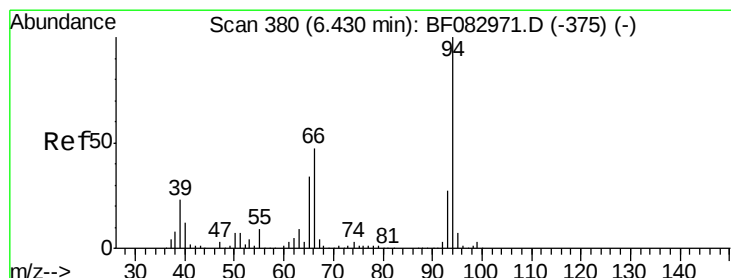
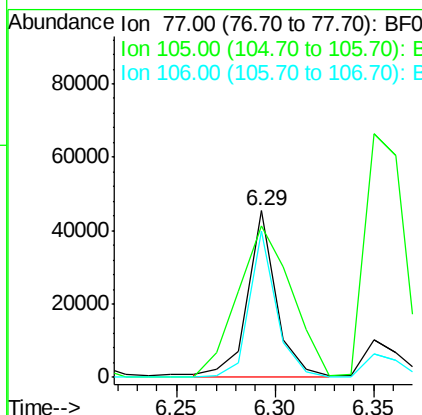
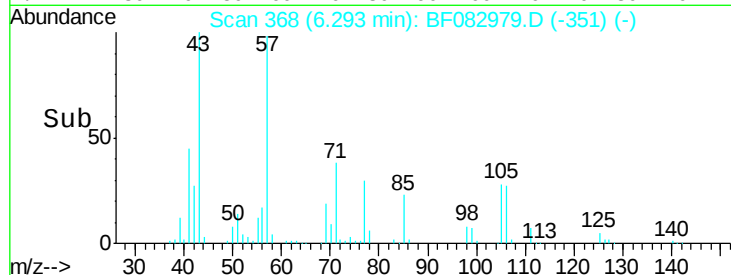
SB-1MS



Tgt Ion:	77	Resp:	46456
Ion Ratio	Lower	Upper	
77	100		
105	91.1	63.5	103.5
106	87.8	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 52.68 ng

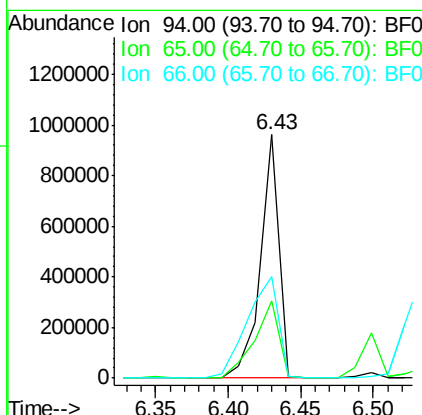
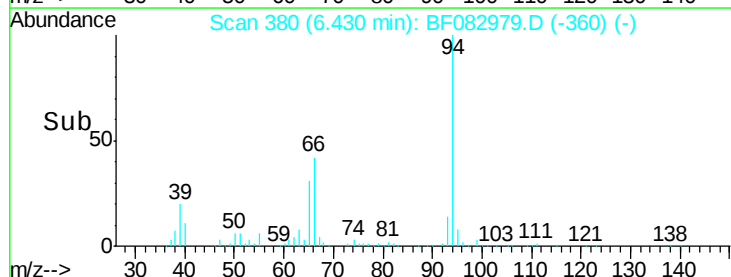
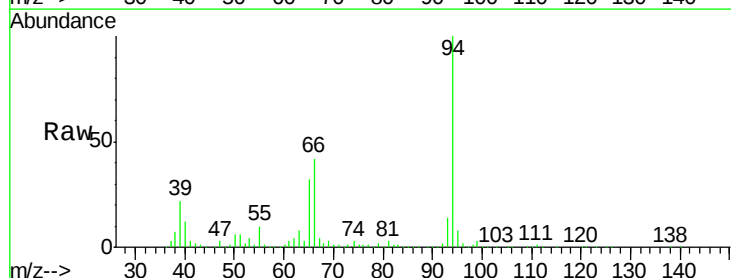
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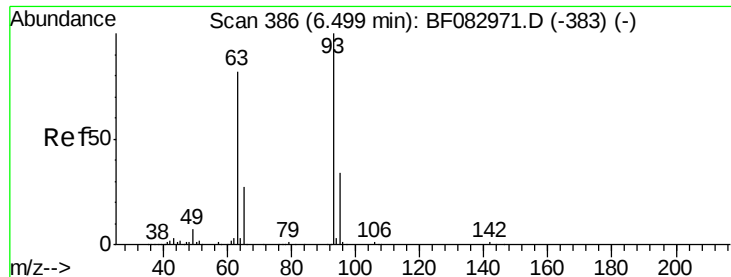
Delta R.T. -0.07 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	94	Resp:	853016
Ion Ratio	Lower	Upper	
94	100		
65	31.5	18.9	58.9
66	41.7	34.9	74.9





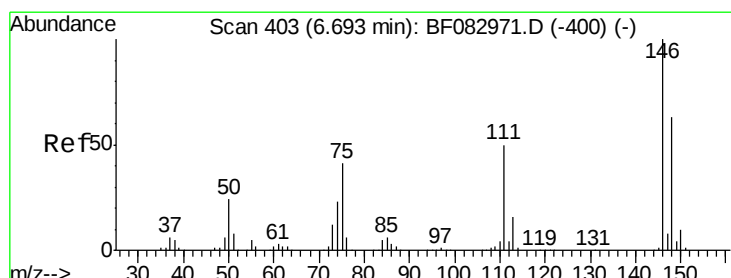
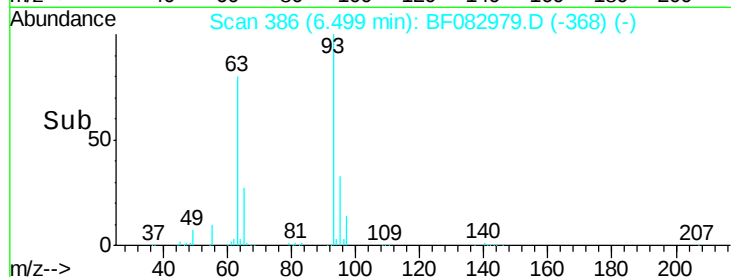
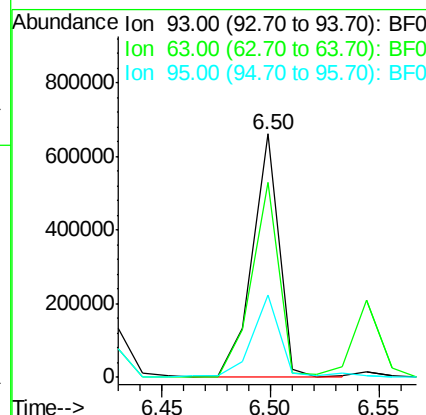
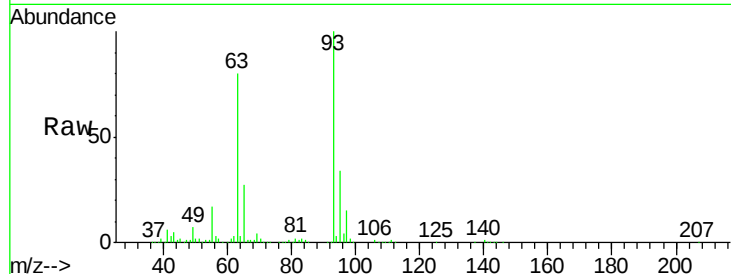
#11
bis(2-Chloroethyl)ether
Concen: 46.17 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	80.2	72.7	112.7
95	33.9	12.0	52.0

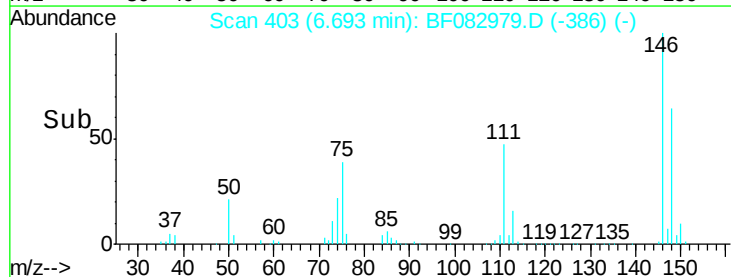
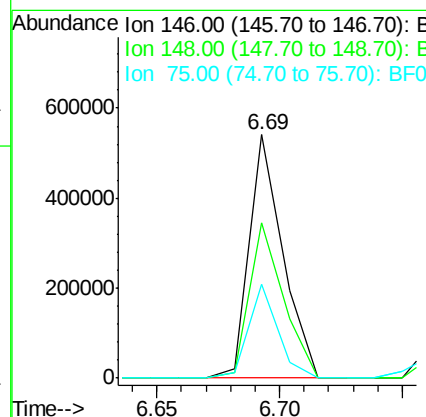
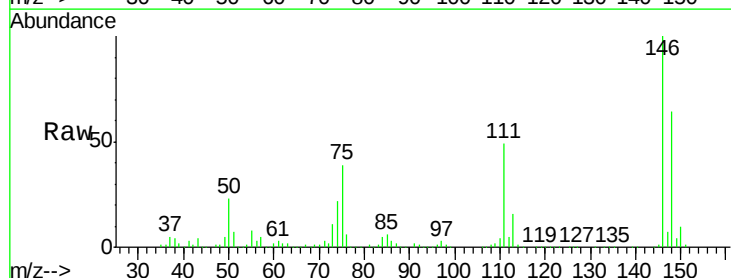
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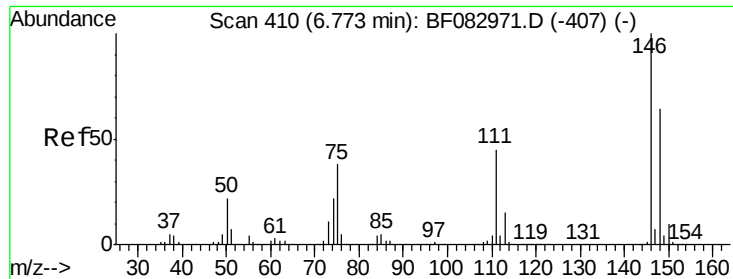
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.73 ng m
RT: 6.69 min Scan# 403
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
75	38.7	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 40.60 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

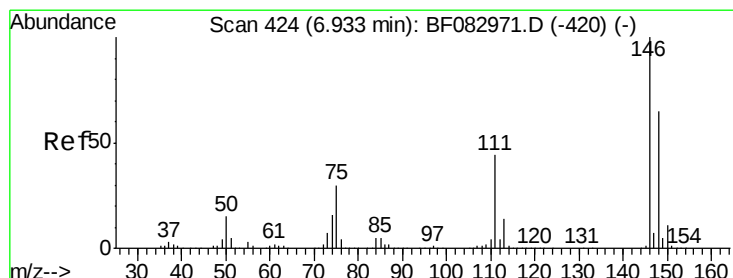
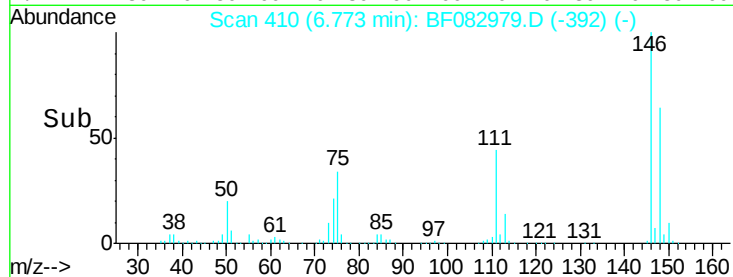
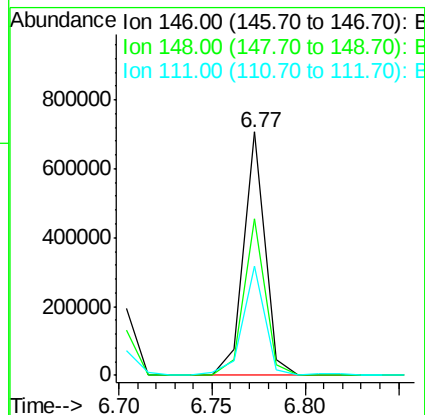
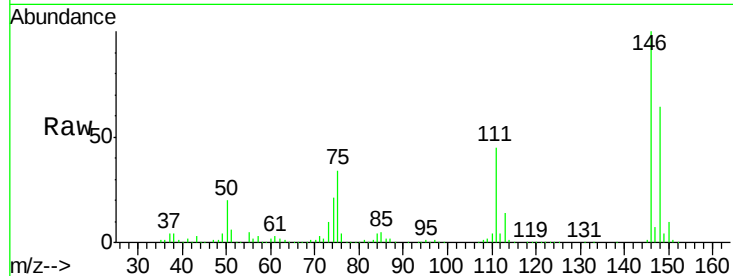
ClientSampleId :

SB-1MS

Tgt Ion:	146	Resp:	566887
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	44.7	40.6	60.8

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#14

1,2-Dichlorobenzene

Concen: 40.44 ng

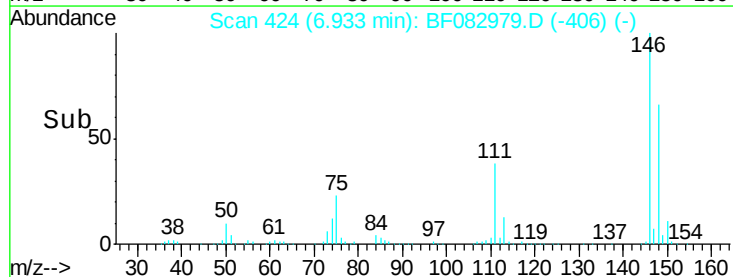
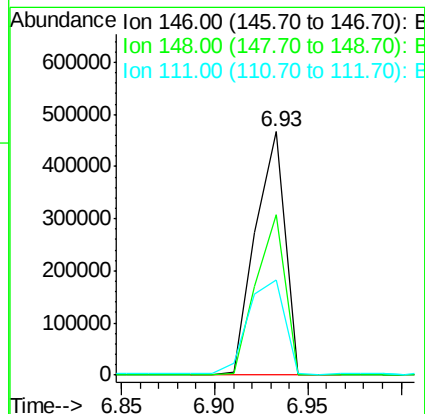
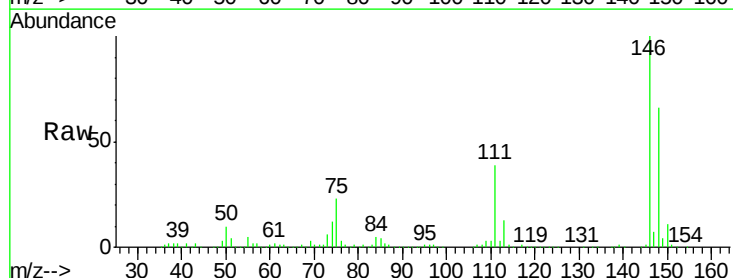
RT: 6.93 min Scan# 424

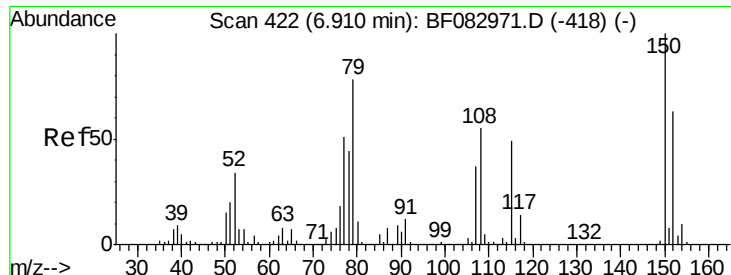
Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	146	Resp:	513490
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.2	78.4
111	38.8	36.6	55.0





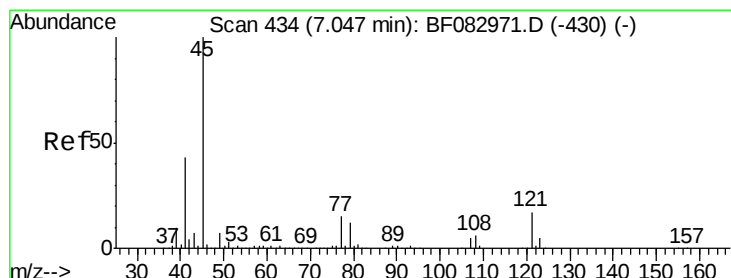
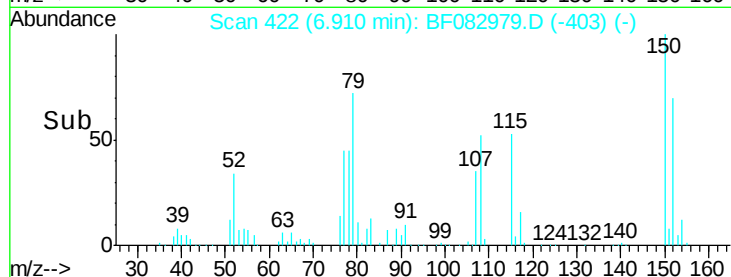
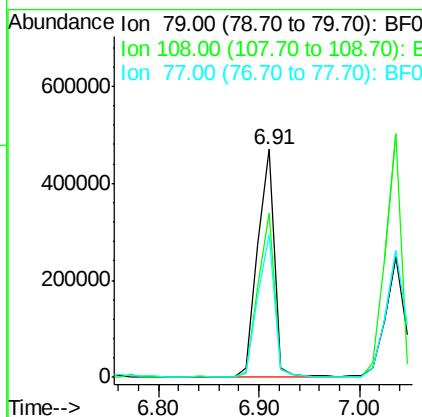
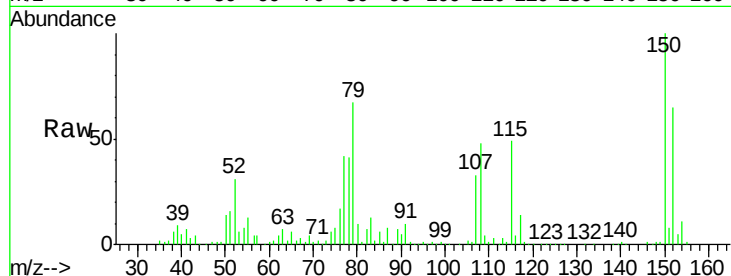
#15
Benzyl Alcohol
Concen: 43.22 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	72.0	52.2	78.4
77	62.6	52.7	79.1

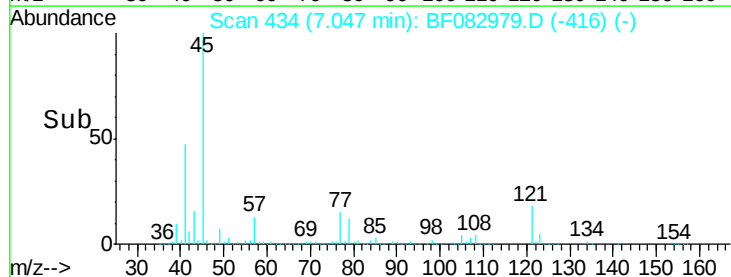
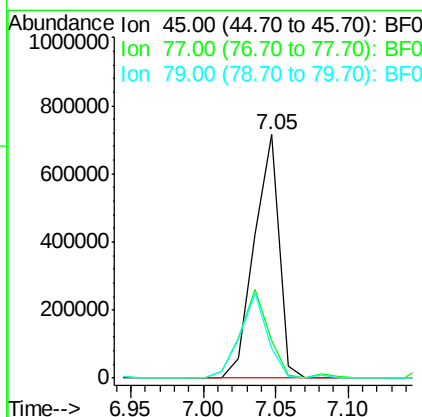
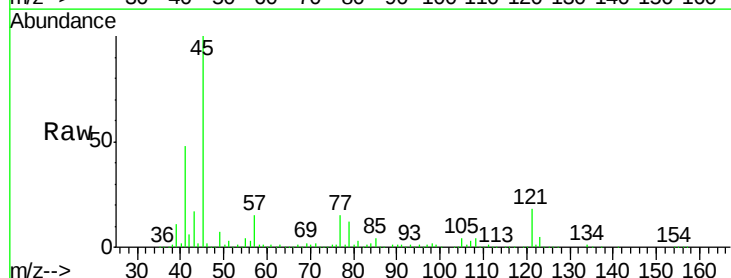
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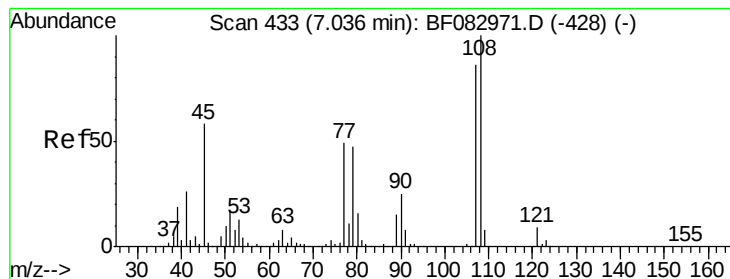
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.56 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	32.6
79	12.3	0.0	29.2





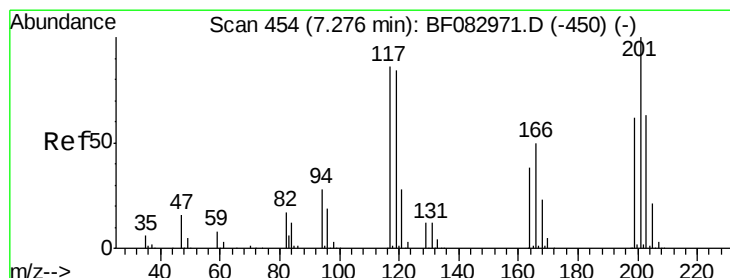
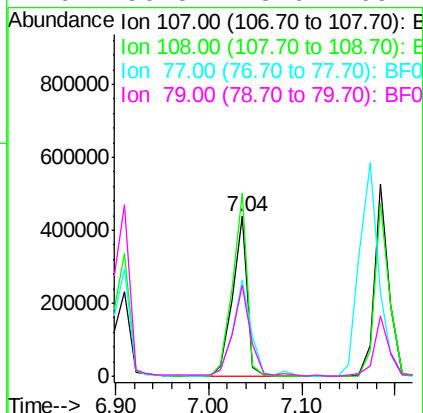
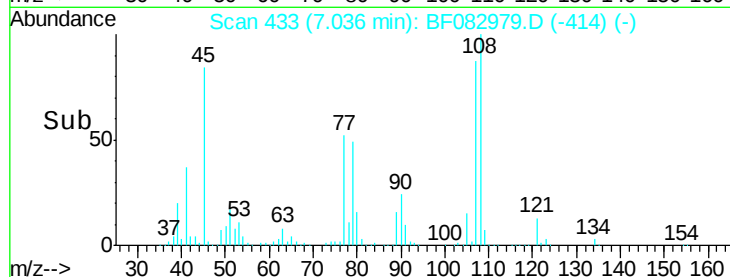
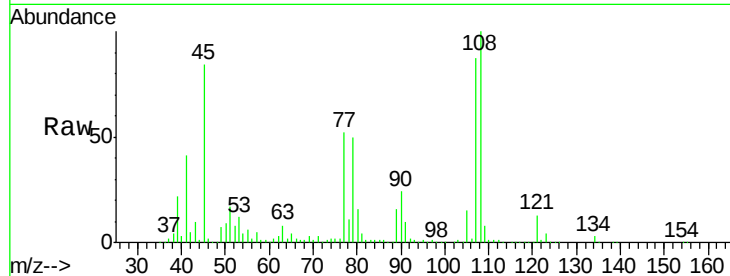
#17
2-Methylphenol
Concen: 47.59 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	479604		
108	114.8	93.0	139.4	
77	60.0	44.1	66.1	
79	56.8	43.6	65.4	

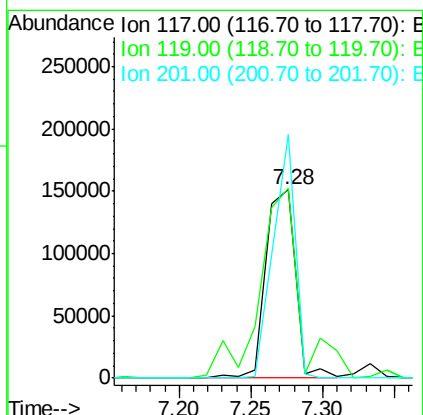
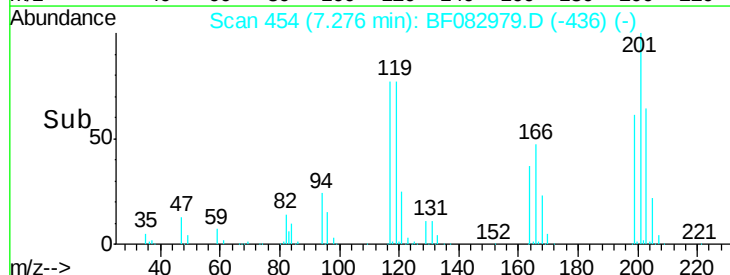
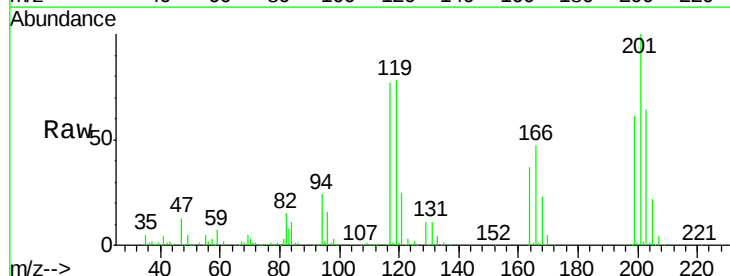
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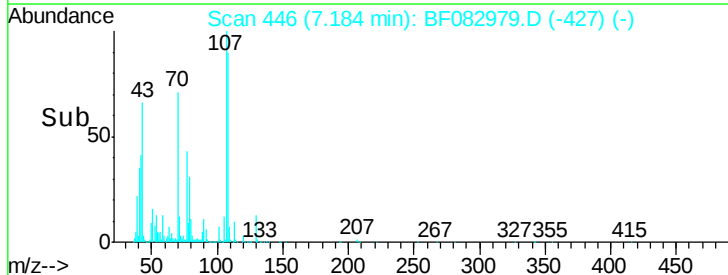
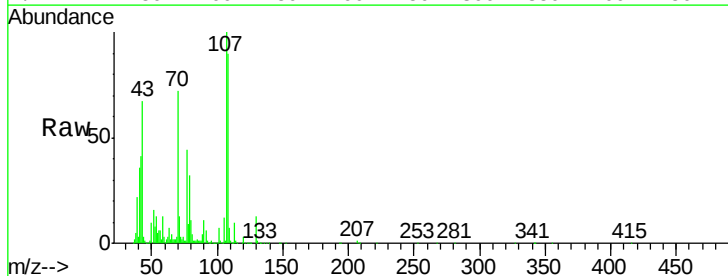
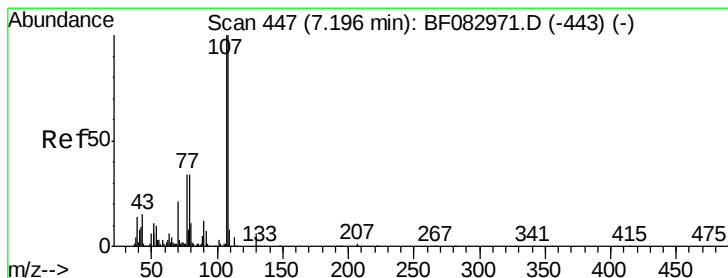
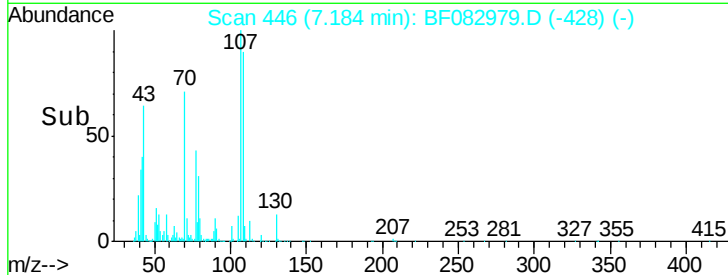
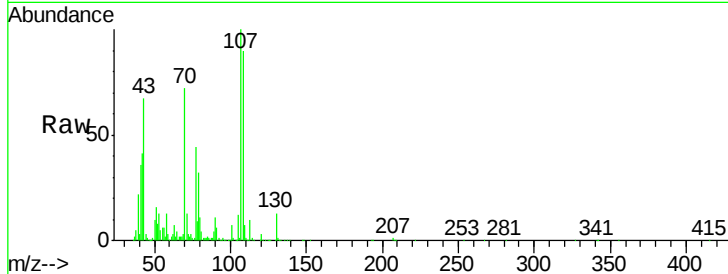
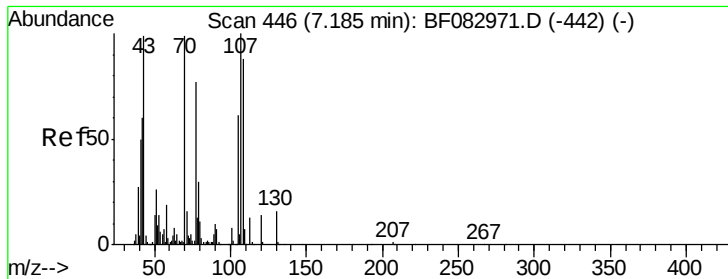
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#18
Hexachloroethane
Concen: 43.22 ng m
RT: 7.28 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	215807		
119	100.7	77.7	116.5	
201	129.5	66.7	100.1#	





