

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082980.D
 Acq On : 17 Nov 2015 22:02
 Operator : UM/IZ
 Sample : G4426-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Manual Integrations
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mohammad
 11/19/2015 8:25:22 AM

Quant Time: Nov 18 06:28:49 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	155906m	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	616120	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	307049	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	584644	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	401698	20.00	ng	-0.11
86) Perylene-d12	15.30	264	346518	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1134906	113.26	ng	-0.08
7) Phenol-d6	6.42	99	1718191	128.98	ng	-0.07
23) Nitrobenzene-d5	7.32	82	977994	69.07	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	378958	107.64	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1562246	72.92	ng	-0.09
78) Terphenyl-d14	12.87	244	1566599	92.50	ng	-0.10

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.34	88	181780	42.05	ng	96
3) Pyridine	3.01	79	514887	41.04	ng	93
4) n-Nitrosodimethylamine	2.96	42	246052	39.54	ng	# 75
6) Aniline	6.42	93	490356m	26.22	ng	
8) 2-Chlorophenol	6.54	128	451876	40.68	ng	83
9) Benzaldehyde	6.29	77	45688m	6.21	ng	
10) Phenol	6.43	94	647477	42.84	ng	77
11) bis(2-Chloroethyl)ether	6.50	93	493665	43.67	