#19

n-Nitroso-di-n-propylamine

Concen: 44.37 ng m

RT: 7.18 min Scan# 446

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

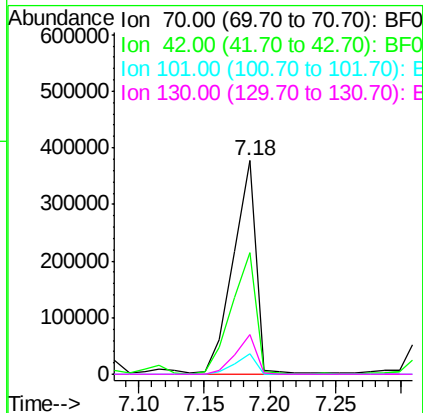
ClientSampleId :

SB-1MS

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.7	57.7	86.5#
101	9.4	7.0	10.6
130	18.4	11.8	17.6#



#20

3+4-Methylphenols

Concen: 42.57 ng

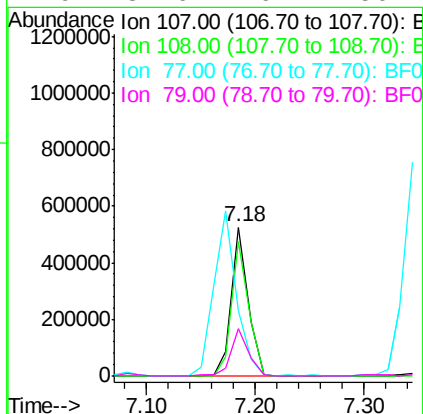
RT: 7.18 min Scan# 446

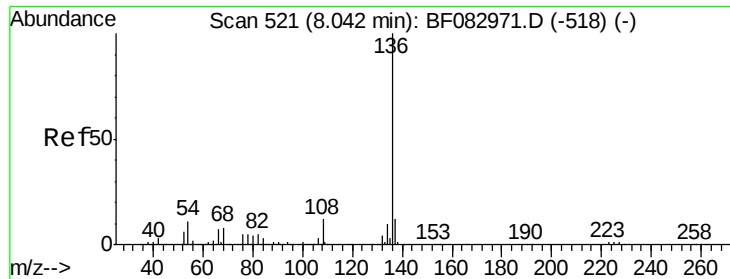
Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	67.3	107.3
77	43.6	100.3	140.3#
79	31.6	16.2	56.2





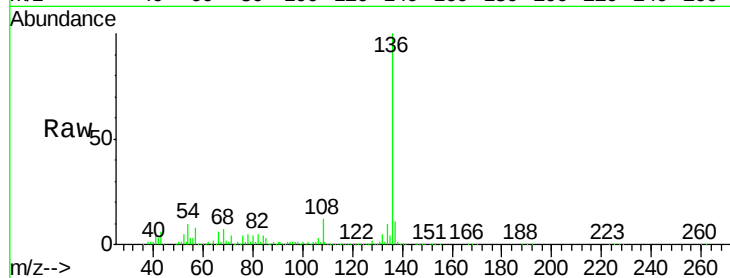
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleID :
SB-1MS

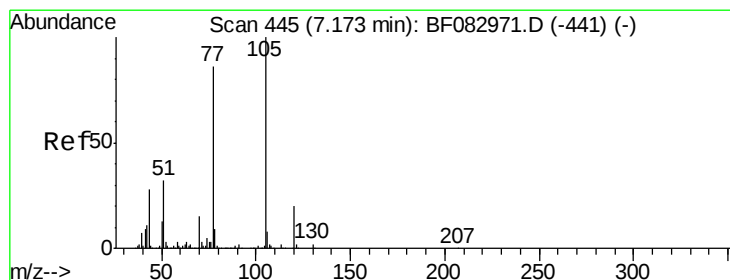
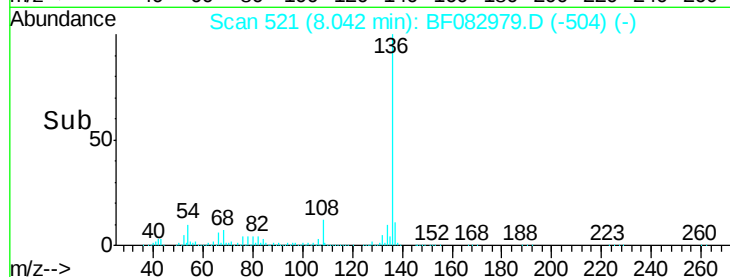
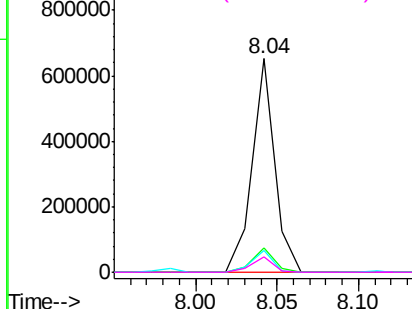
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.5	9.1	13.7
54	10.0	9.1	13.7
68	6.9	4.8	7.2

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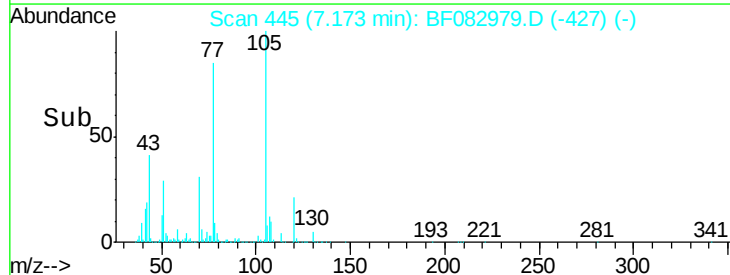
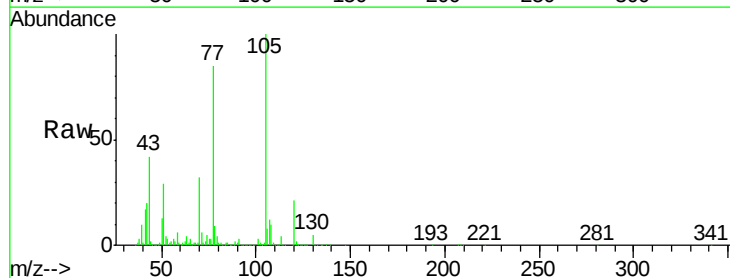
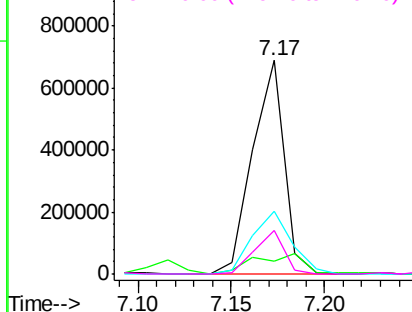
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

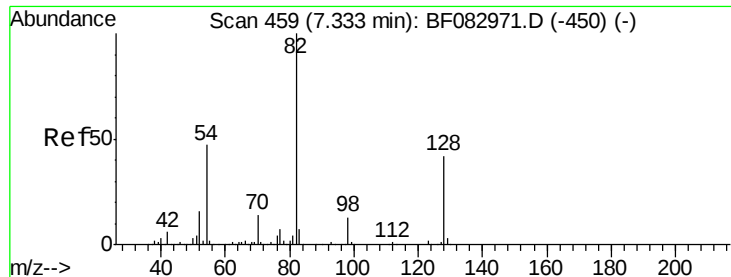


#22
Acetophenone
Concen: 45.60 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	6.1	5.6	8.4
51	29.5	24.9	37.3
120	20.6	15.8	23.8

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





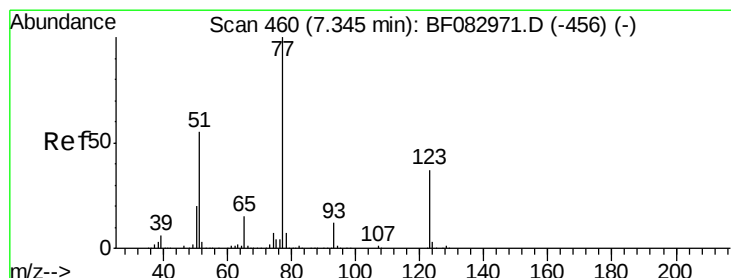
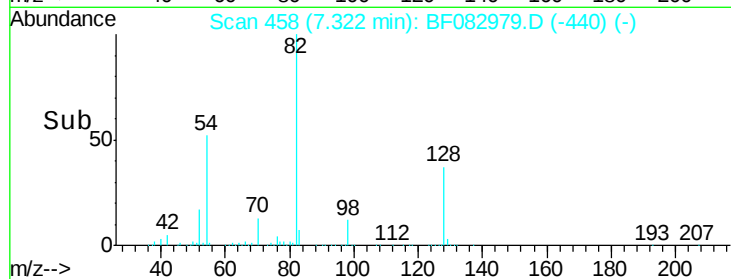
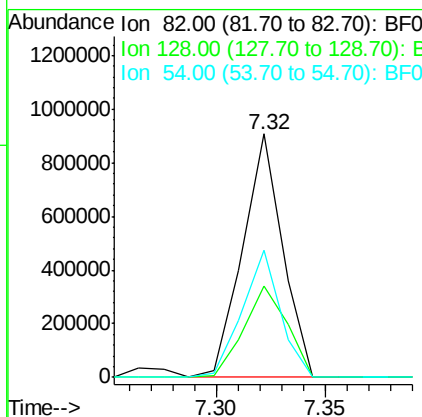
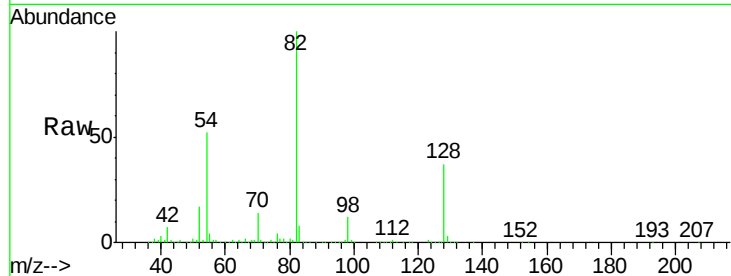
#23
Nitrobenzene-d5
Concen: 80.43 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.8	40.2
54	52.4	45.7	68.5

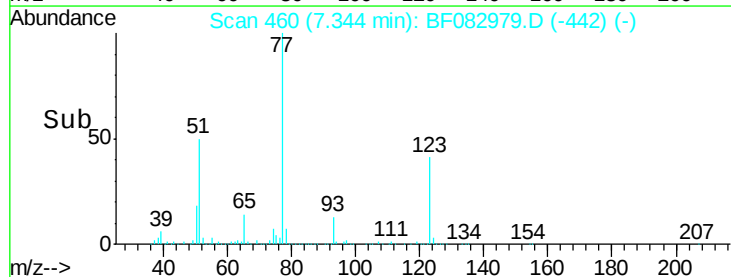
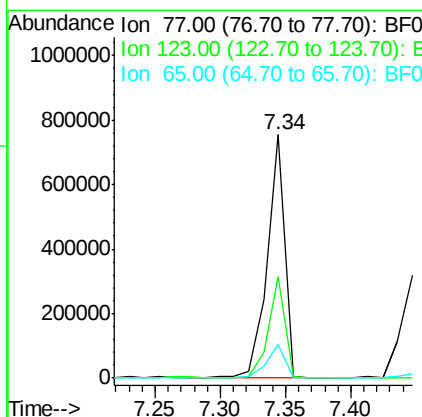
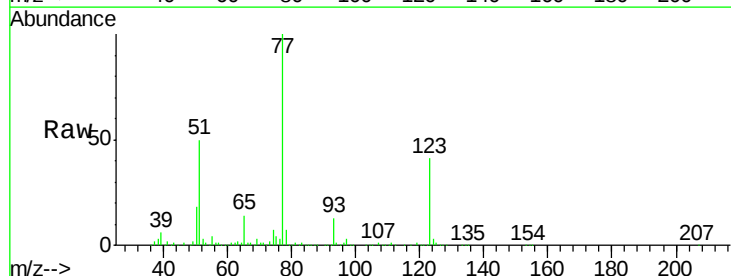
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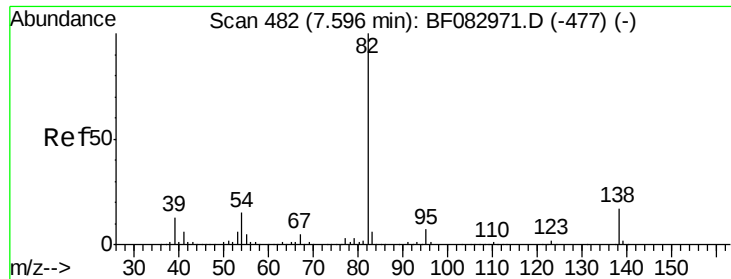
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#24
Nitrobenzene
Concen: 47.90 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	36.4	54.6
65	14.0	11.5	17.3





#25

Isophorone

Concen: 43.41 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion: 82 Resp: 1156250

Ion Ratio Lower Upper

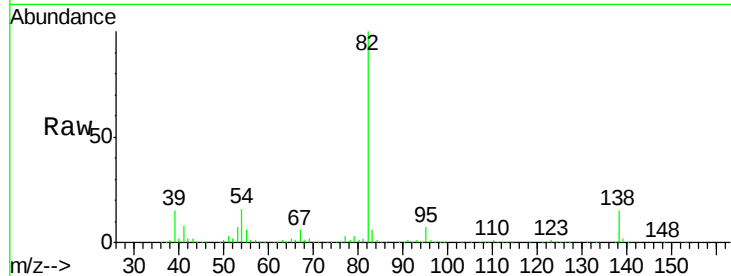
82 100

95 7.3 6.6 9.8

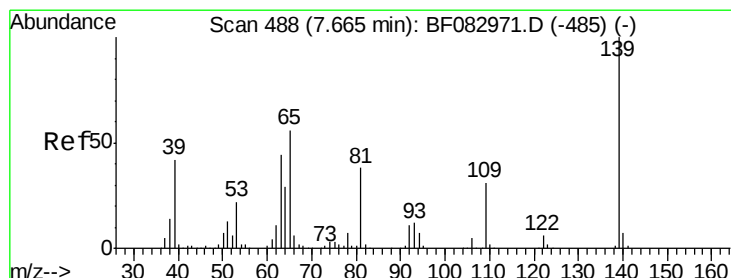
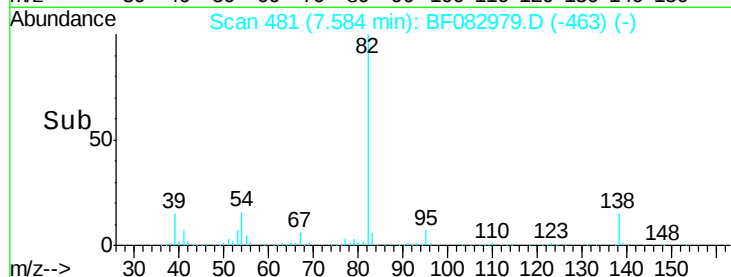
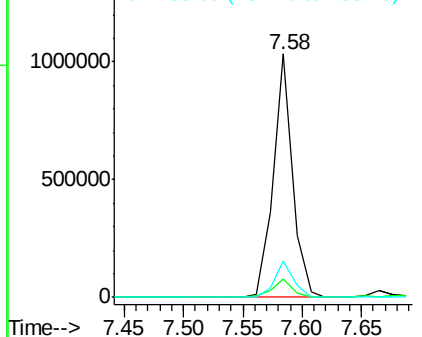
138 14.8 11.4 17.0

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.63 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

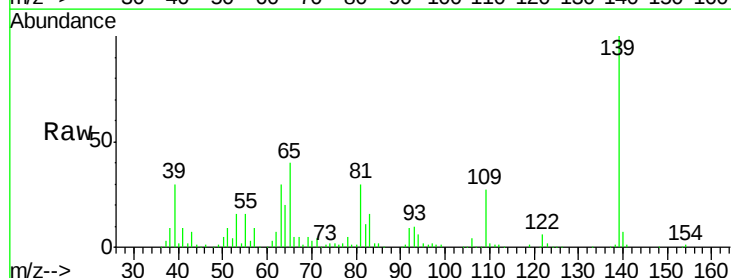
Tgt Ion: 139 Resp: 292620

Ion Ratio Lower Upper

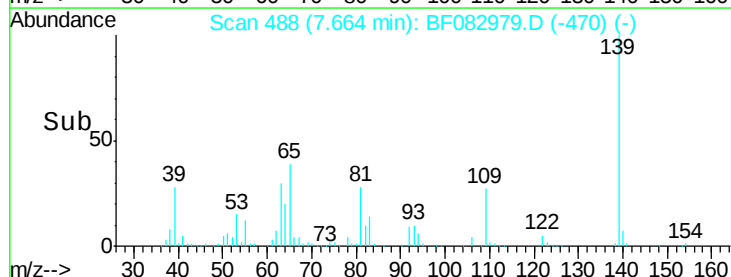
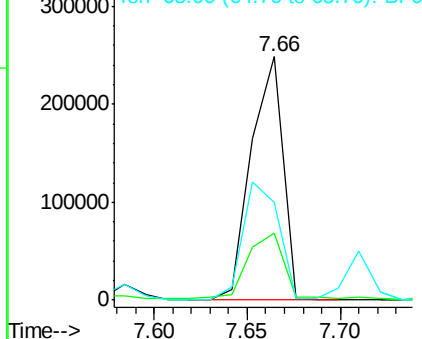
139 100

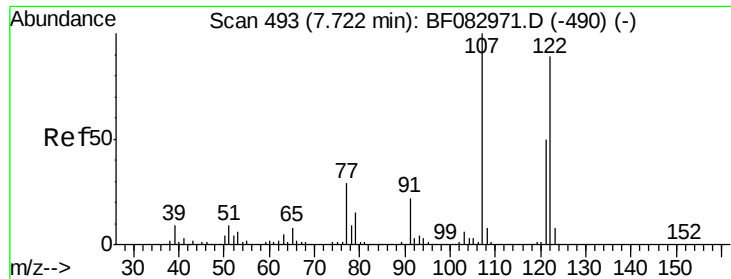
109 27.5 37.6 56.4#

65 39.9 70.6 105.8#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





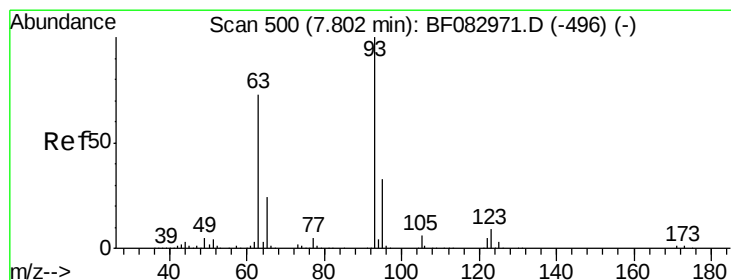
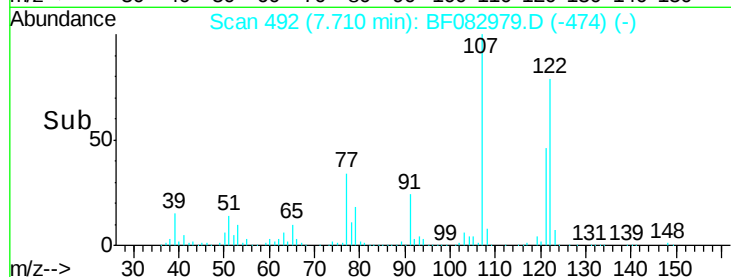
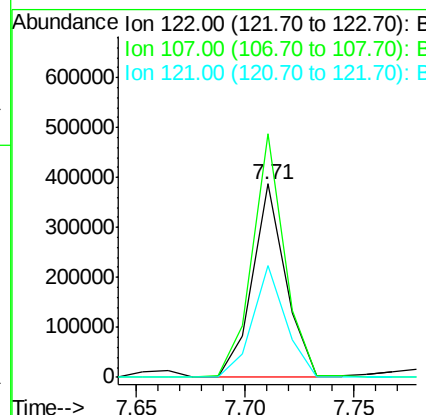
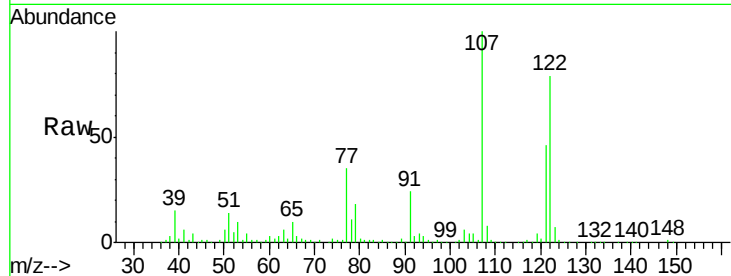
#27
2,4-Dimethylphenol
Concen: 37.77 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.0	106.0	159.0
121	58.1	46.7	70.1

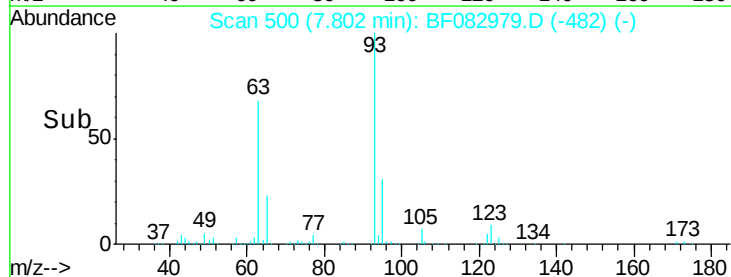
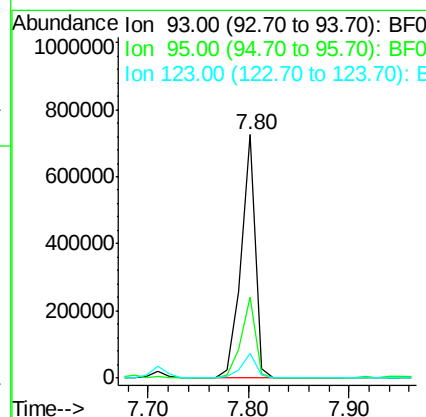
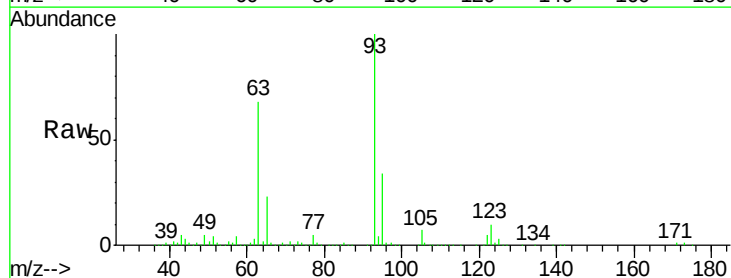
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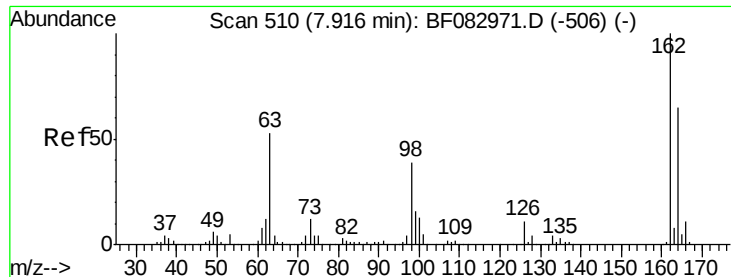
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.07 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	9.9	9.7	14.5





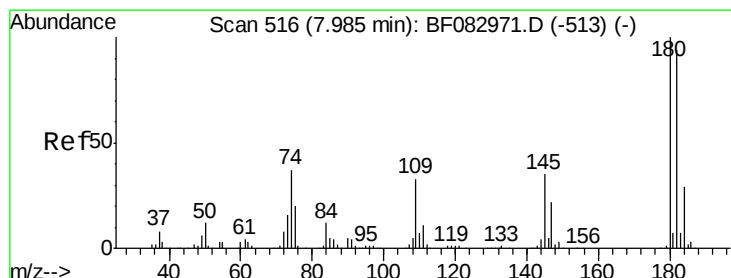
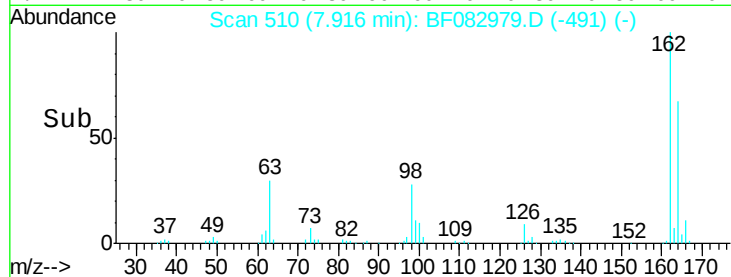
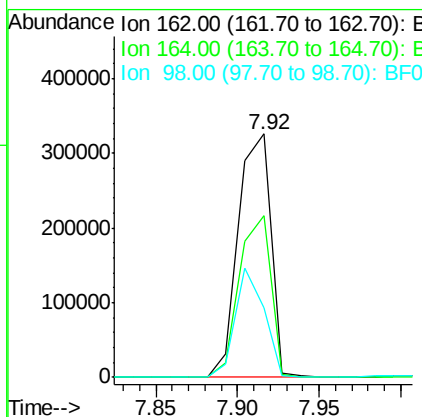
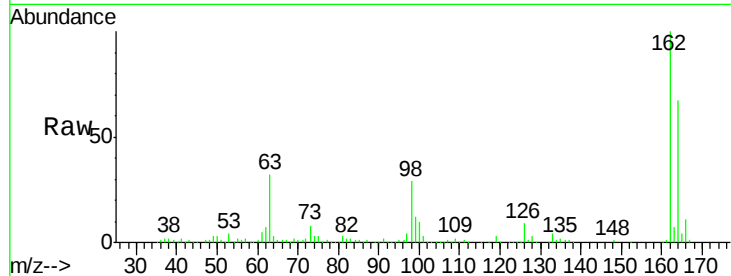
#29
2,4-Dichlorophenol
Concen: 45.25 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.6	46.8	86.8
98	28.7	12.5	52.5

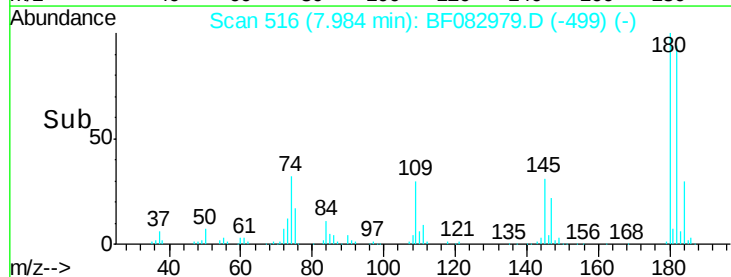
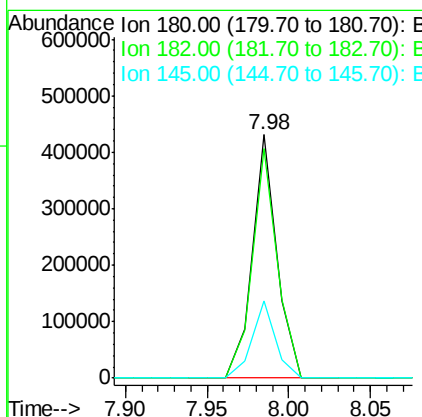
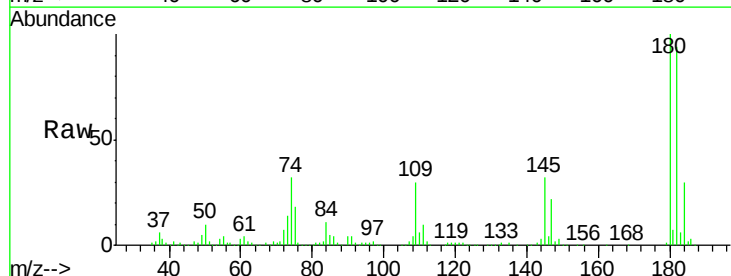
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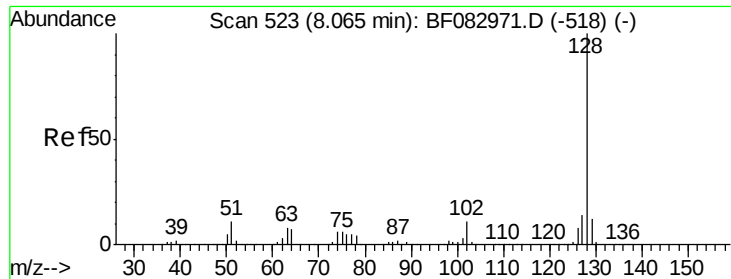
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.23 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	74.9	112.3
145	31.6	27.8	41.8





#31

Naphthalene

Concen: 41.32 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:128 Resp: 1427967

Ion Ratio Lower Upper

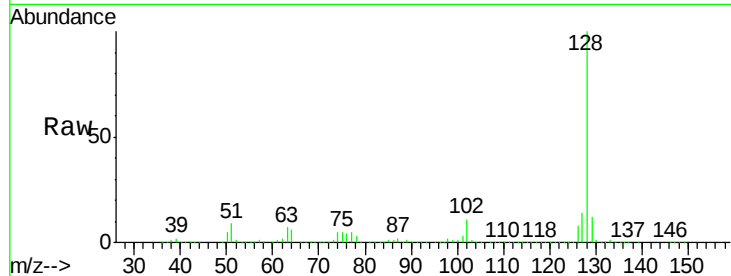
128 100

129 11.6 9.5 14.3

127 13.8 11.4 17.0

Manual Integrations
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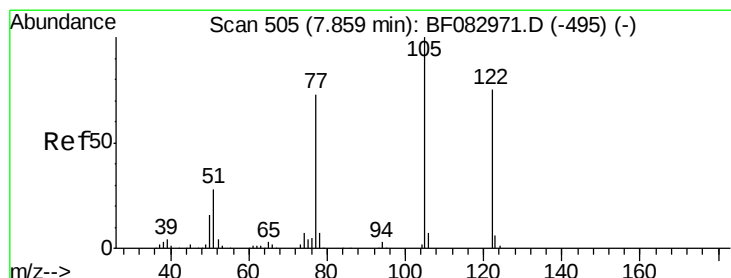
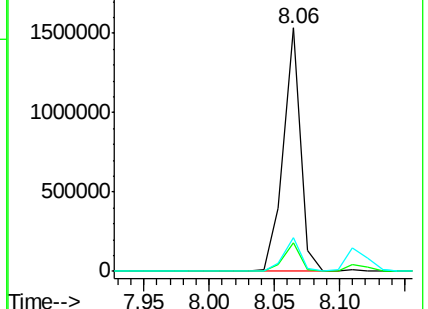
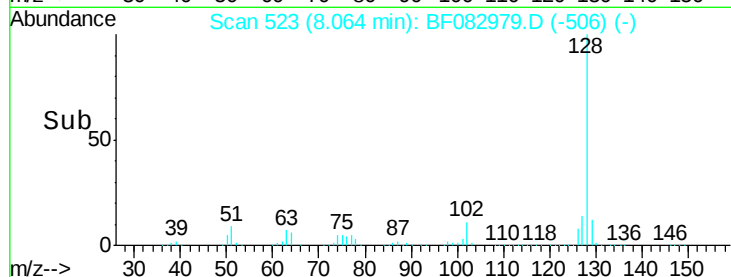
mohammad
11/19/2015 8:25:19 AM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.92 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.11 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

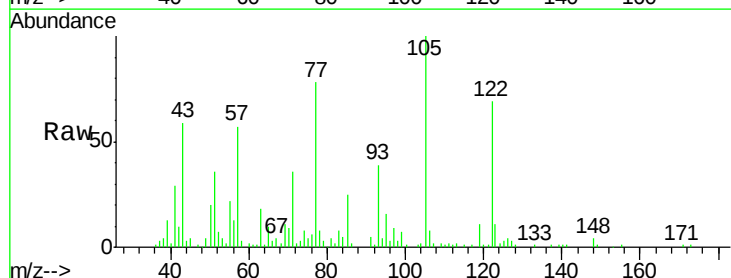
Tgt Ion:122 Resp: 112740

Ion Ratio Lower Upper

122 100

105 145.7 122.6 162.6

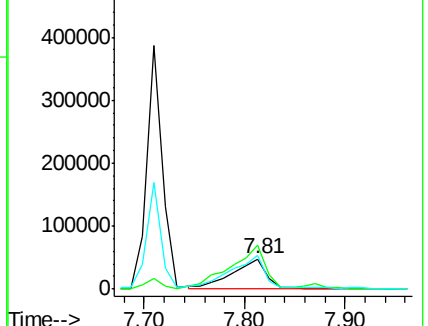
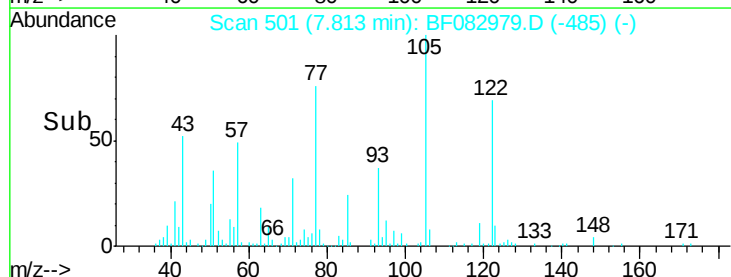
77 113.9 100.9 140.9

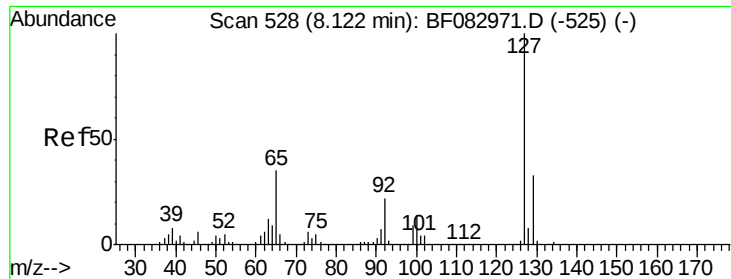


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





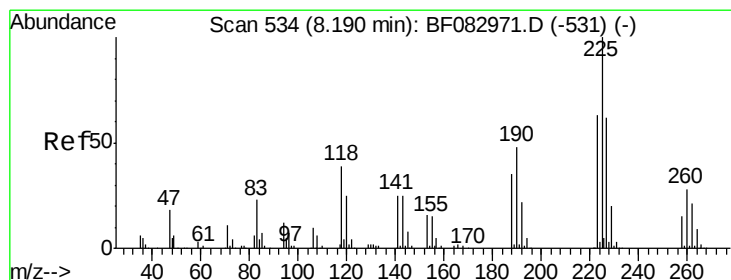
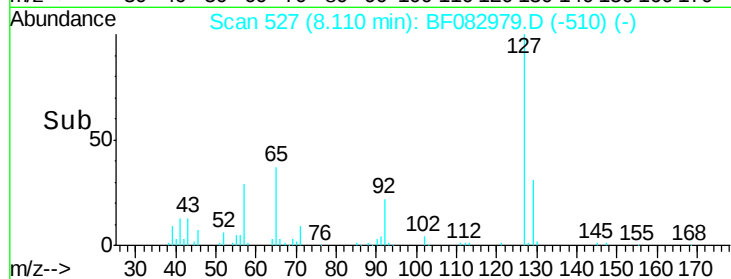
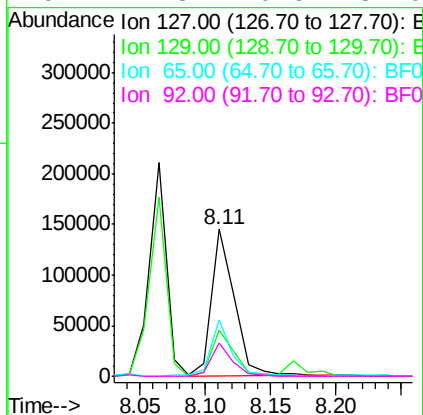
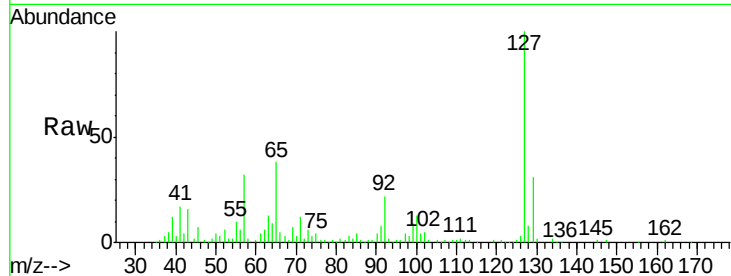
#33
4-Chloroaniline
Concen: 11.87 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.3	39.5
65	38.2	37.8	56.8
92	22.3	20.6	31.0

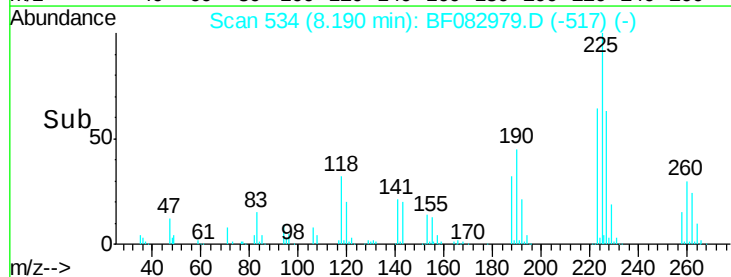
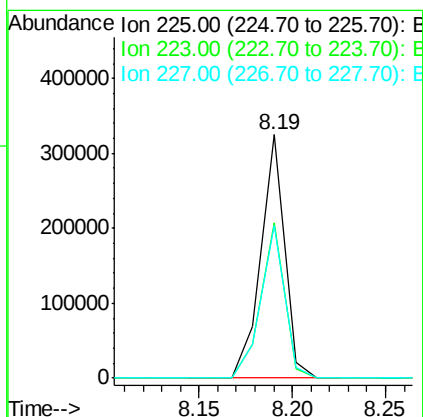
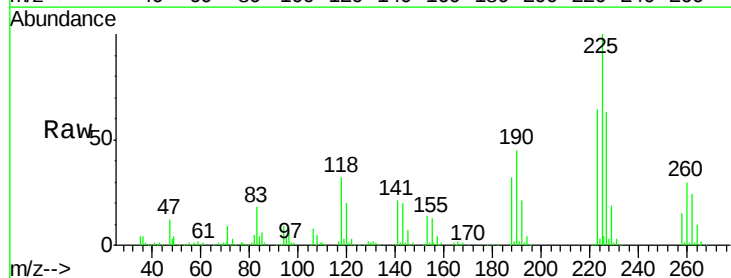
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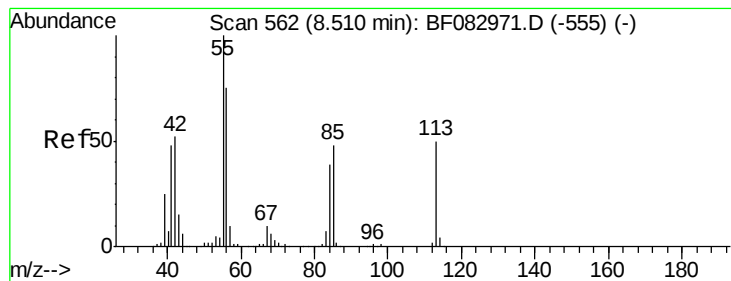
mohammad
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#34
Hexachlorobutadiene
Concen: 40.57 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.5	75.7
227	62.8	50.2	75.2





#35

Caprolactam

Concen: 53.21 ng m

RT: 8.49 min Scan# 560

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

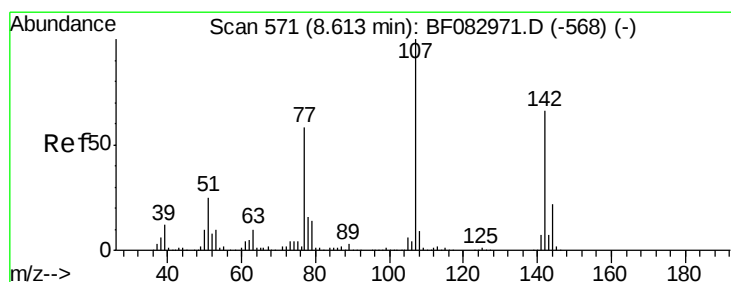
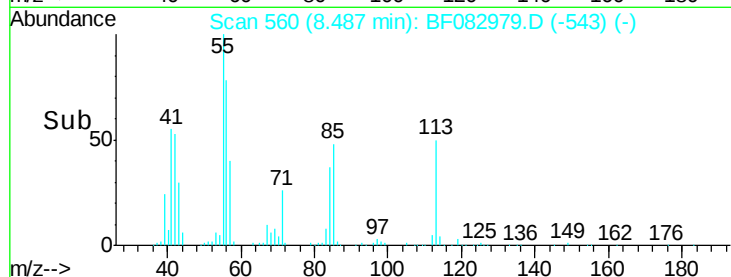
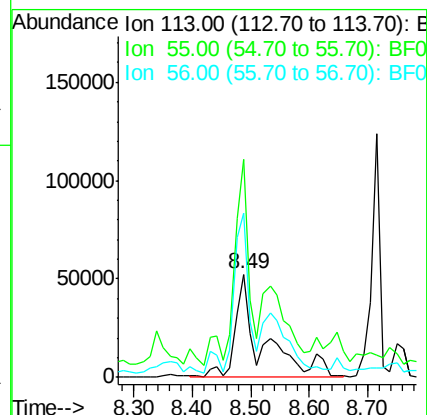
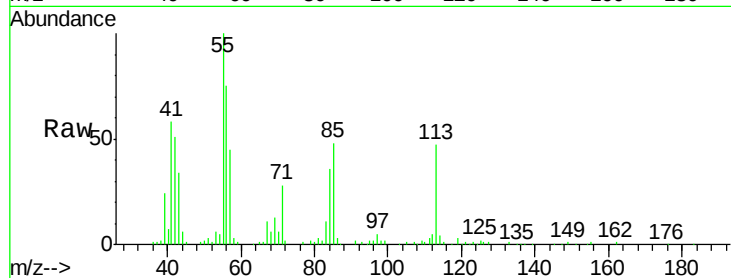
ClientSampleId :

SB-1MS

Tgt Ion:	113	Resp:	167393
Ion Ratio	Lower	Upper	
113	100		
55	211.4	195.5	235.5
56	159.1	153.5	193.5

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#36

4-Chloro-3-methylphenol

Concen: 42.86 ng

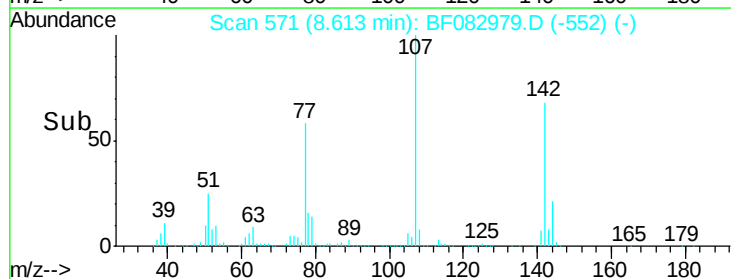
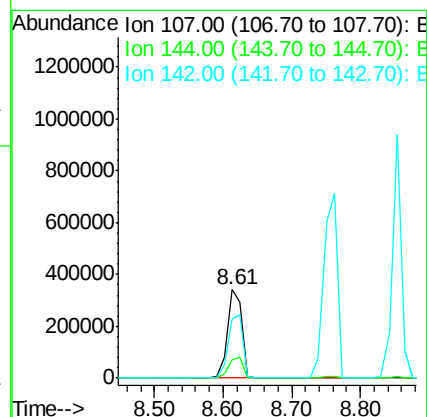
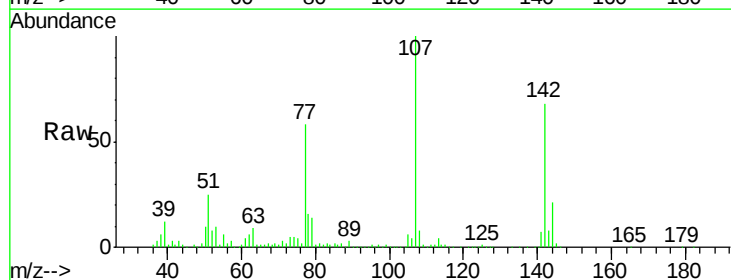
RT: 8.61 min Scan# 571

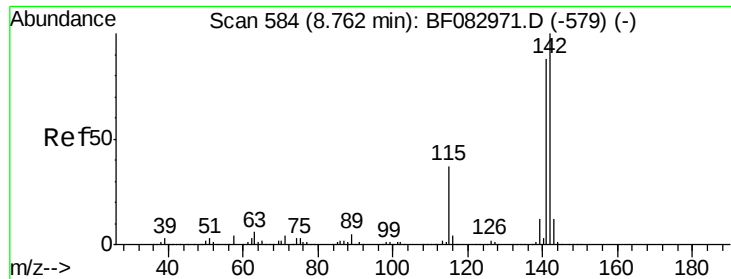
Delta R.T. -0.08 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	107	Resp:	502912
Ion Ratio	Lower	Upper	
107	100		
144	21.2	15.4	23.0
142	67.6	47.8	71.8





#37

2-Methylnaphthalene

Concen: 42.75 ng m

RT: 8.76 min Scan# 584

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

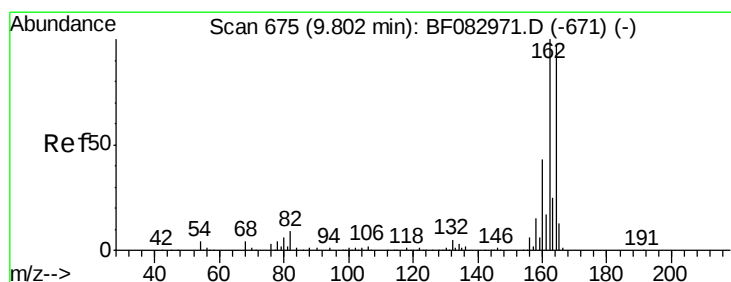
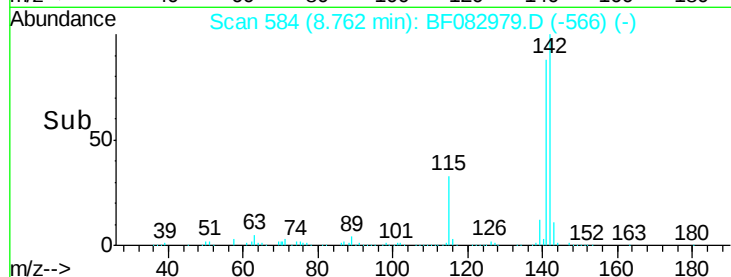
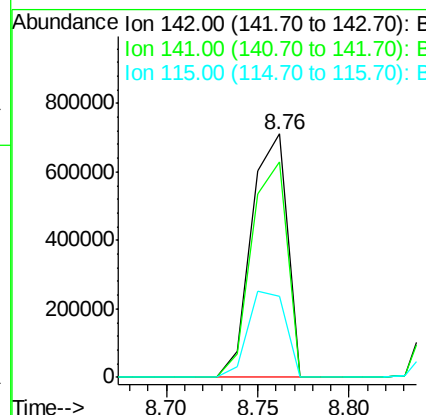
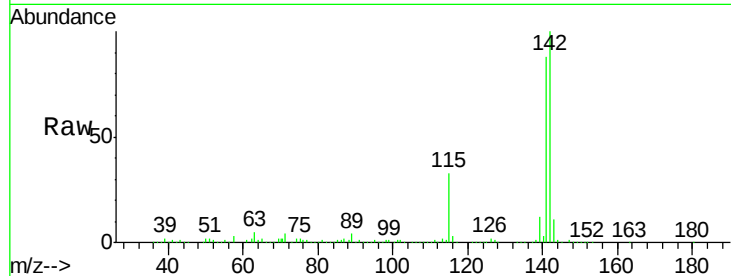
ClientSampleId :

SB-1MS

Tgt Ion:	142	Resp:	955542
Ion Ratio	Lower	Upper	
142	100		
141	88.4	72.3	108.5
115	33.4	38.1	57.1#

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#38

Acenaphthene-d10

Concen: 20.00 ng

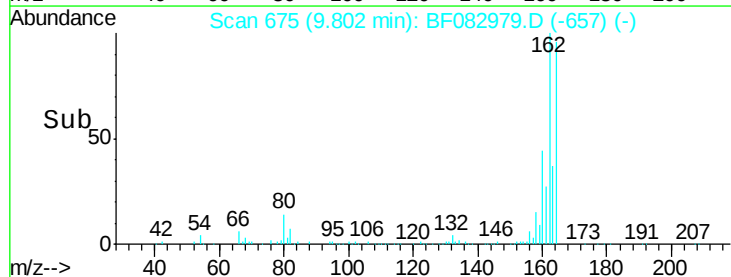
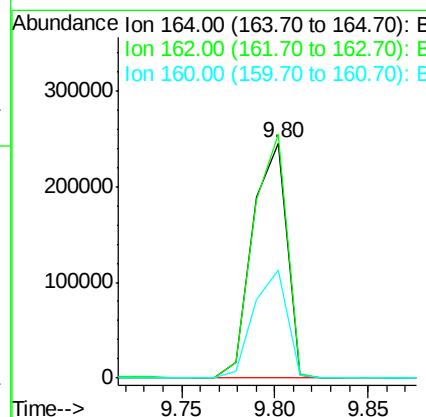
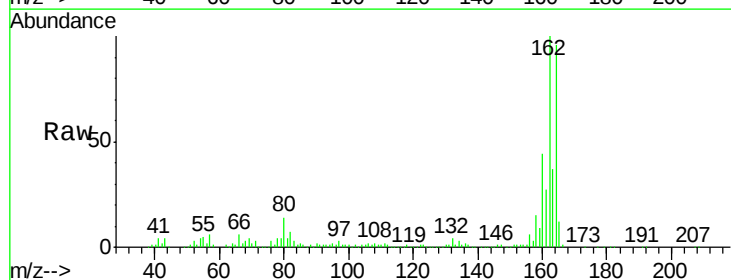
RT: 9.80 min Scan# 675

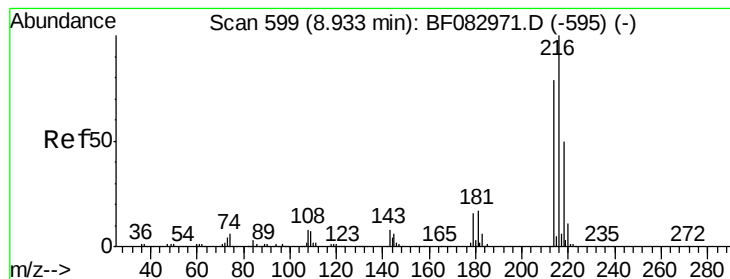
Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	164	Resp:	311466
Ion Ratio	Lower	Upper	
164	100		
162	103.7	84.9	127.3
160	45.7	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.66 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

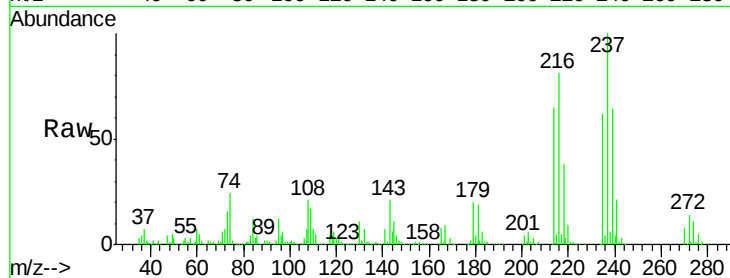
ClientSampled :

SB-1MS

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
216	100		395751		
214	79.3	62.2	93.2		
179	22.0	18.1	27.1		
108	22.7	16.6	25.0		



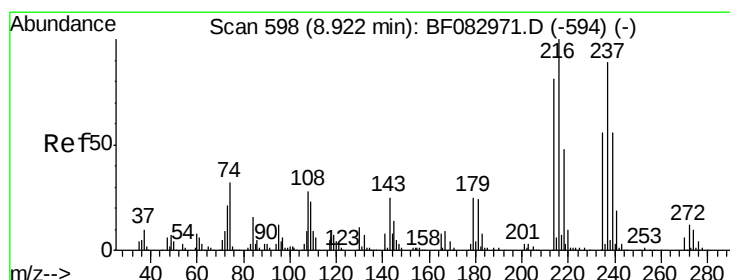
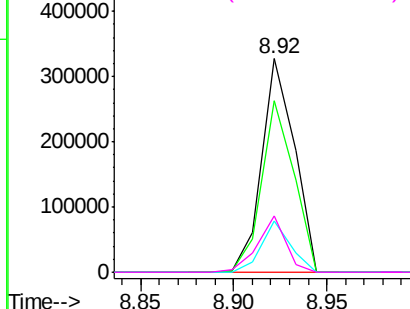
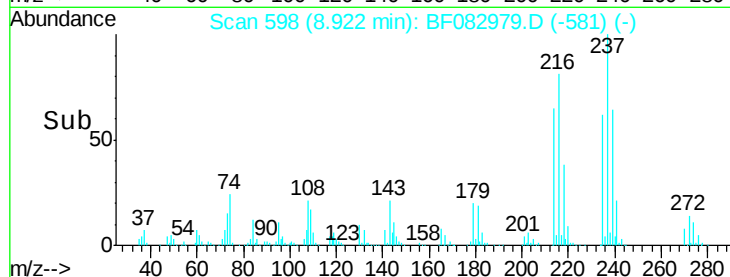
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.91 ng

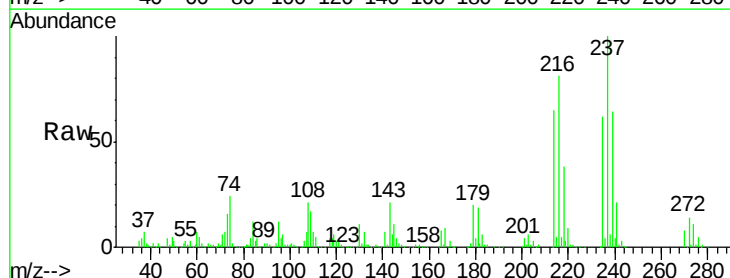
RT: 8.92 min Scan# 598

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		505395		
235	62.4	44.3	84.3		
272	14.3	0.0	31.9		

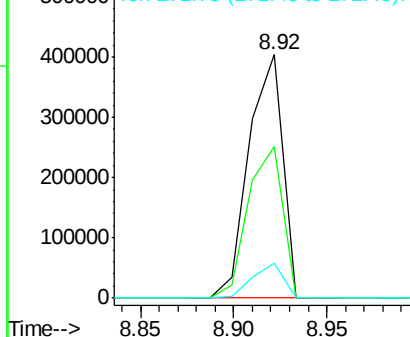
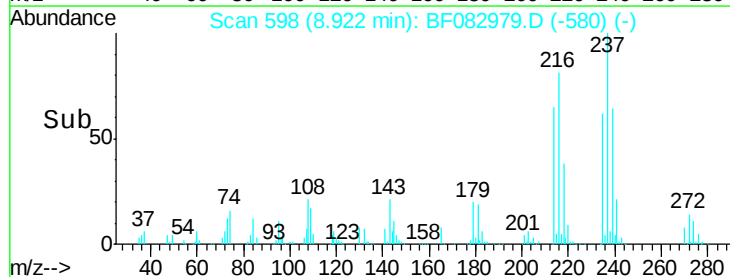


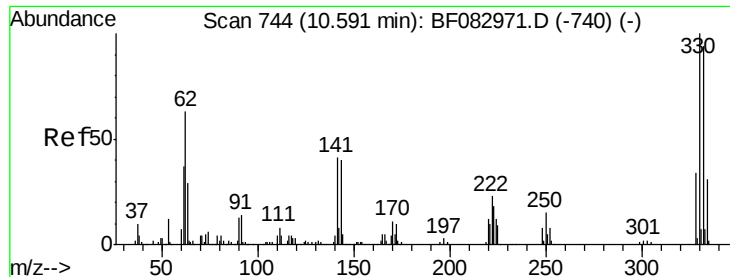
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





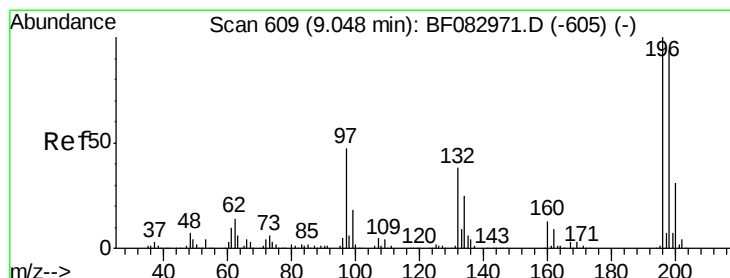
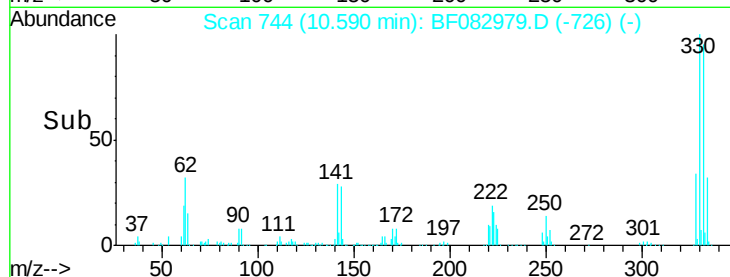
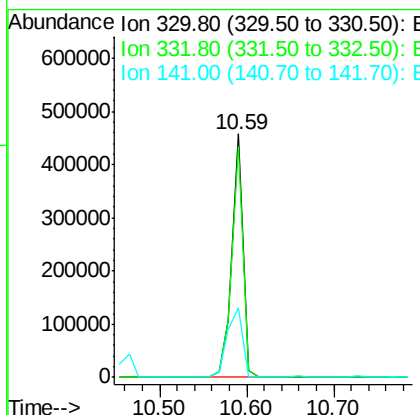
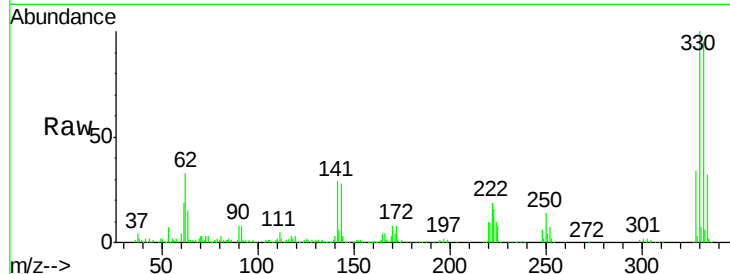
#41
 2,4,6-Tribromophenol
 Concen: 114.03 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	407224		
332	95.8	76.6	114.8	
141	39.0	41.2	61.8#	

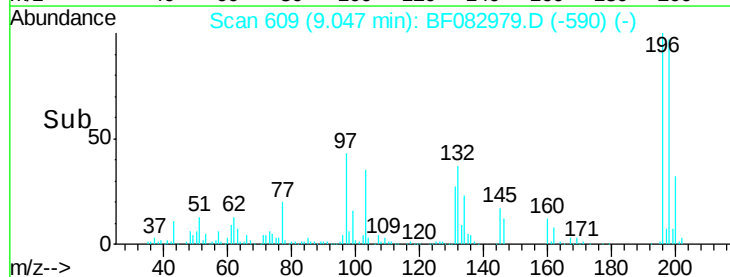
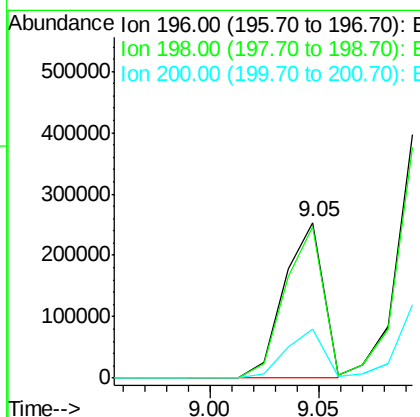
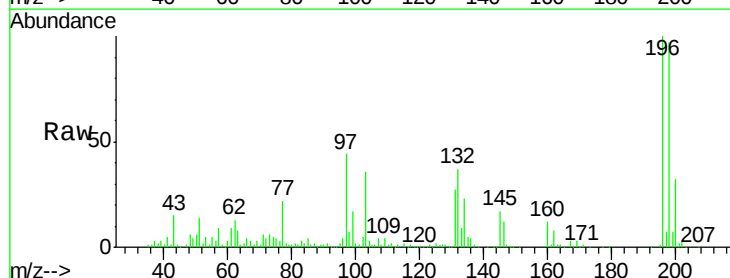
Manual Integrations
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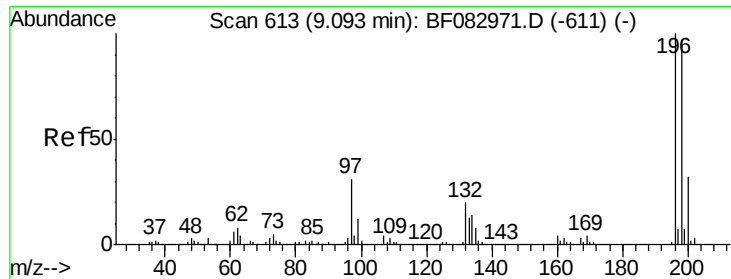
mohammad
 11/19/2015 8:25:19 AM



#42
 2,4,6-Trichlorophenol
 Concen: 41.53 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.08 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317332		
198	97.5	76.3	114.5	
200	31.7	23.9	35.9	





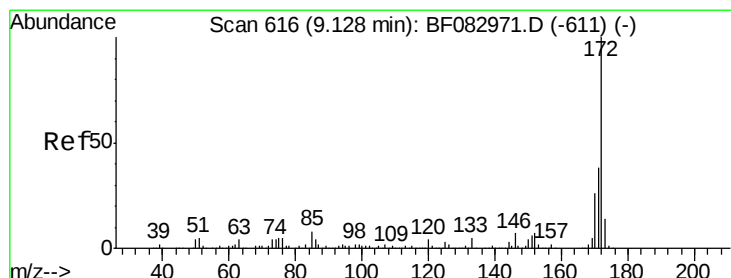
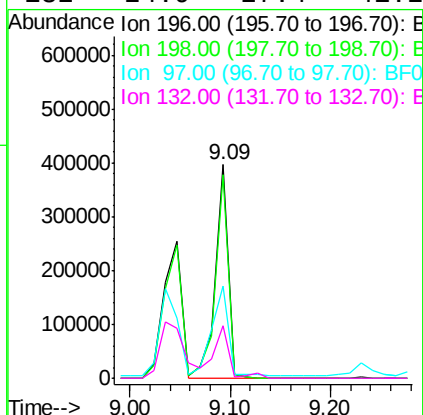
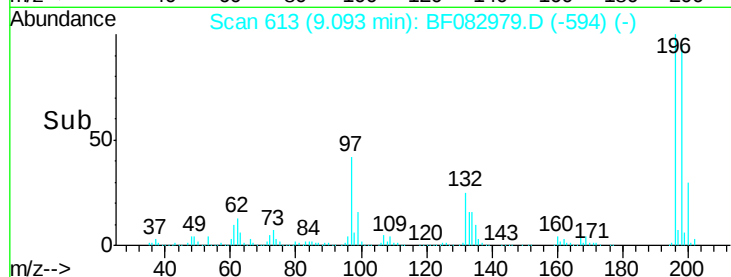
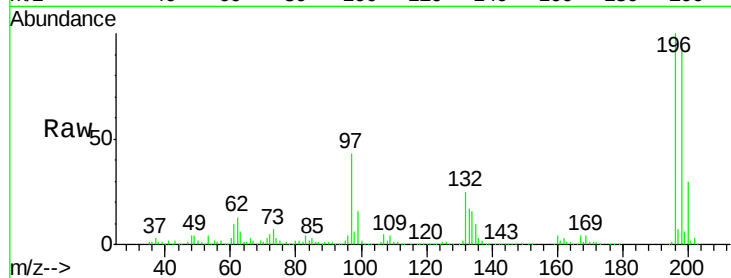
#43
 2,4,5-Trichlorophenol
 Concen: 46.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.08 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	353670		
198	95.0	75.8	113.8	
97	43.3	62.3	93.5	
132	24.9	27.4	41.2	

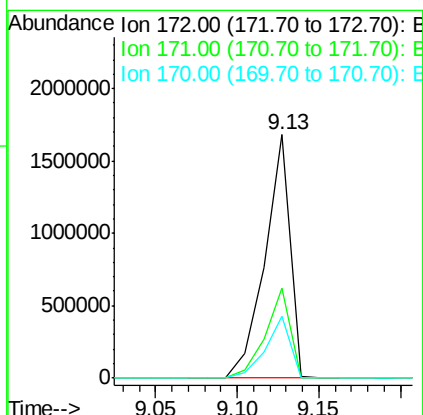
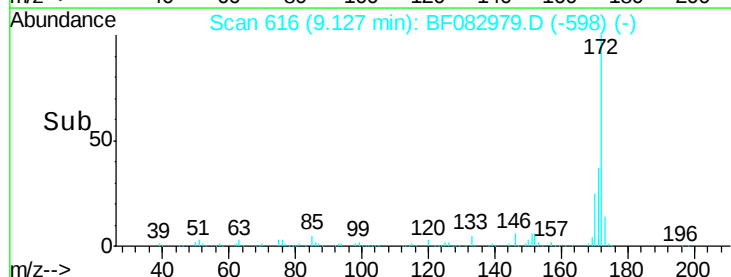
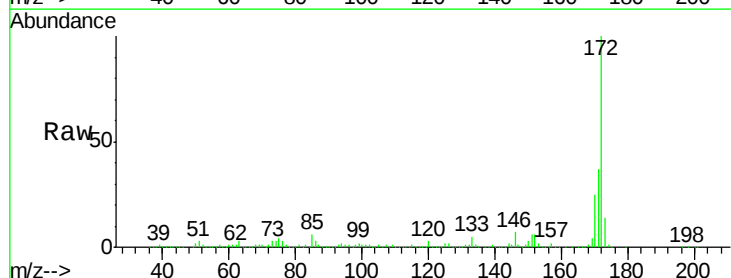
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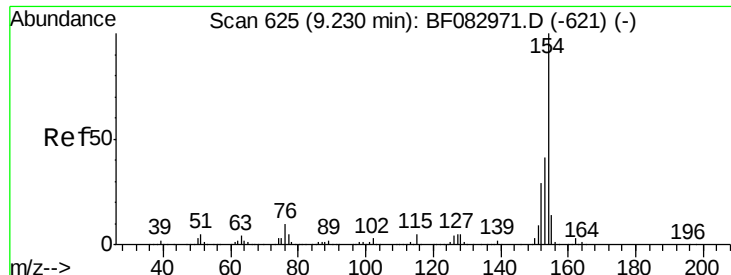
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#44
 2-Fluorobiphenyl
 Concen: 83.11 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1806134		
171	36.8	30.8	46.2	
170	25.1	21.2	31.8	





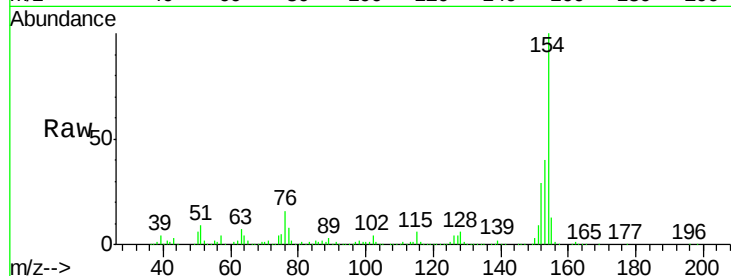
#45
 1,1'-Biphenyl
 Concen: 39.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

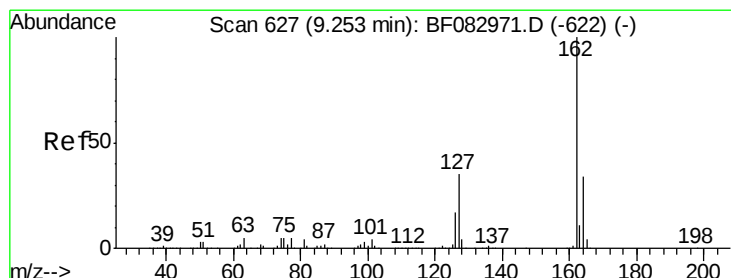
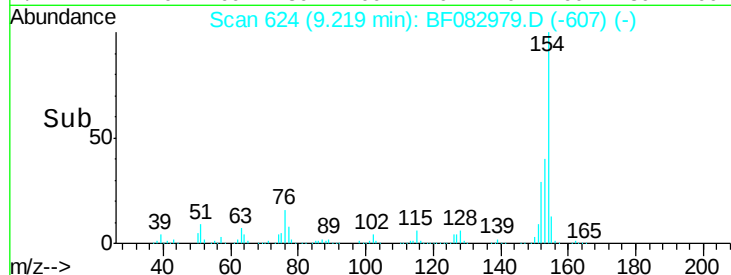
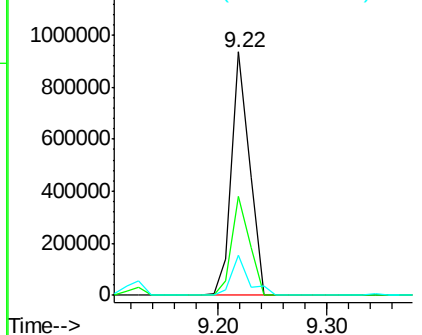
Tgt Ion:154 Resp: 1056833
 Ion Ratio Lower Upper
 154 100
 153 40.4 22.0 62.0
 76 16.2 0.0 29.0

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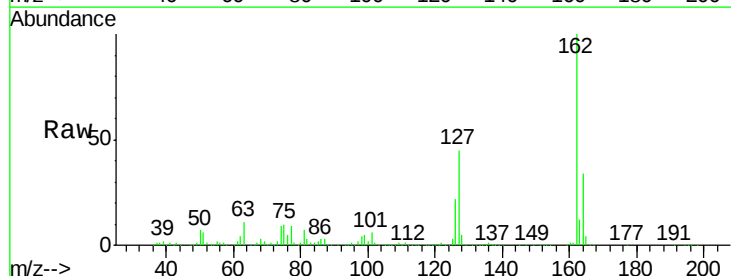


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

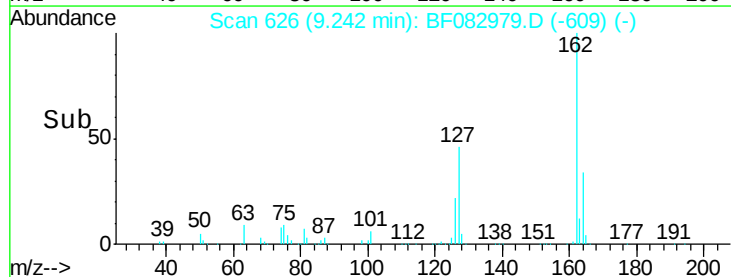
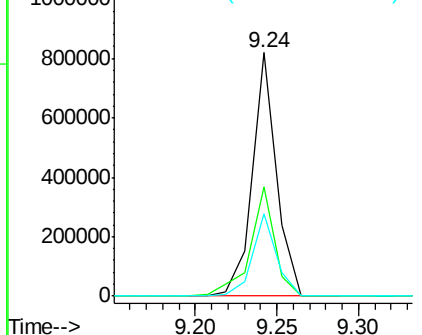


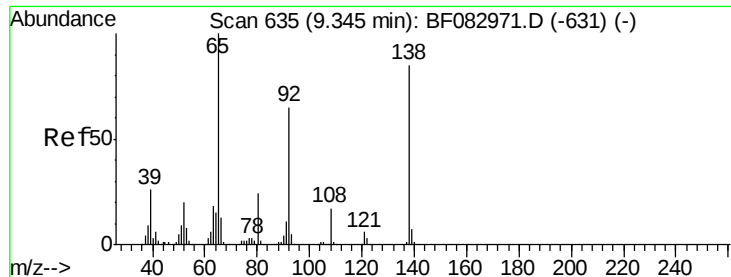
#46
 2-Chloronaphthalene
 Concen: 40.28 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:162 Resp: 839797
 Ion Ratio Lower Upper
 162 100
 127 44.9 32.7 49.1
 164 33.6 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.74 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

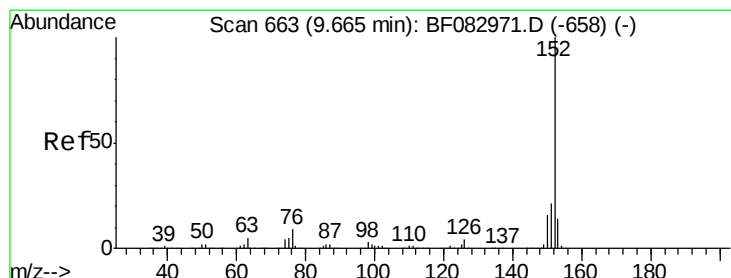
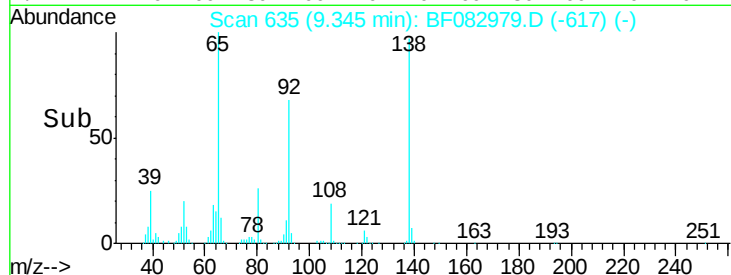
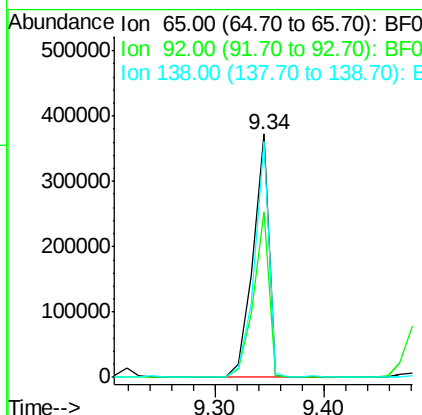
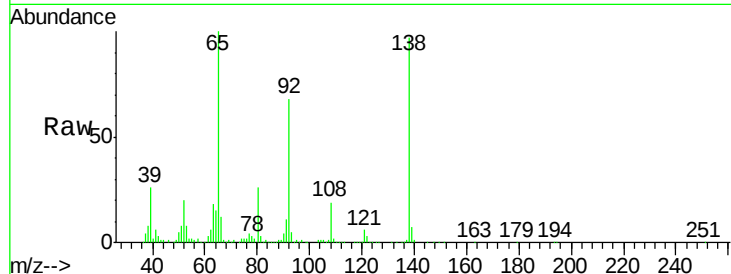
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	46.6	70.0
138	97.1	54.6	81.8#



#48

Acenaphthylene

Concen: 43.31 ng

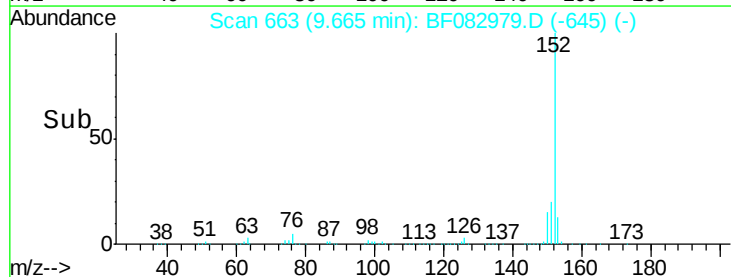
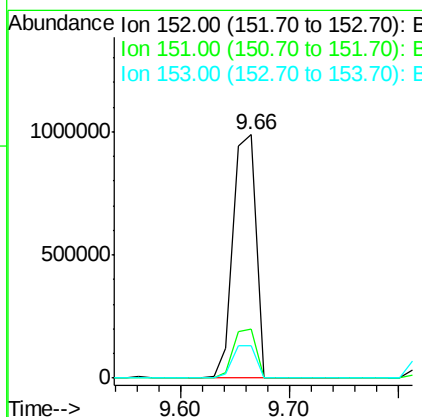
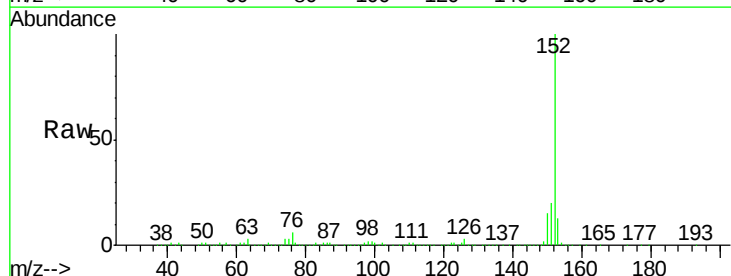
RT: 9.66 min Scan# 663

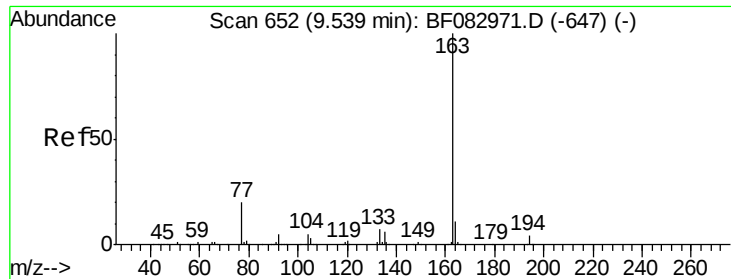
Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.3	25.9
153	13.2	11.3	16.9





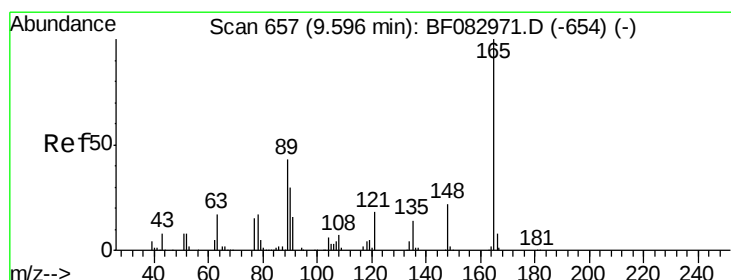
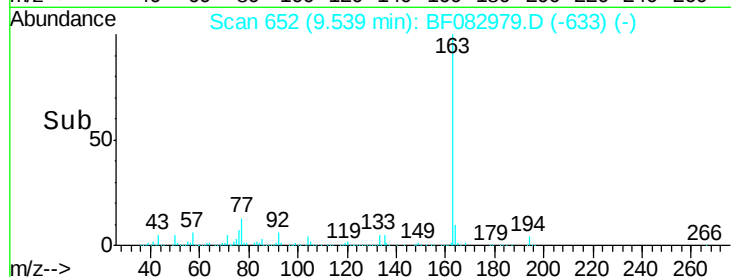
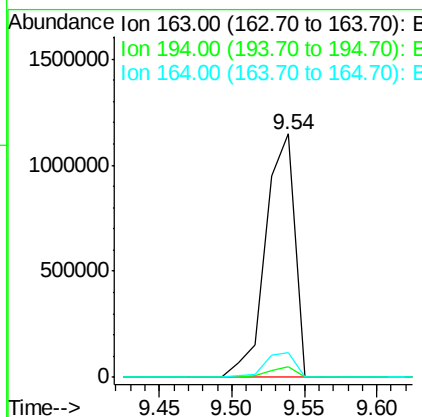
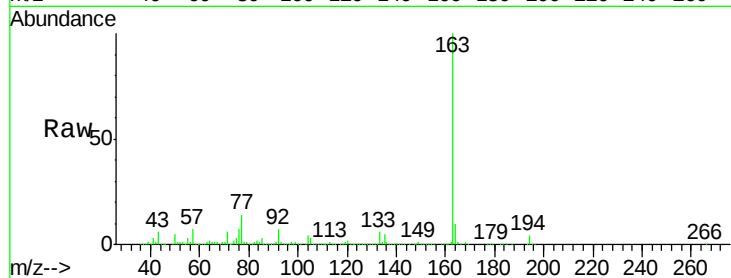
#49
Dimethylphthalate
Concen: 62.39 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion:163 Resp: 1592008
Ion Ratio Lower Upper
163 100
194 4.2 2.6 4.0#
164 10.1 8.7 13.1

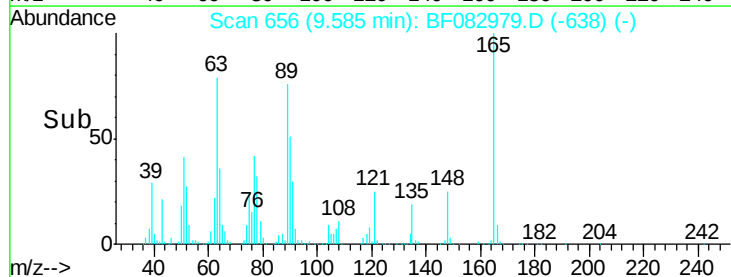
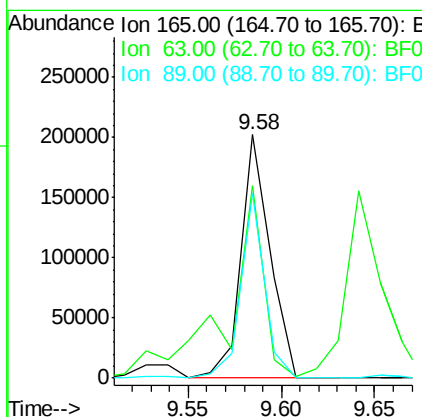
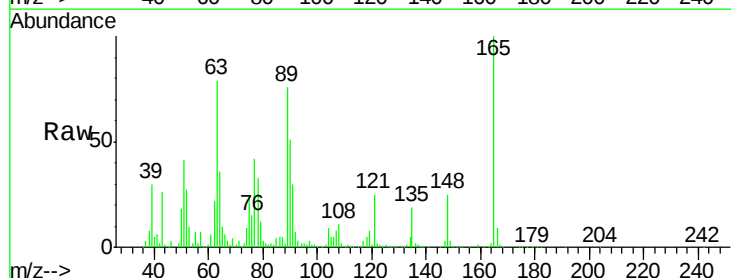
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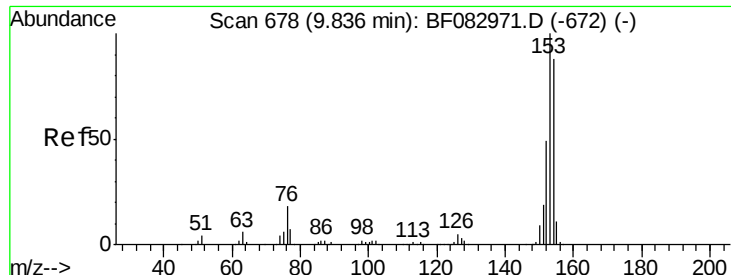
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#50
2,6-Dinitrotoluene
Concen: 39.94 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion:165 Resp: 217476
Ion Ratio Lower Upper
165 100
63 79.0 55.5 83.3
89 75.6 55.0 82.6





#51

Acenaphthene

Concen: 47.23 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

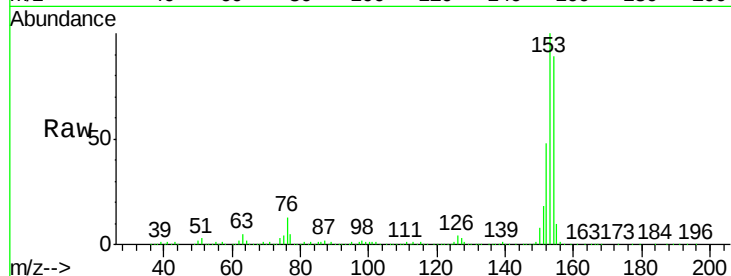
ClientSampleId :

SB-1MS

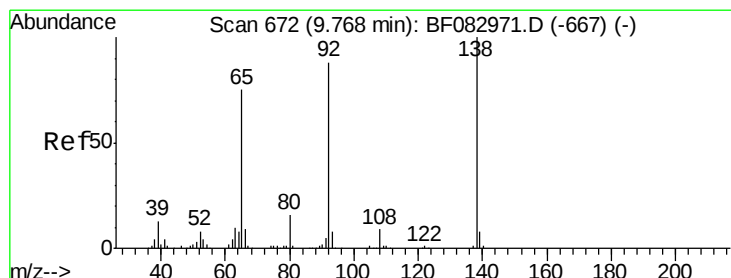
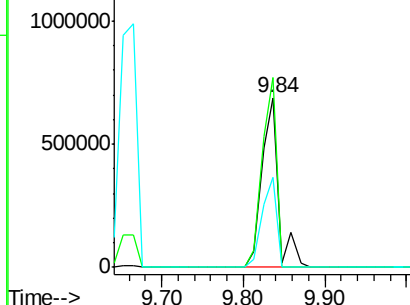
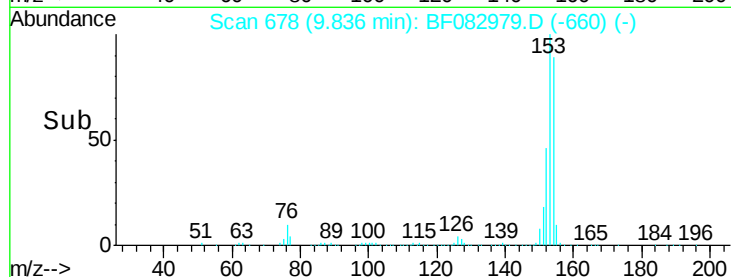
Tgt Ion:	154	Resp:	977994
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.1	135.1
152	53.4	44.3	66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.40 ng

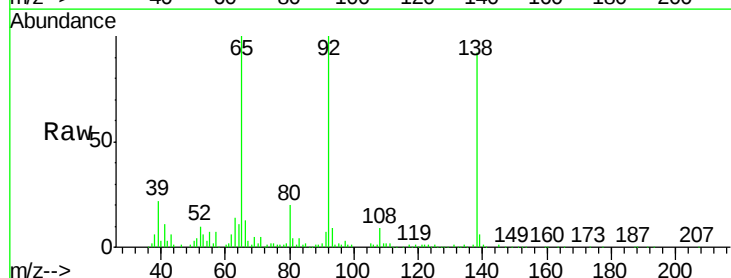
RT: 9.76 min Scan# 671

Delta R.T. -0.09 min

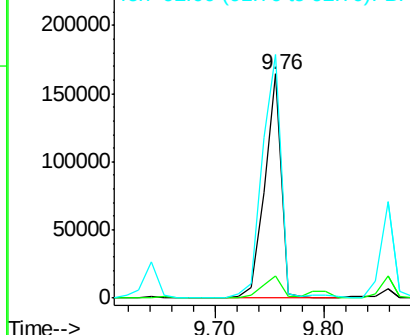
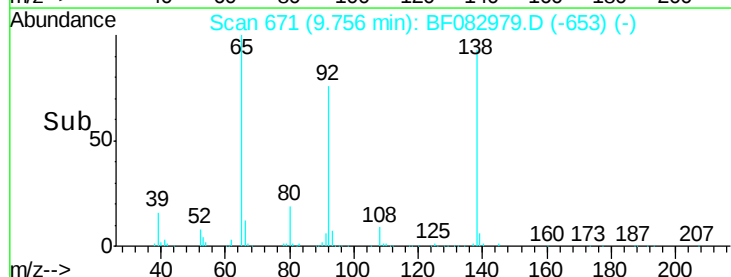
Lab File: BF082979.D

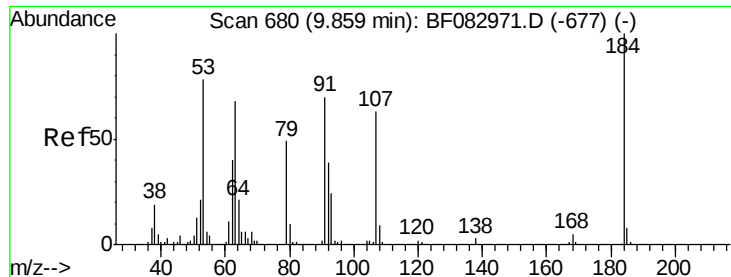
Acq: 17 Nov 2015 21:33

Tgt Ion:	138	Resp:	176048
Ion Ratio	Lower	Upper	
138	100		
108	10.1	11.3	16.9#
92	108.8	122.4	183.6#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





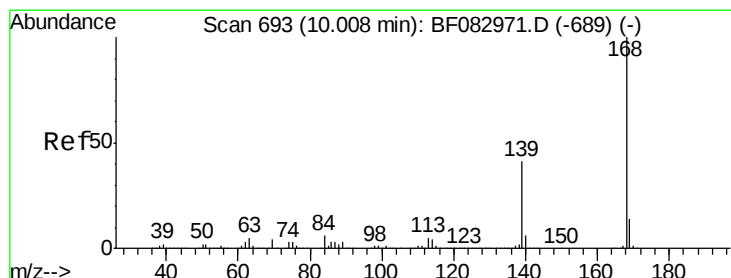
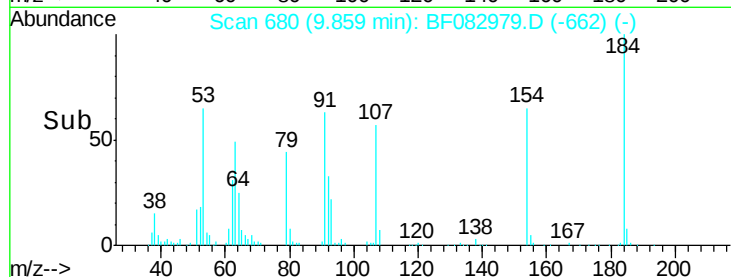
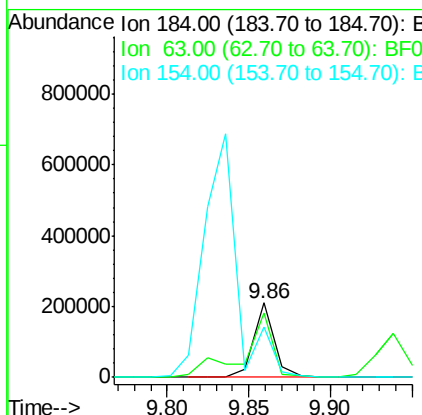
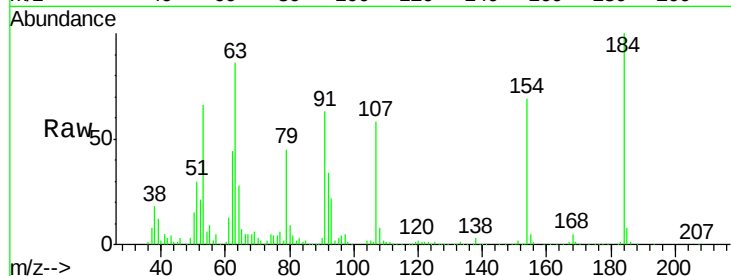
#53
2,4-Dinitrophenol
Concen: 62.32 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	186300		
63	86.3	98.6	148.0#	
154	68.5	183.9	275.9#	

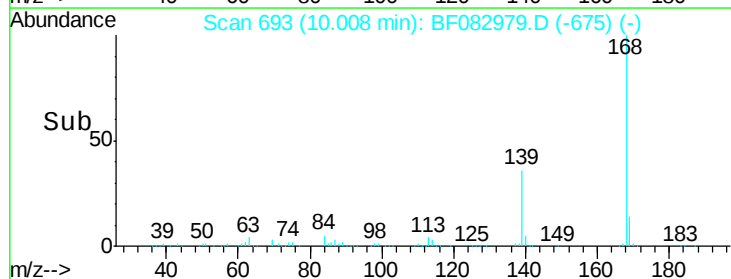
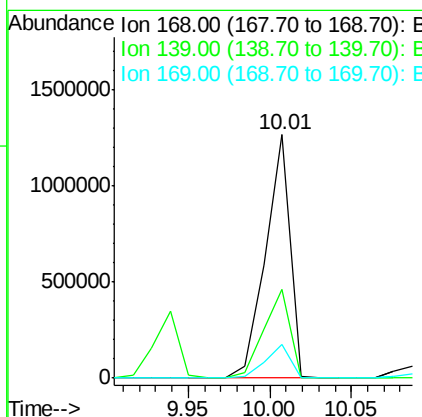
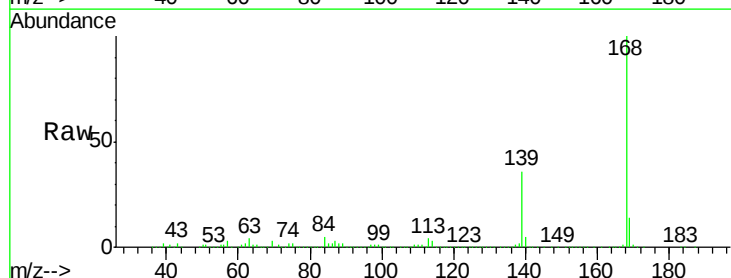
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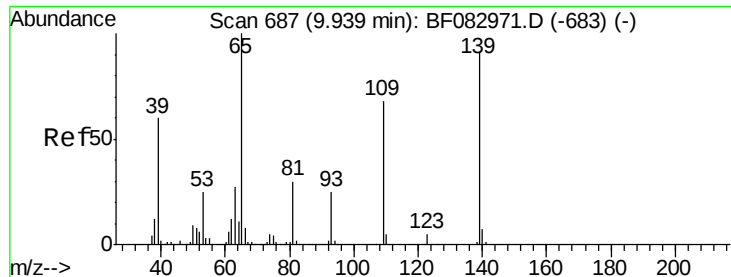
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#54
Dibenzofuran
Concen: 47.30 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1320473		
139	36.4	37.8	56.6#	
169	13.6	11.3	16.9	





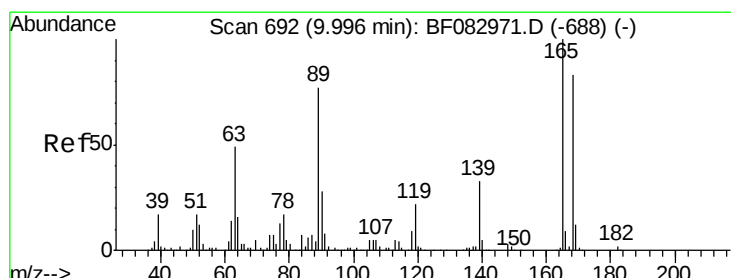
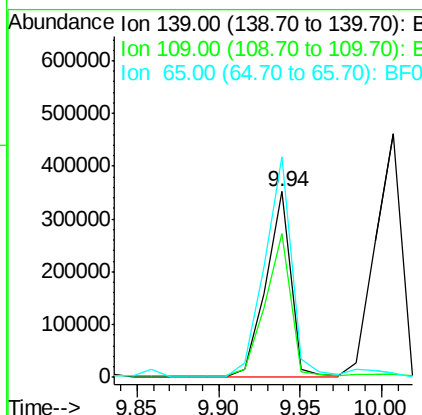
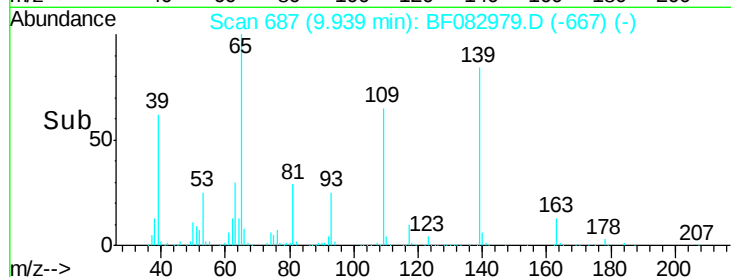
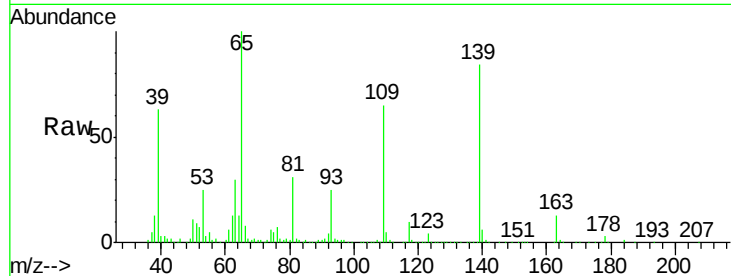
#55
4-Nitrophenol
Concen: 81.36 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	373776		
109	77.5	73.7	113.7	
65	119.0	82.9	122.9	

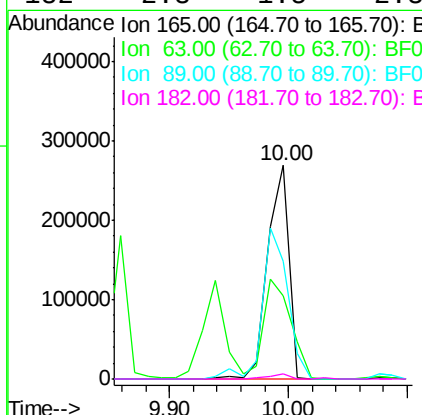
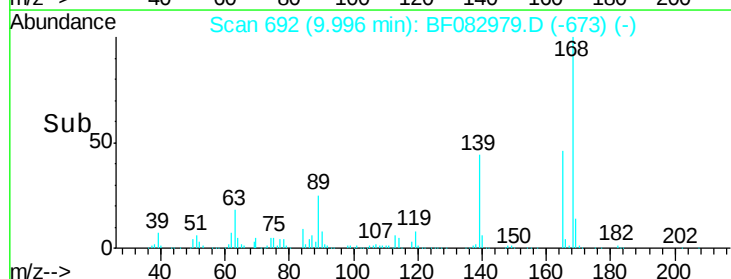
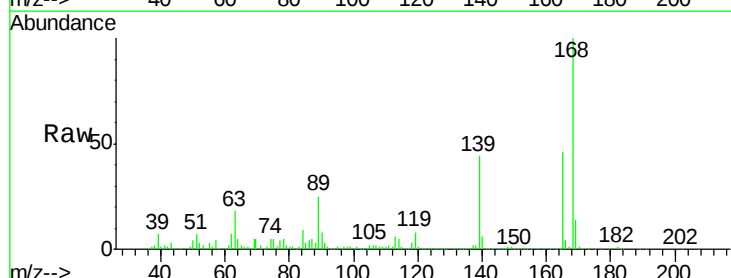
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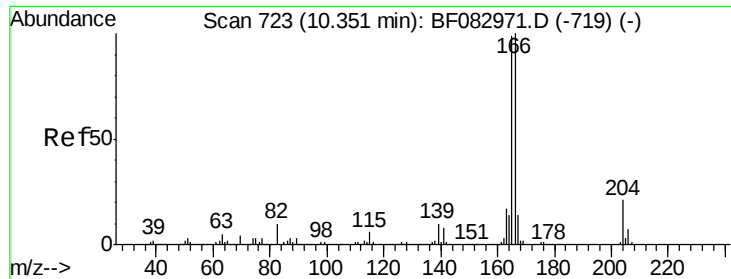
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#56
2,4-Dinitrotoluene
Concen: 45.35 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	335049		
63	39.1	43.4	65.0#	
89	55.3	70.6	106.0#	
182	2.3	1.5	2.3	





#57

Fluorene

Concen: 43.38 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

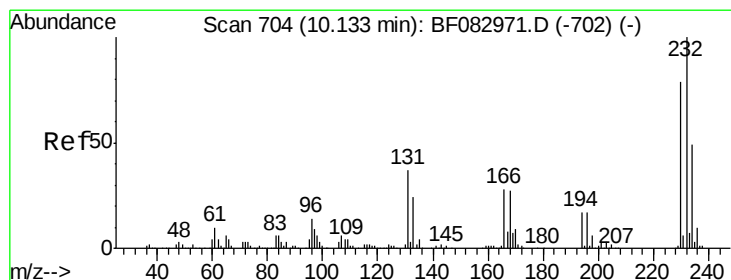
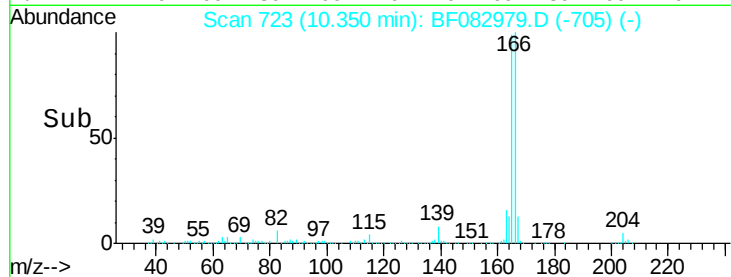
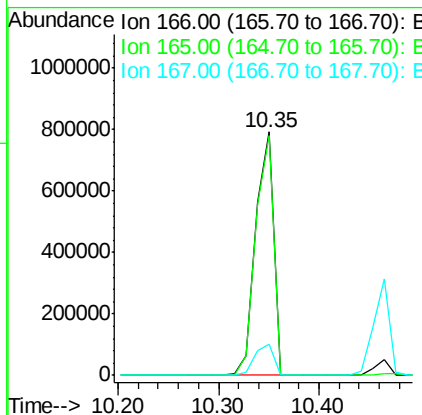
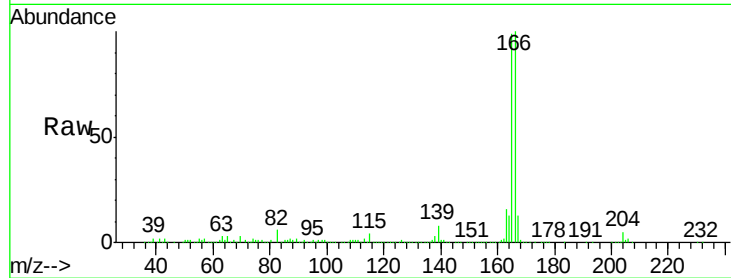
ClientSampleId :

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Tgt Ion:	166	Resp:	980792
Ion Ratio		Lower	Upper
166	100		
165	98.6	80.2	120.4
167	12.7	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.67 ng

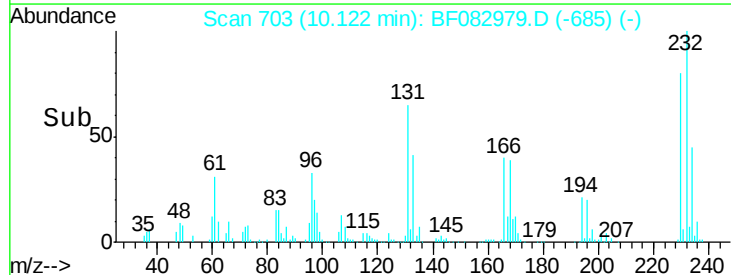
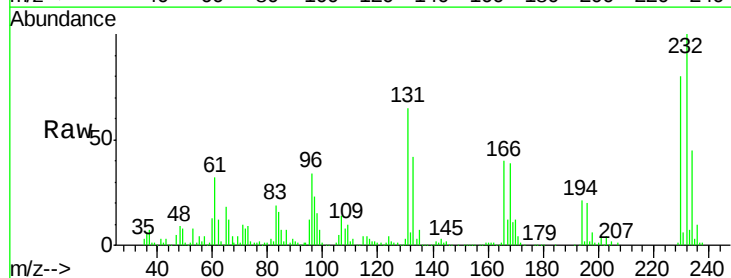
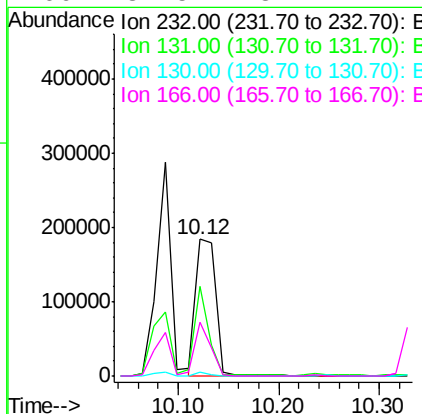
RT: 10.12 min Scan# 703

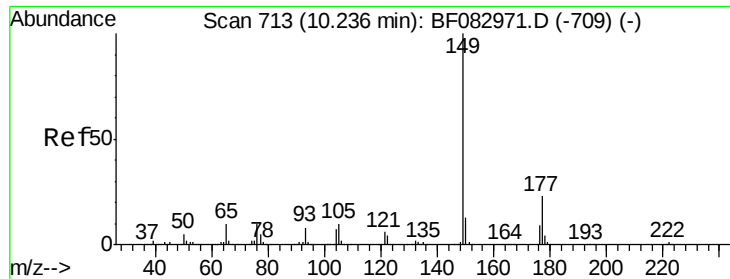
Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	232	Resp:	256968
Ion Ratio		Lower	Upper
232	100		
131	45.9	46.2	69.2#
130	2.3	2.4	3.6#
166	31.5	28.2	42.2





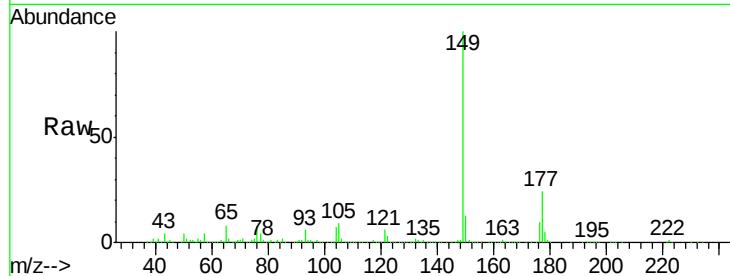
#59
Diethylphthalate
Concen: 43.58 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

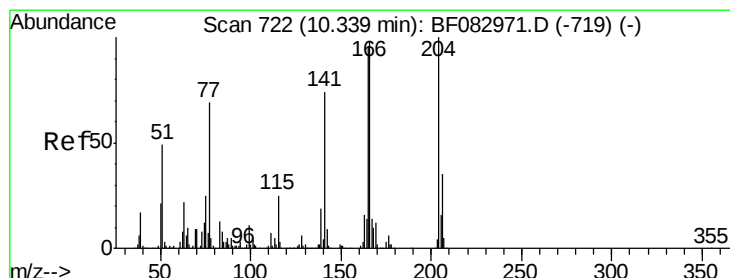
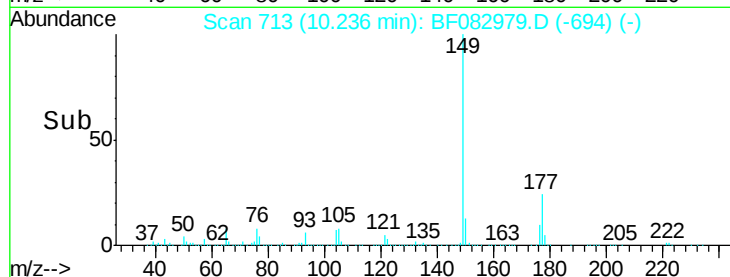
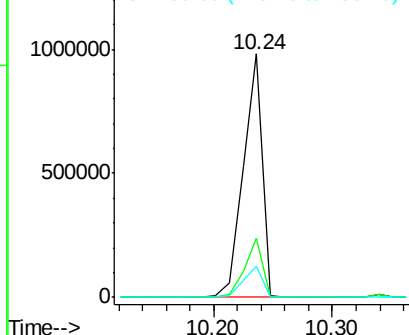
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	17.9	26.9
150	12.7	10.1	15.1

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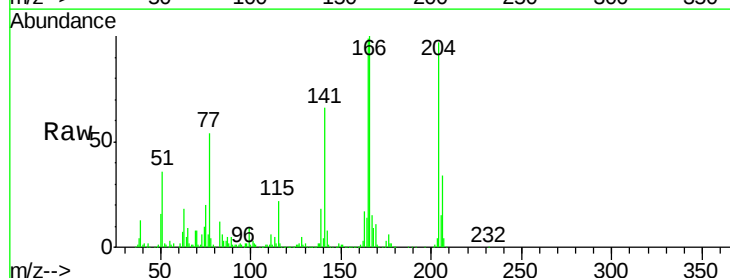


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

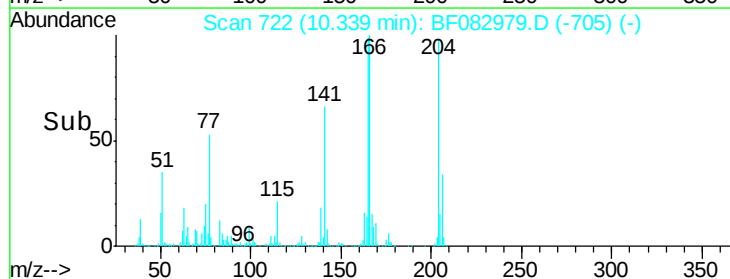
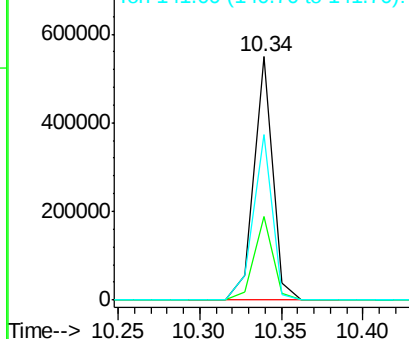


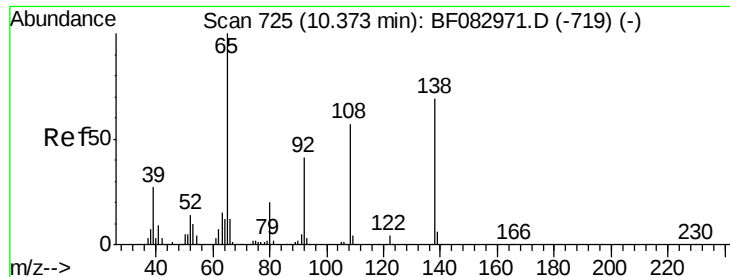
#60
4-Chlorophenyl-phenylether
Concen: 39.22 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.5	42.7
141	67.8	44.6	66.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





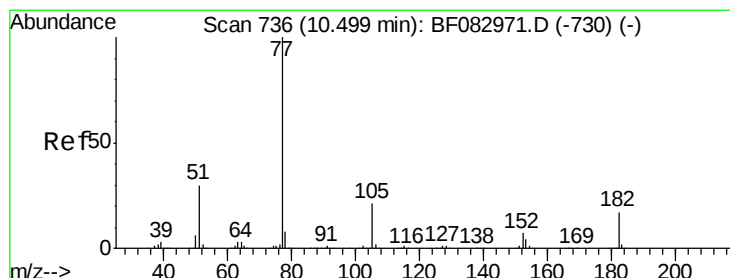
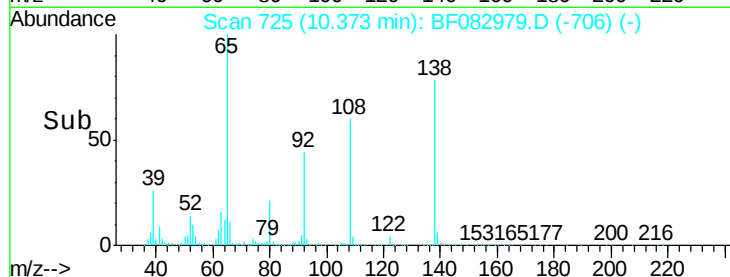
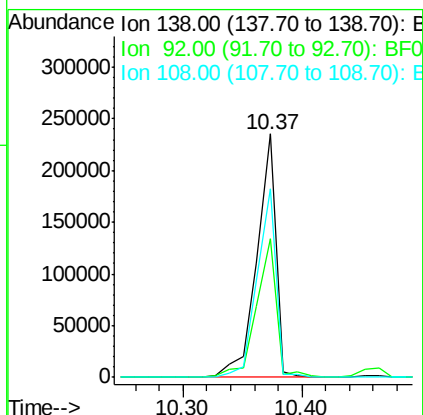
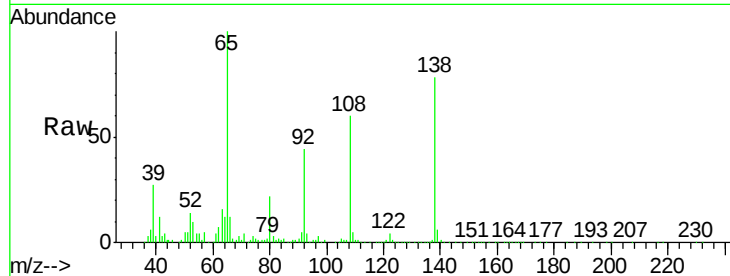
#61
4-Nitroaniline
Concen: 44.48 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.08 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	45.8	85.8
108	77.3	89.4	129.4

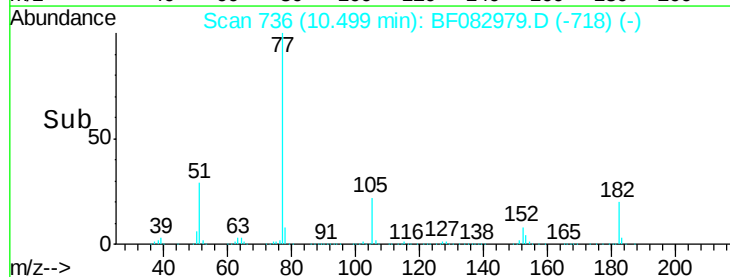
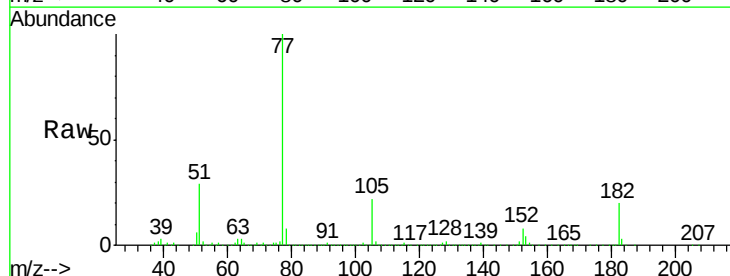
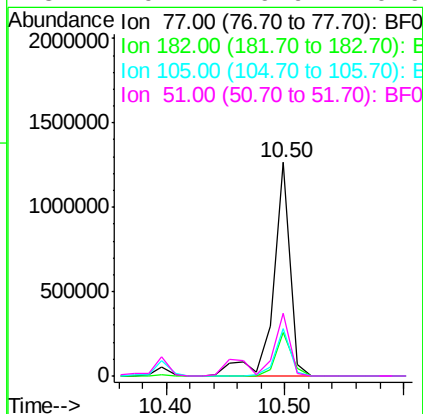
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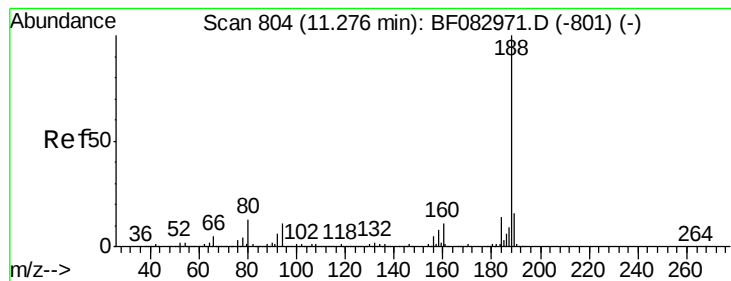
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#62
Azobenzene
Concen: 46.16 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	9.3	49.3
105	22.1	2.6	42.6
51	29.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:188 Resp: 593109

Ion Ratio Lower Upper

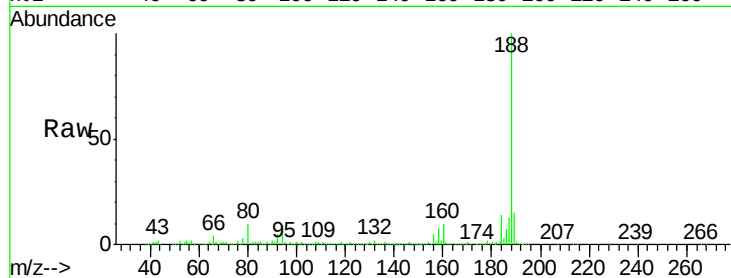
188 100

94 9.1 6.1 9.1#

80 10.1 7.0 10.6

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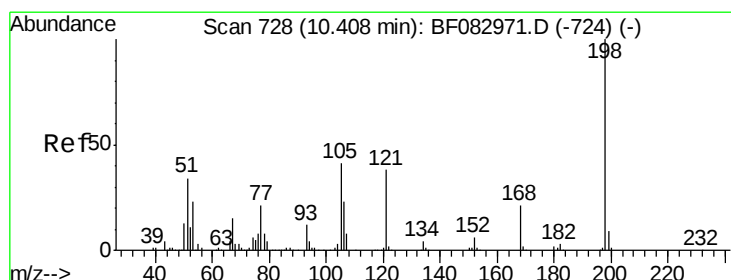
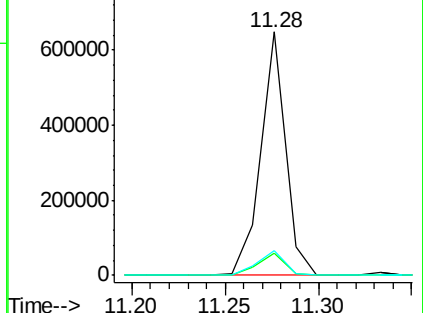
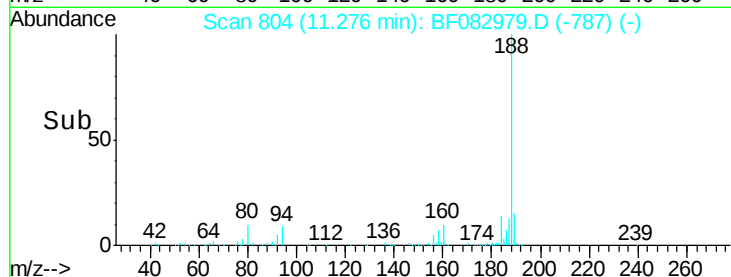
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.28 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.09 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

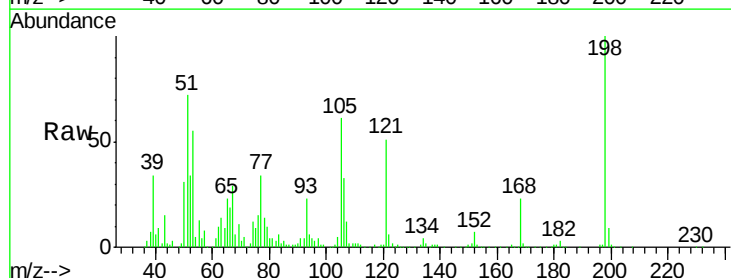
Tgt Ion:198 Resp: 157520

Ion Ratio Lower Upper

198 100

51 72.1 17.3 57.3#

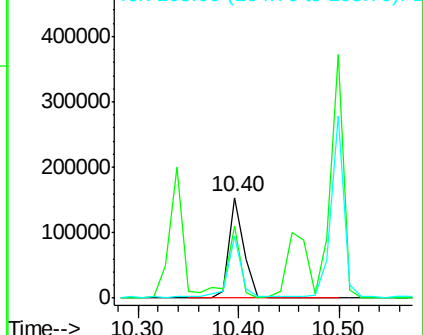
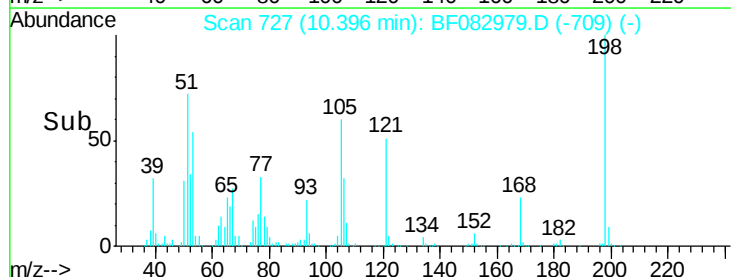
105 61.0 21.7 61.7

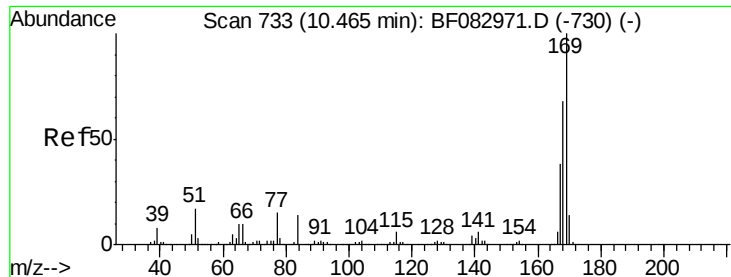


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





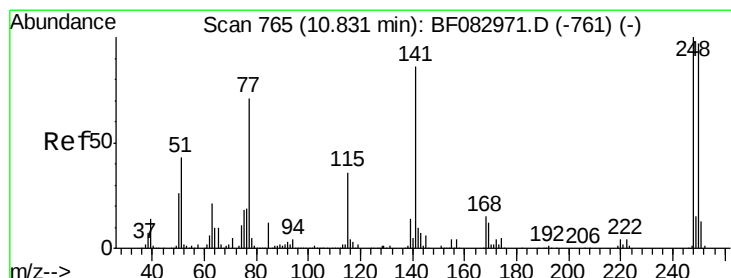
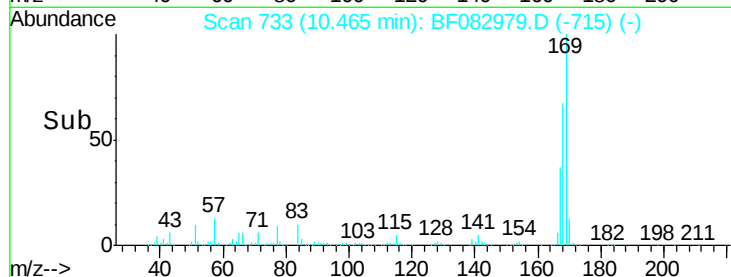
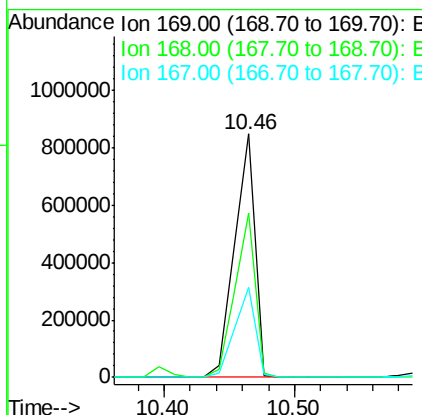
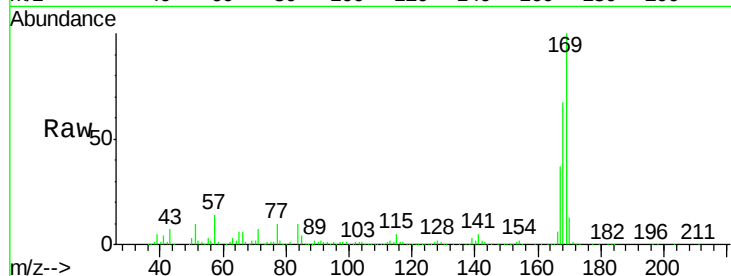
#65
n-Nitrosodiphenylamine
Concen: 42.69 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	914775		
168	67.3	55.0	82.6	
167	36.9	30.5	45.7	

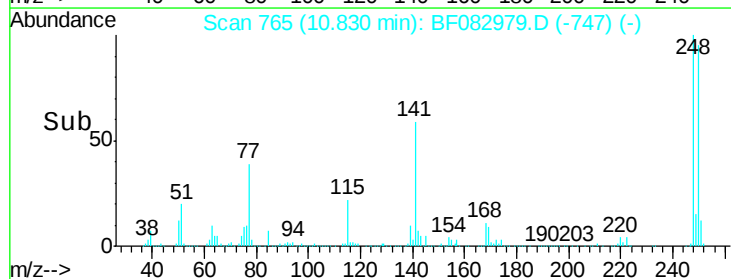
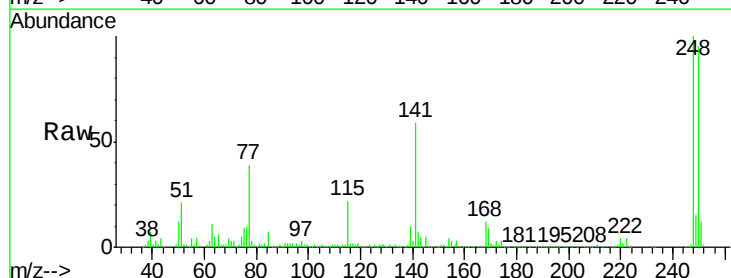
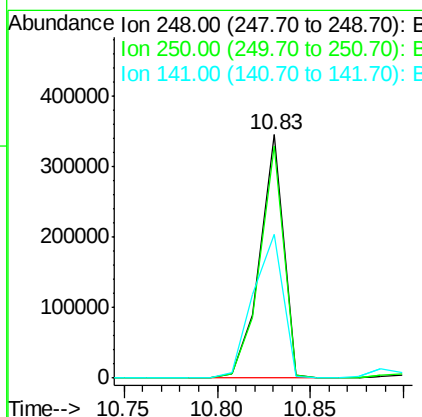
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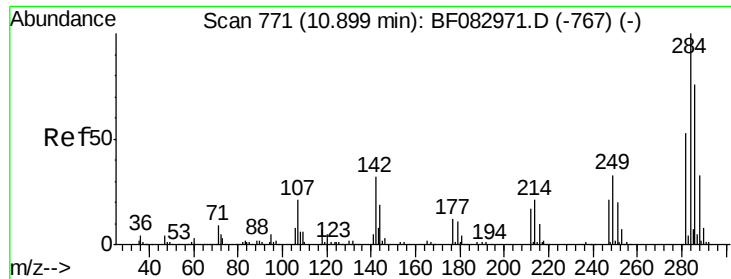
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#66
4-Bromophenyl-phenylether
Concen: 42.68 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	304785		
250	95.4	79.4	119.2	
141	59.0	36.3	54.5	





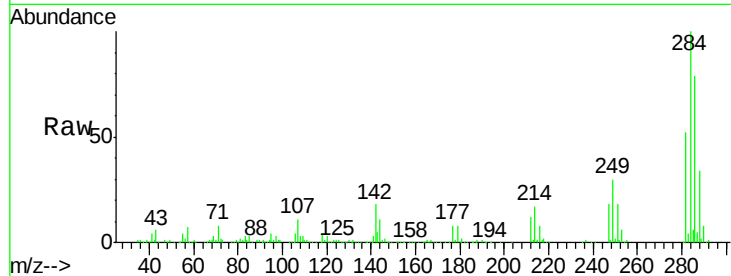
#67
Hexachlorobenzene
Concen: 40.90 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

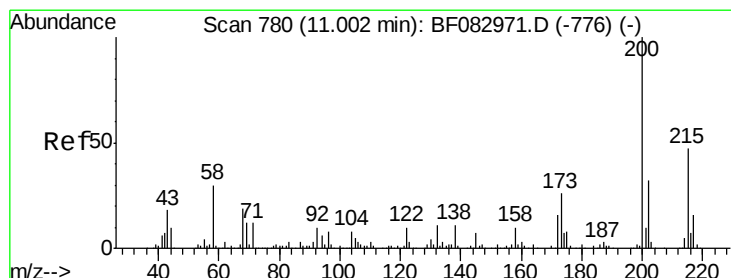
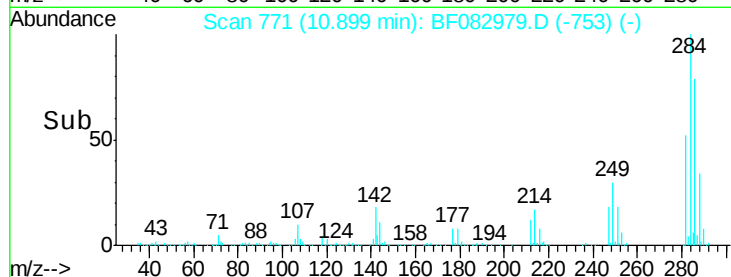
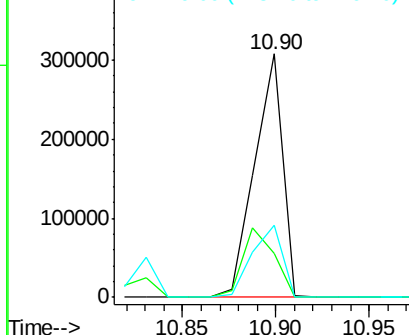
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	18.1	47.9	71.9#
249	29.6	29.7	44.5#

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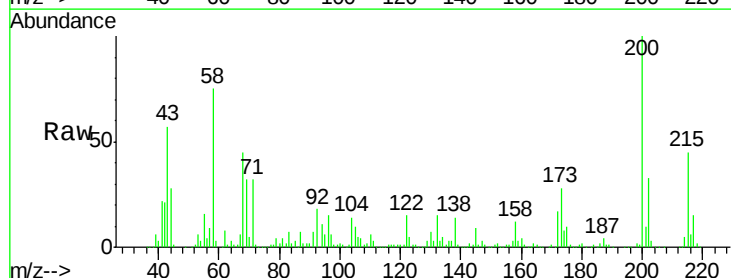


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

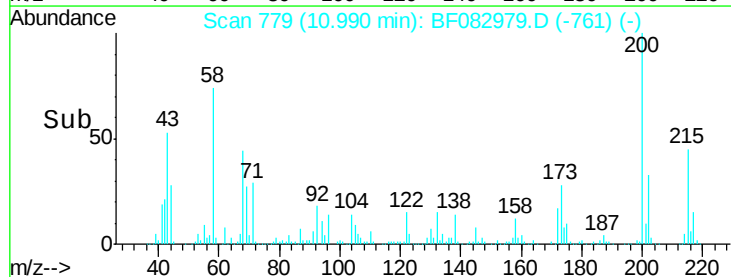
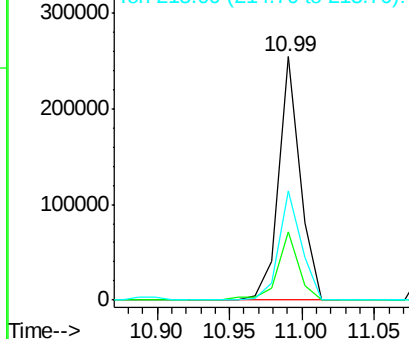


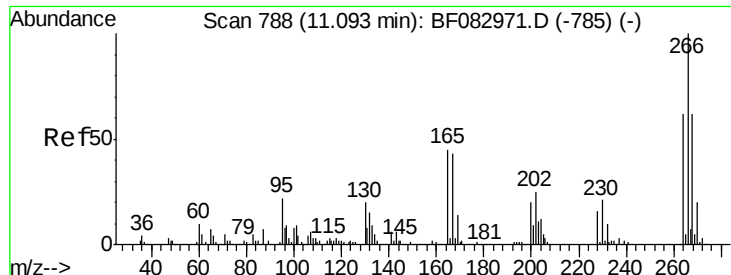
#68
Atrazine
Concen: 39.41 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.09 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.0	6.9	46.9
215	45.1	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





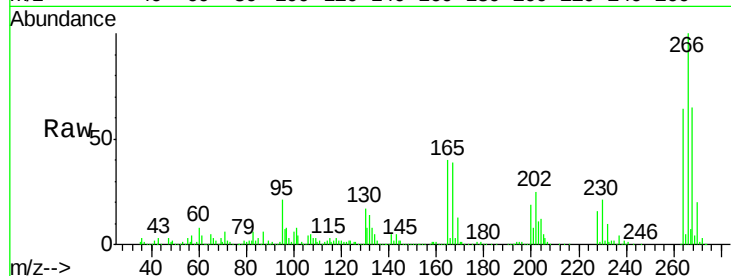
#69
 Pentachlorophenol
 Concen: 70.95 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

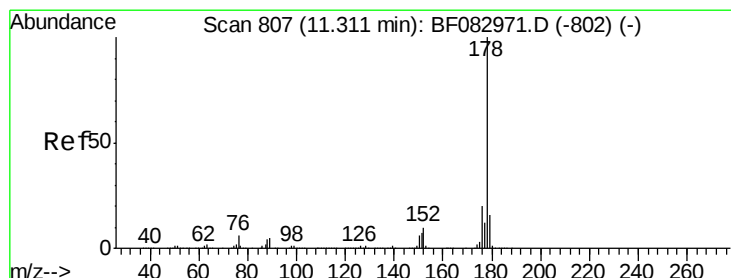
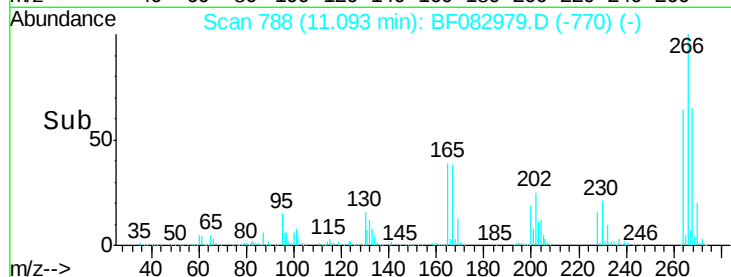
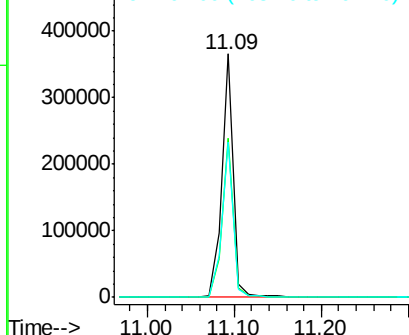
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	343571		
268	65.4	51.0	76.6	
264	63.9	50.6	75.8	

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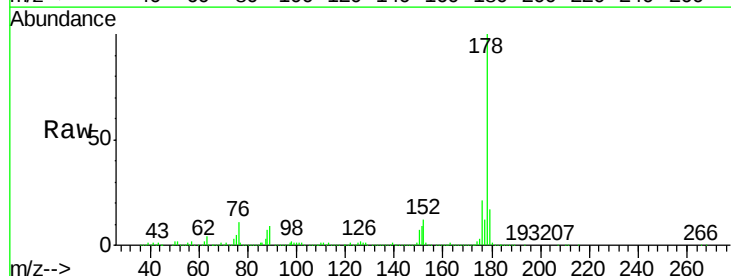


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

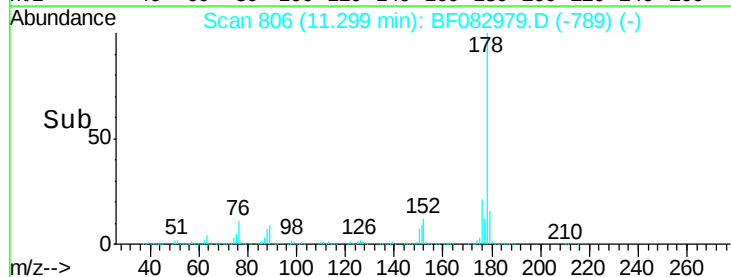
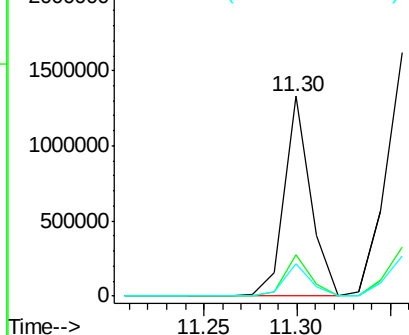


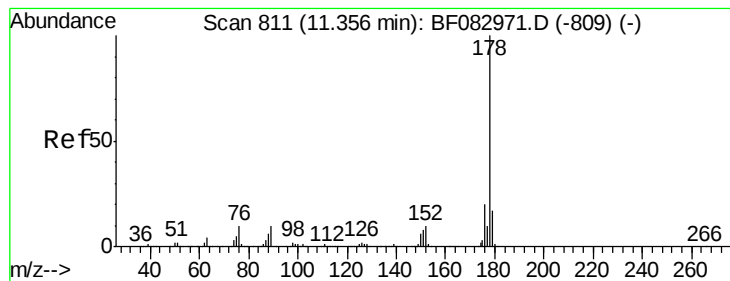
#70
 Phenanthrene
 Concen: 37.99 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1308602		
176	20.8	17.0	25.4	
179	16.5	13.4	20.0	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





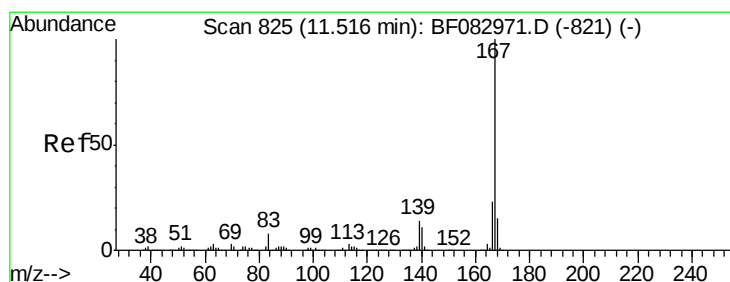
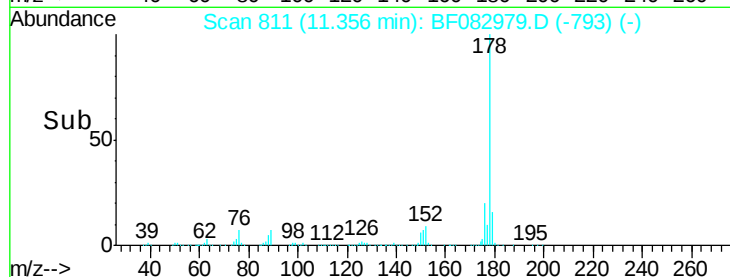
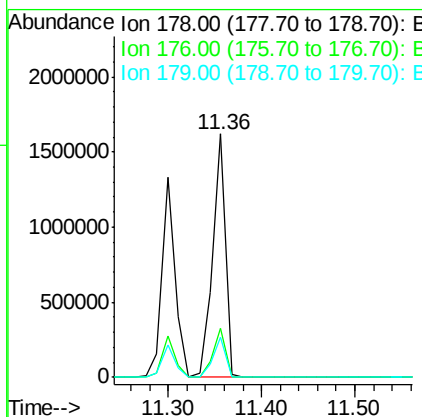
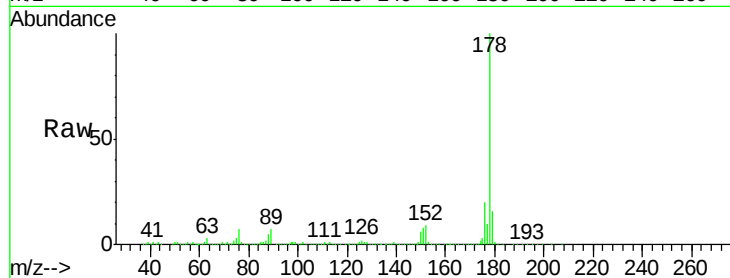
#71
 Anthracene
 Concen: 42.45 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion:178 Resp: 1540333
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.5 24.7
 179 16.5 13.2 19.8

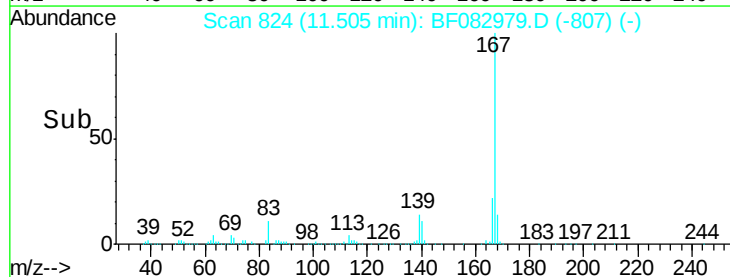
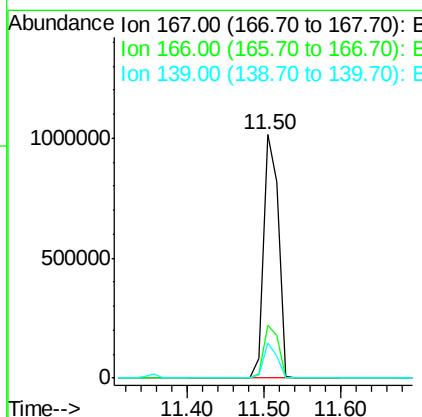
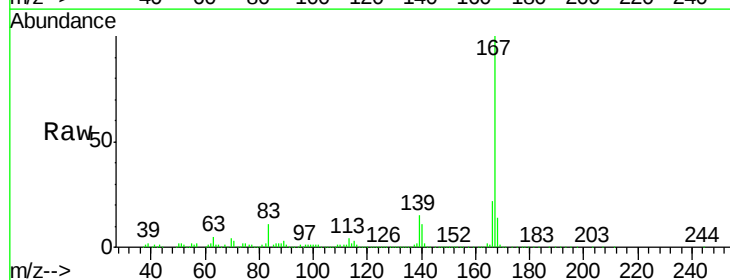
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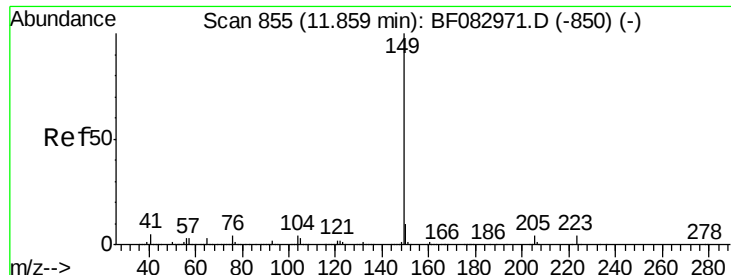
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#72
 Carbazole
 Concen: 41.68 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion:167 Resp: 1323792
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.7 28.1
 139 14.6 11.8 17.6





#73

Di-n-butylphthalate

Concen: 37.16 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:149 Resp: 1470388

Ion Ratio Lower Upper

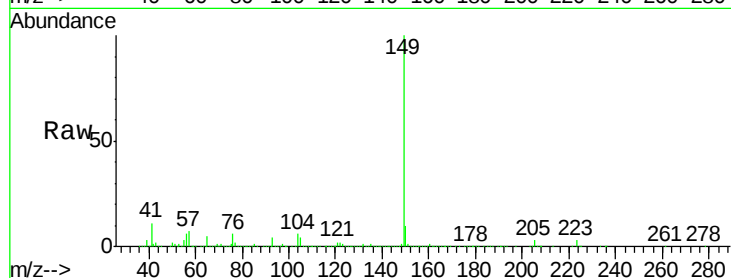
149 100

150 10.0 8.1 12.1

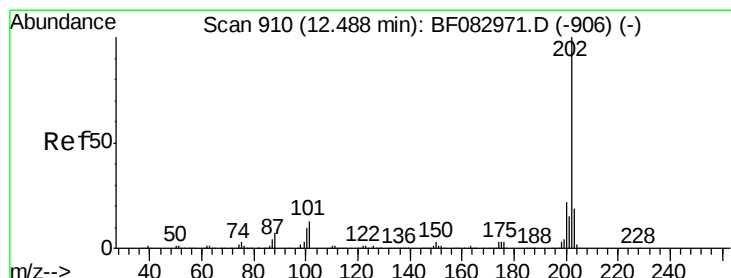
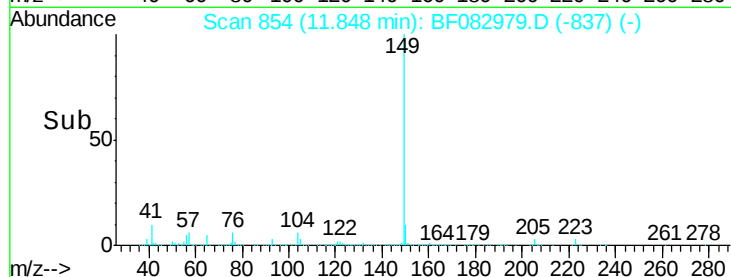
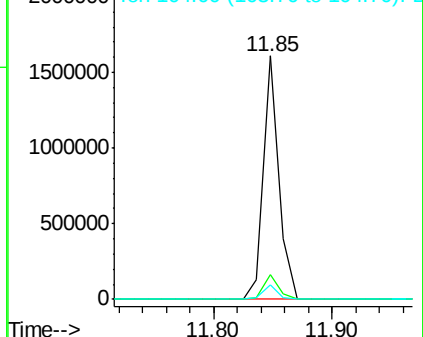
104 5.8 5.2 7.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.14 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

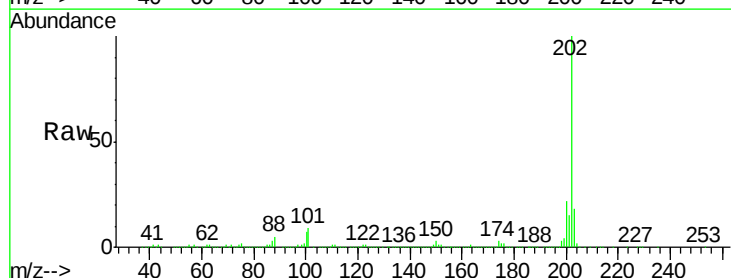
Tgt Ion:202 Resp: 1557511

Ion Ratio Lower Upper

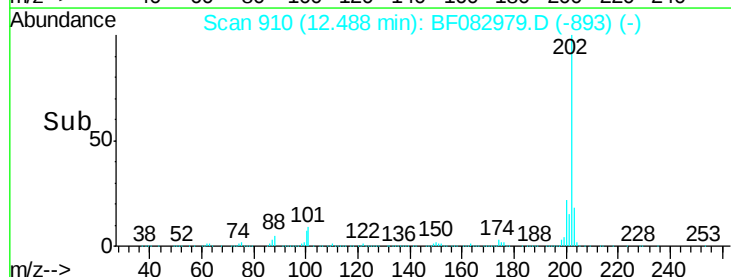
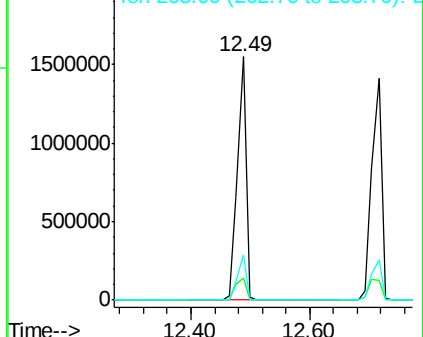
202 100

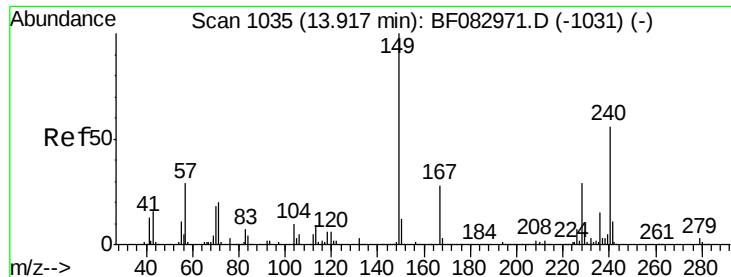
101 9.1 0.0 30.5

203 18.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

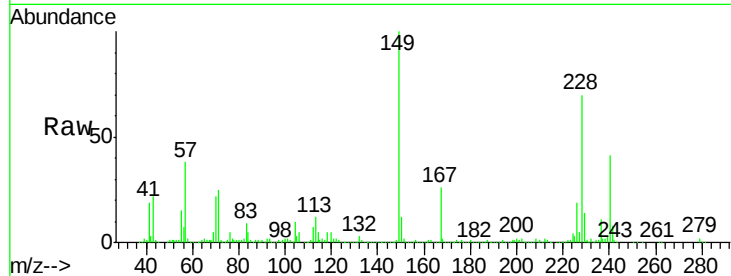
ClientSampleId :

SB-1MS

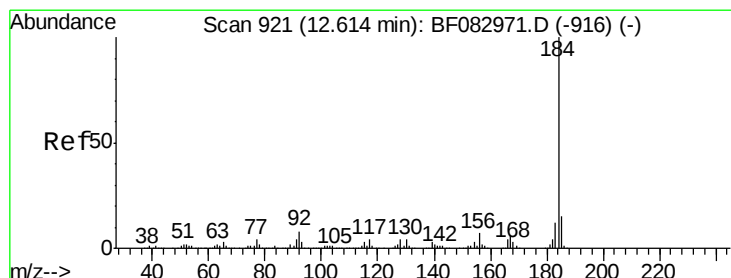
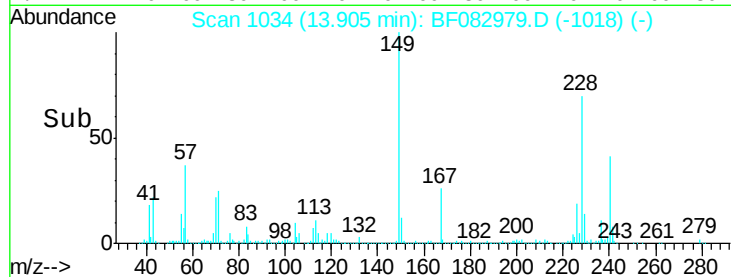
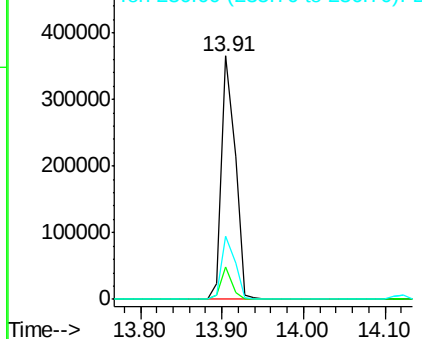
Tgt Ion:	240	Resp:	422297
Ion Ratio	Lower	Upper	
240	100		
120	13.2	10.9	16.3
236	26.0	21.6	32.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.88 ng

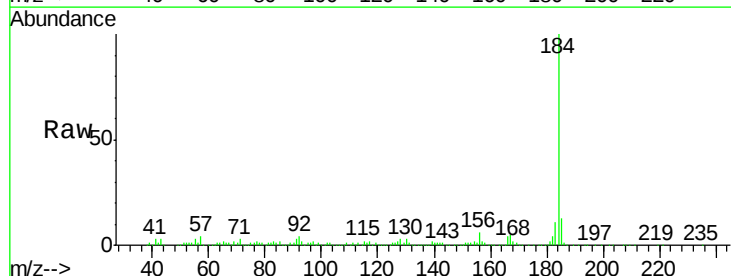
RT: 12.61 min Scan# 921

Delta R.T. -0.09 min

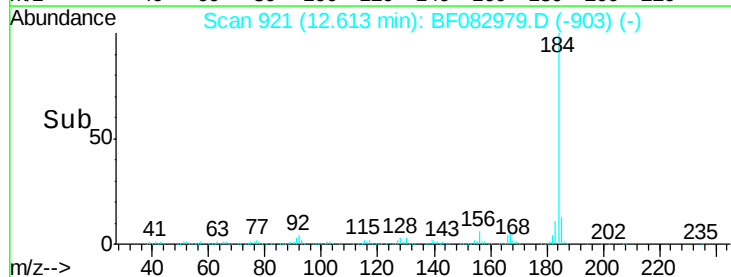
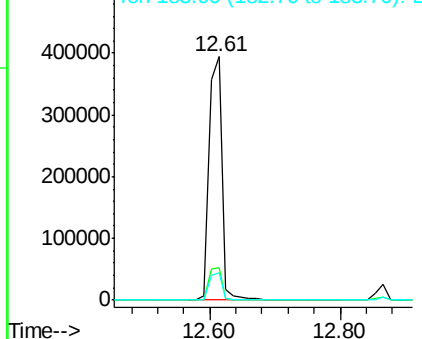
Lab File: BF082979.D

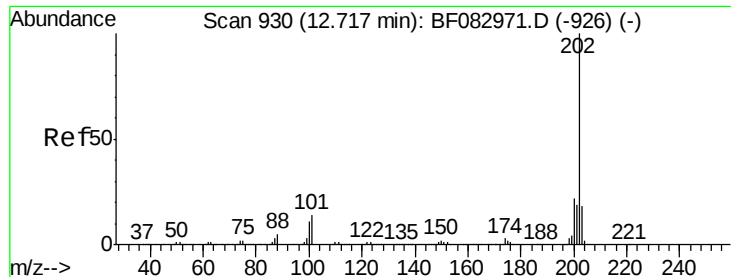
Acq: 17 Nov 2015 21:33

Tgt Ion:	184	Resp:	550246
Ion Ratio	Lower	Upper	
184	100		
185	13.1	12.0	18.0
183	11.2	9.6	14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 55.40 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:202 Resp: 1606605

Ion Ratio Lower Upper

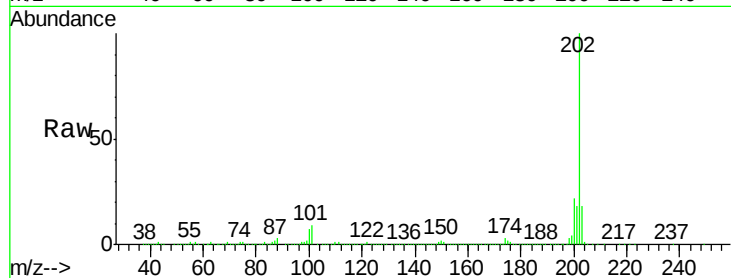
202 100

200 21.9 18.7 28.1

203 17.8 14.8 22.2

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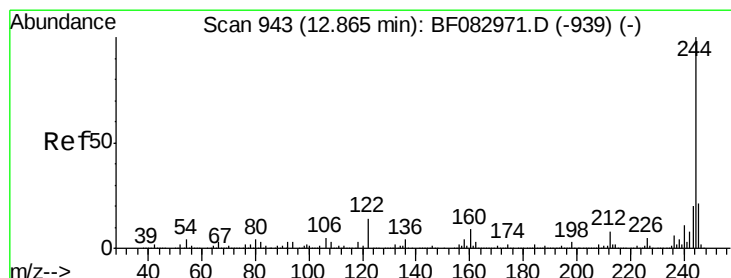
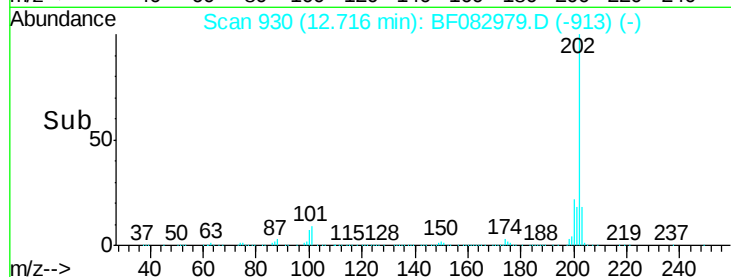
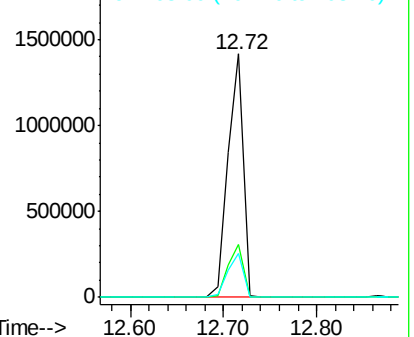
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.46 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

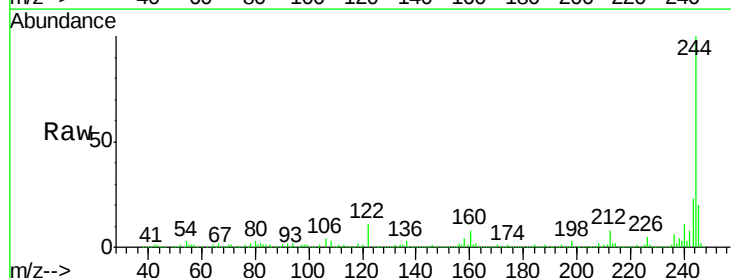
Tgt Ion:244 Resp: 1681844

Ion Ratio Lower Upper

244 100

212 8.3 7.6 11.4

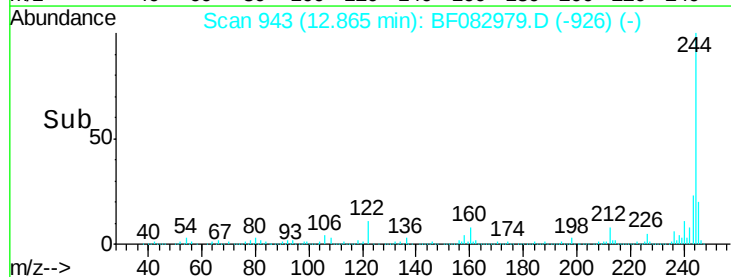
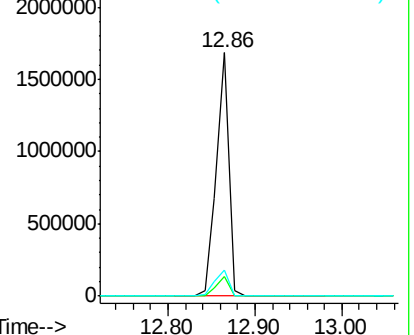
122 10.9 11.3 16.9#

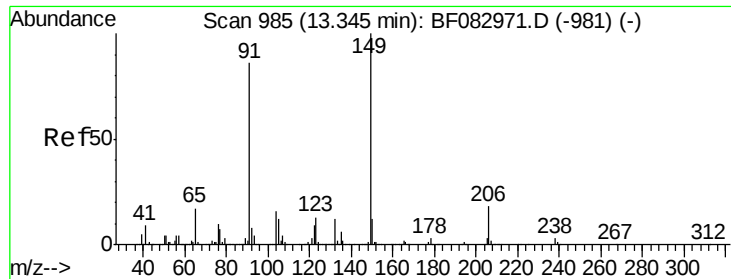


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 57.42 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082979.D

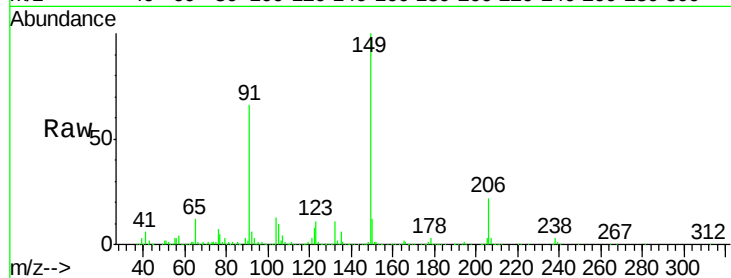
Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

SB-1MS



Tgt Ion:149 Resp: 735720

Ion Ratio Lower Upper

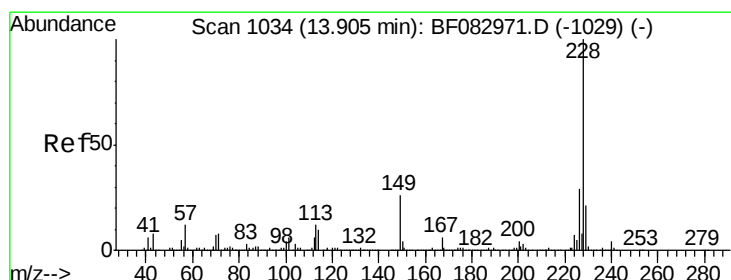
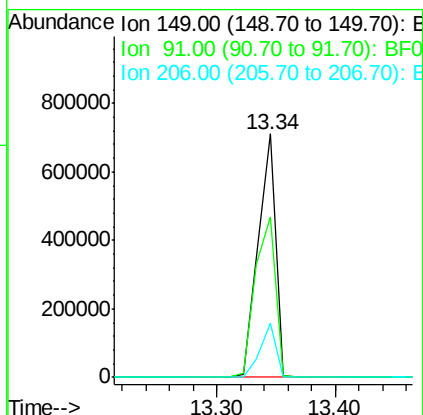
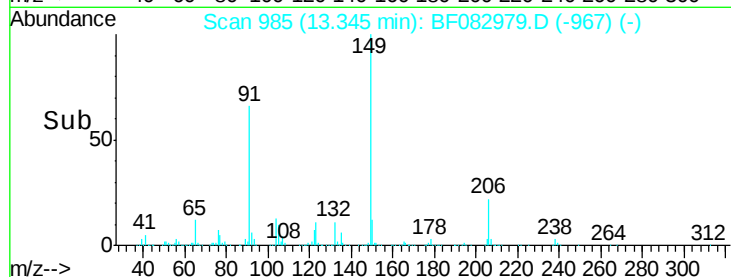
149 100

91 66.0 67.7 101.5#

206 22.0 14.6 22.0#

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#80

Benzo(a)anthracene

Concen: 48.05 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

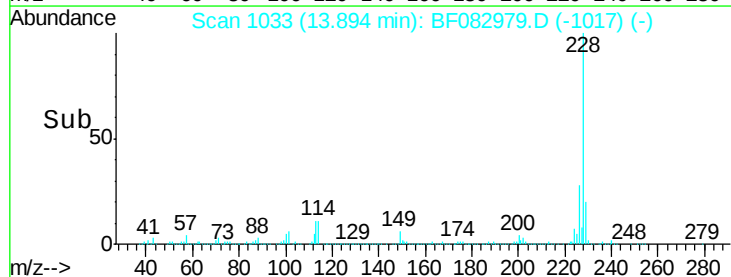
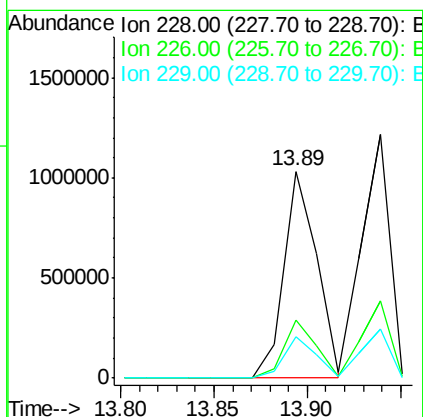
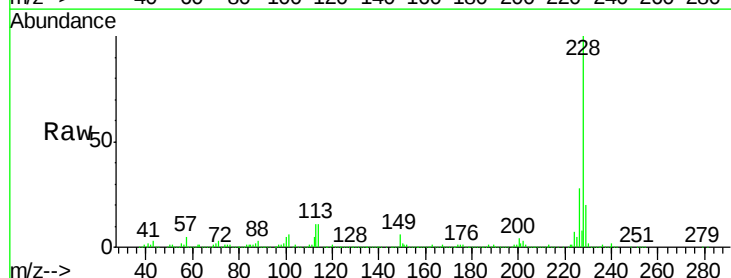
Tgt Ion:228 Resp: 1268790

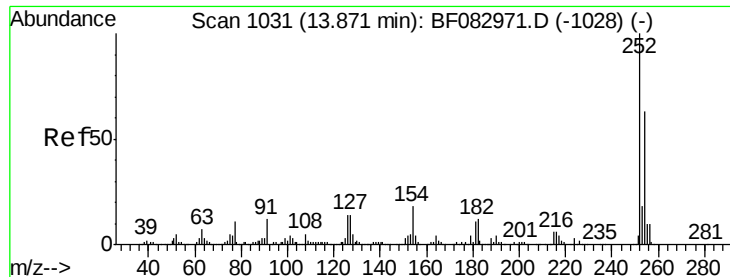
Ion Ratio Lower Upper

228 100

226 27.8 23.4 35.2

229 20.1 16.3 24.5





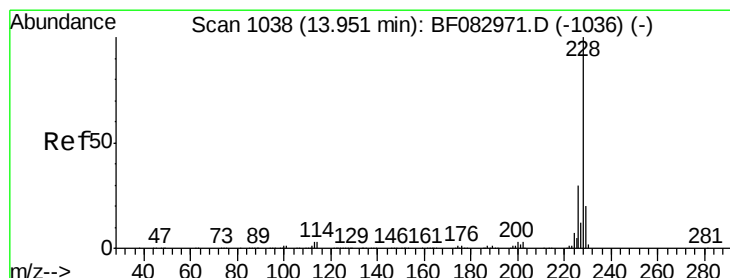
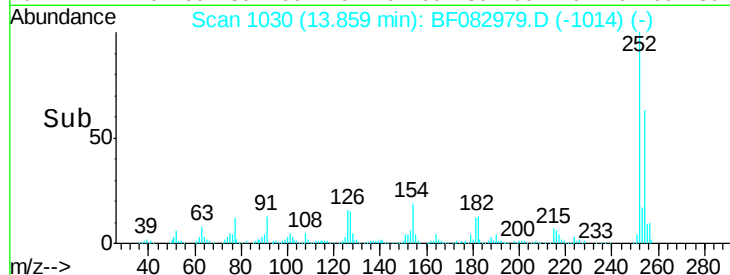
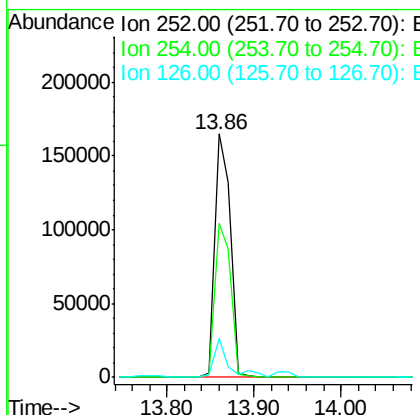
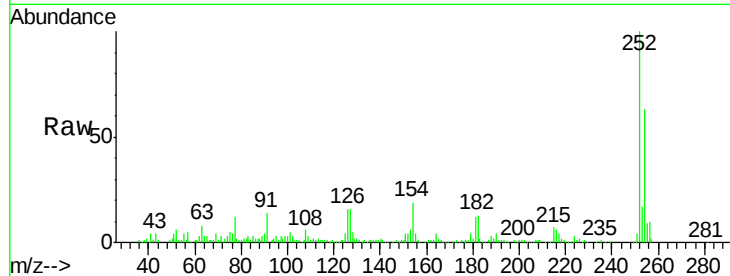
#81
 3,3'-Dichlorobenzidine
 Concen: 22.48 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	211083		
254	63.3	51.4	77.0	
126	15.9	10.7	16.1	

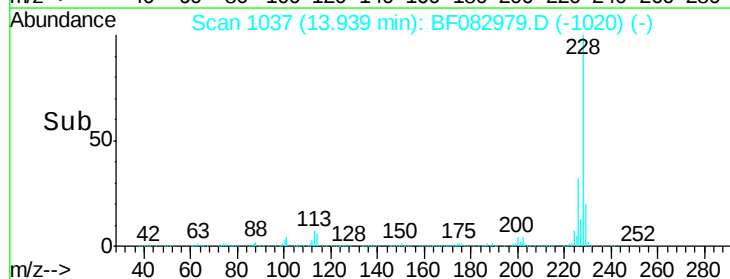
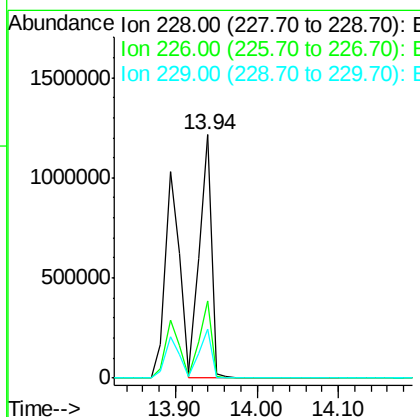
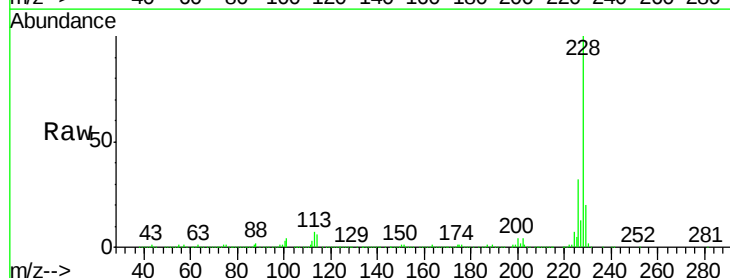
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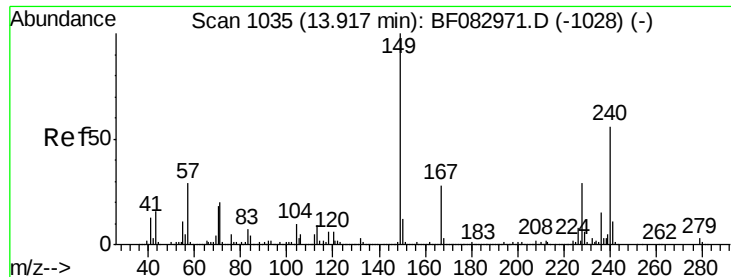
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#82
 Chrysene
 Concen: 52.62 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082979.D
 Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1272664		
226	31.8	25.5	38.3	
229	20.4	16.3	24.5	





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.41 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.10 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

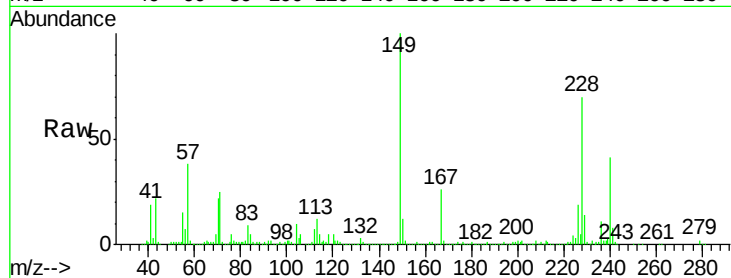
ClientSampleId :

SB-1MS

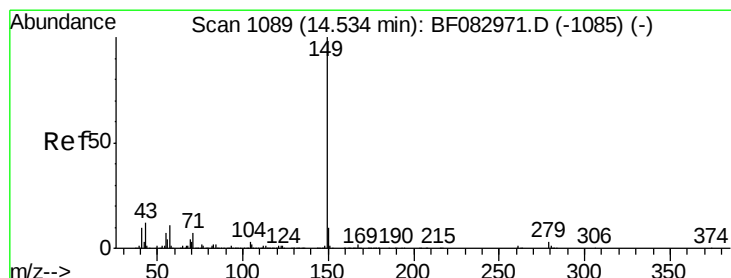
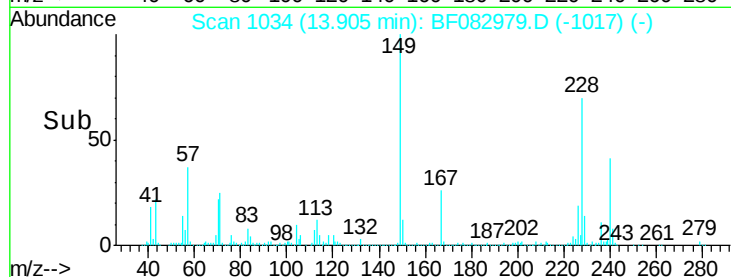
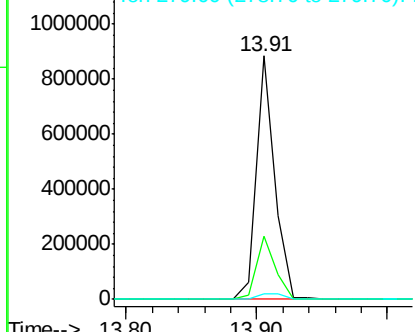
Tgt Ion:	149	Resp:	866457
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.2	31.8
279	2.3	2.2	3.2

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.79 ng

RT: 14.52 min Scan# 1088

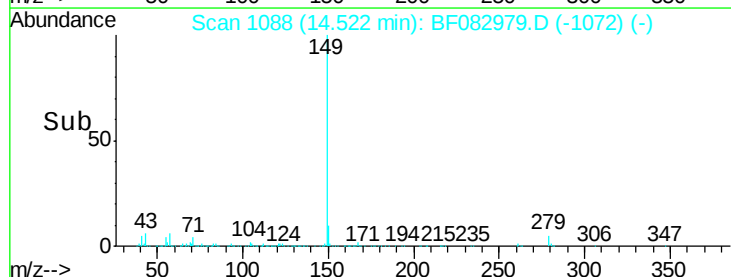
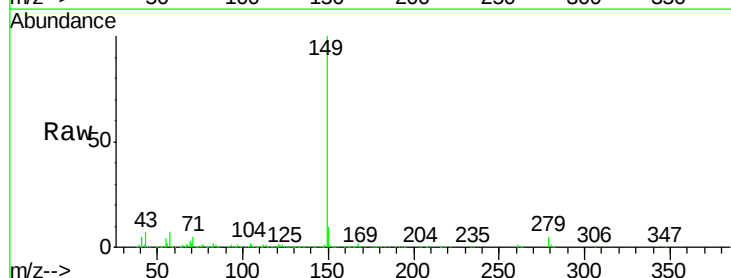
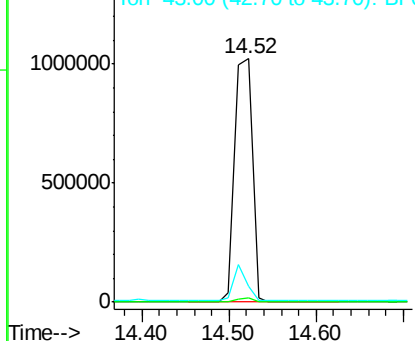
Delta R.T. -0.11 min

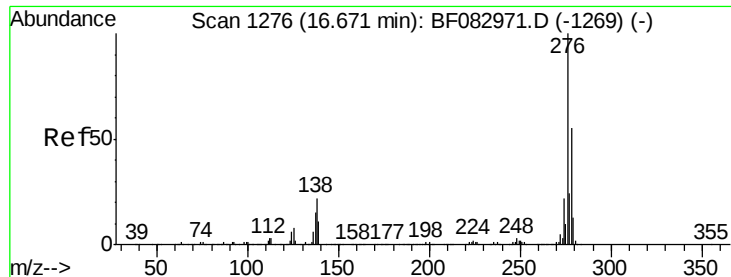
Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Tgt Ion:	149	Resp:	1427182
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	11.3	10.1	15.1

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





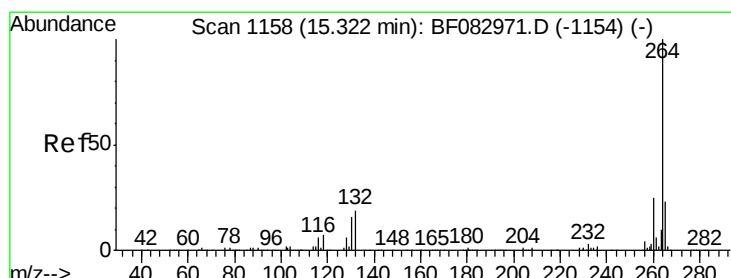
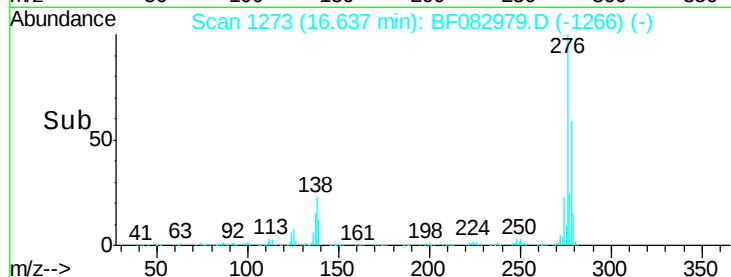
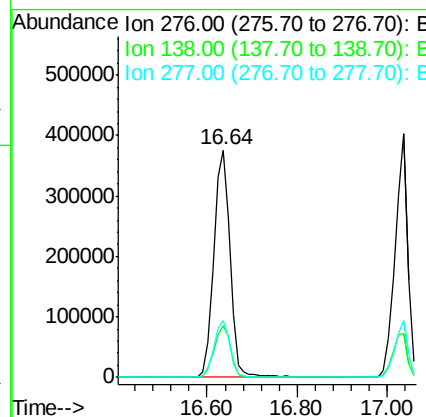
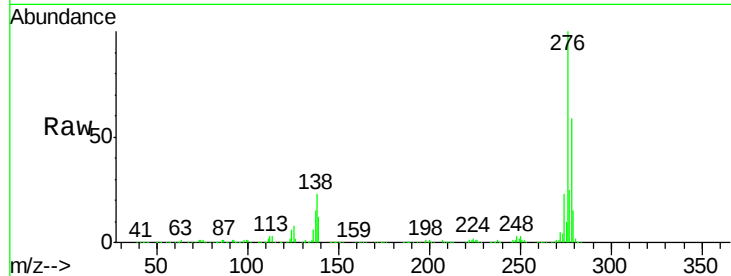
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.46 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.22 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampled :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	15.3	22.9#
277	24.8	20.2	30.4

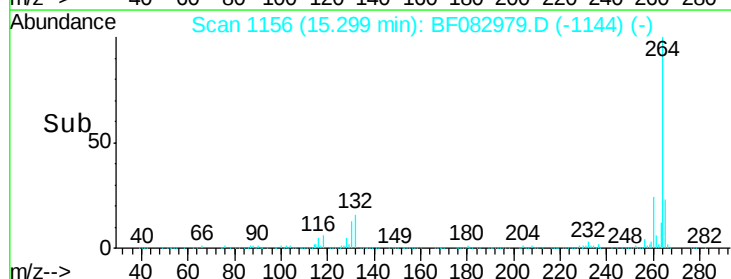
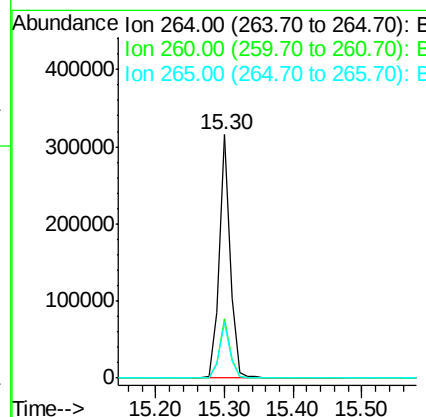
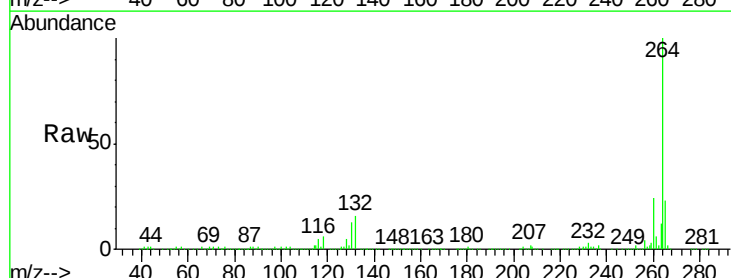
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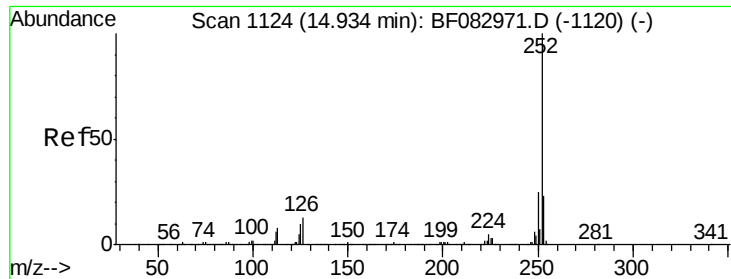
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.16 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	22.5	17.4	26.0





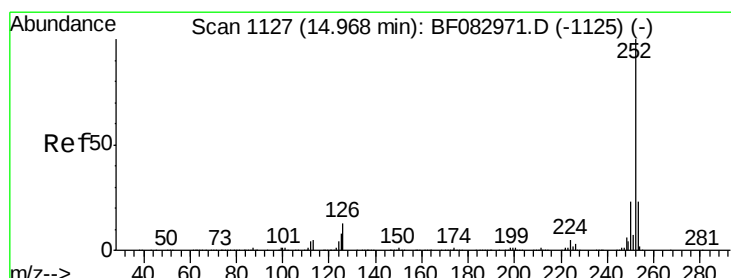
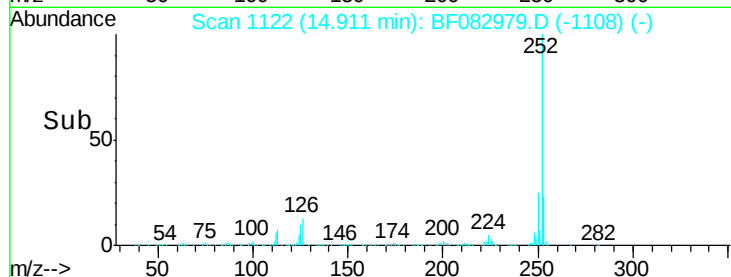
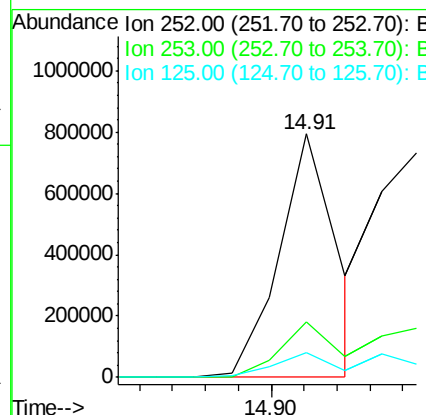
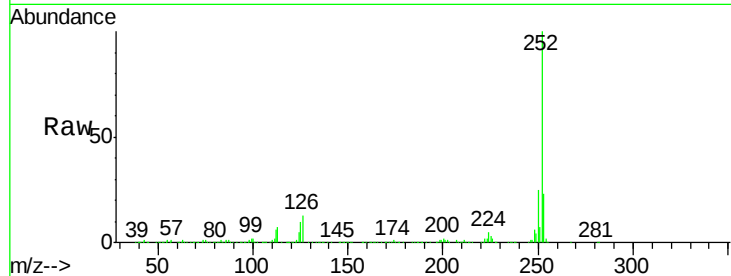
#87
Benzo(b)fluoranthene
Concen: 41.58 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.14 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	9.9	5.4	8.2#

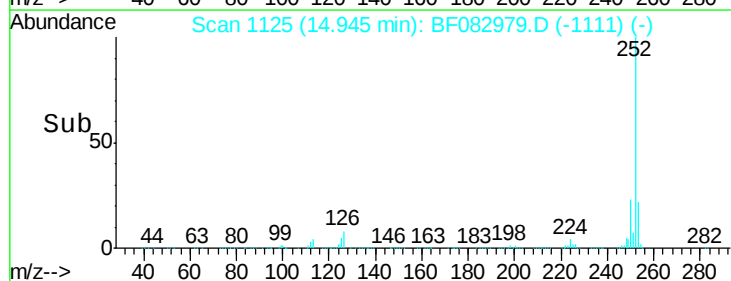
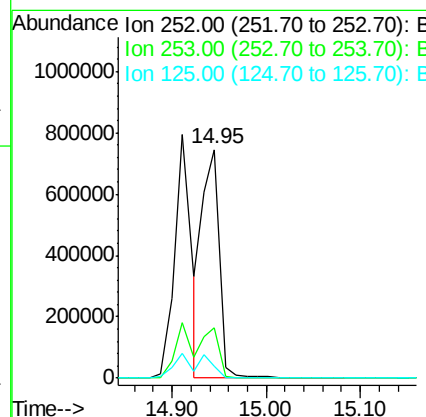
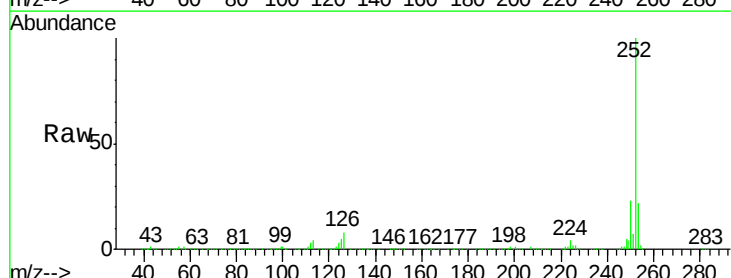
Manual Integrations
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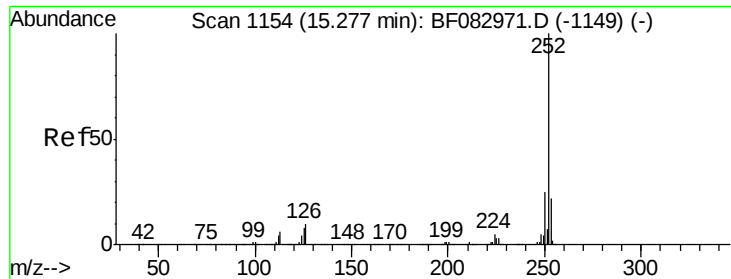
mohammad
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#88
Benzo(k)fluoranthene
Concen: 47.71 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.14 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	5.4	3.5	5.3#





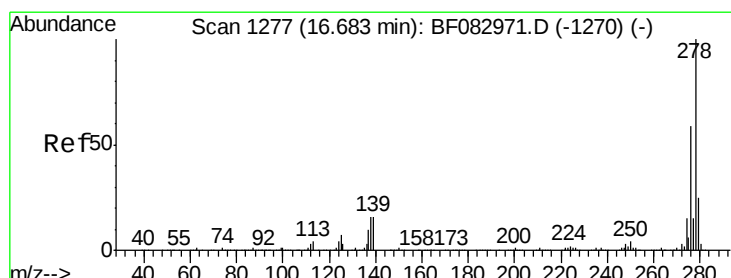
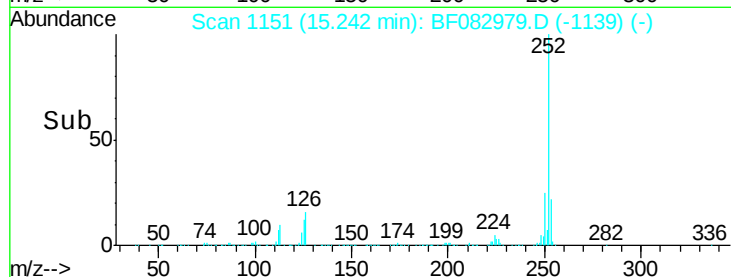
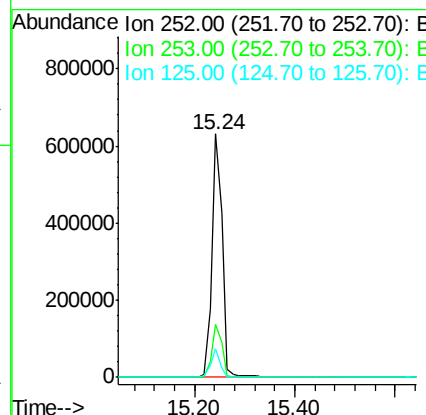
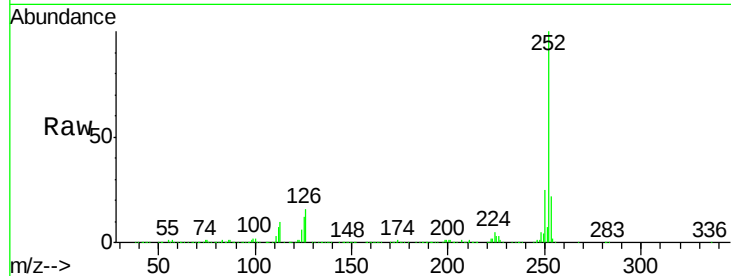
#89
Benzo(a)pyrene
Concen: 44.44 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.16 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Instrument :
BNA_F
ClientSampleId :
SB-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	11.7	7.1	10.7

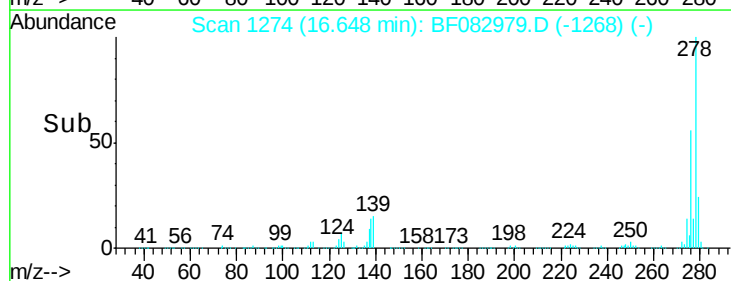
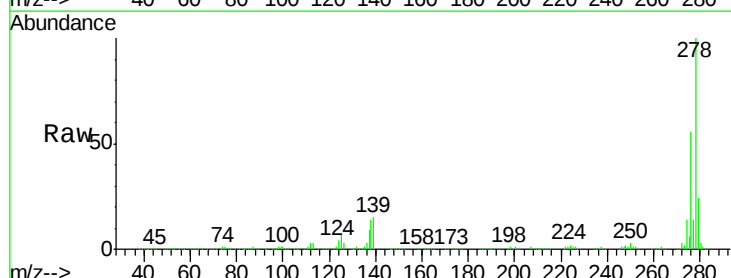
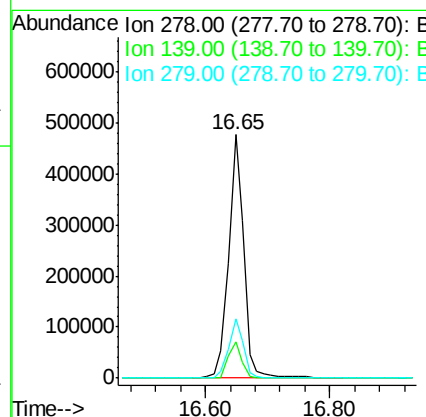
Manual Integrations
APPROVED

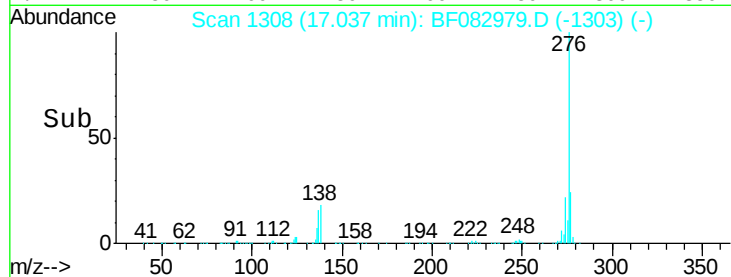
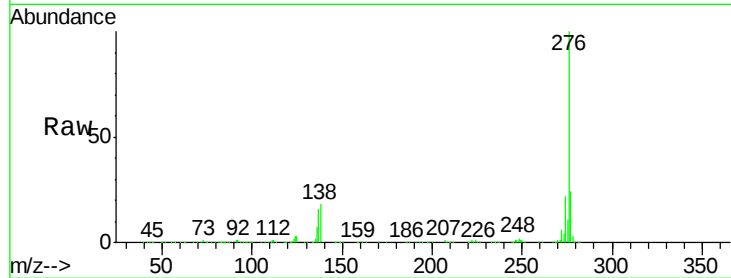
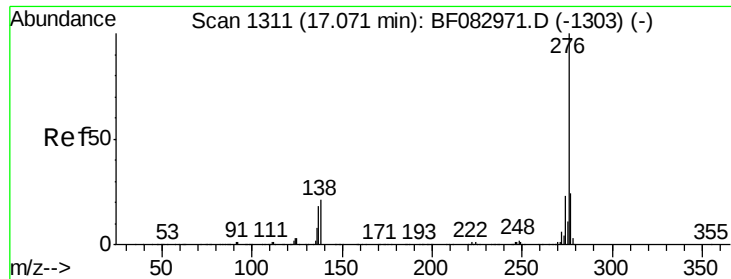
mohammad
11/19/2015 8:25:19 AM



#90
Dibenzo(a,h)anthracene
Concen: 47.21 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.23 min
Lab File: BF082979.D
Acq: 17 Nov 2015 21:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	9.9	14.9
279	24.4	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 49.30 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.24 min

Lab File: BF082979.D

Acq: 17 Nov 2015 21:33

Instrument :

BNA_F

ClientSampleId :

SB-1MS

Tgt Ion:	276	Resp:	799303
Ion Ratio		Lower	Upper
276	100		
277	23.5	19.2	28.8
138	18.1	13.1	19.7

Manual Integrations
APPROVED

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11/19/2015 8:25:19 AM

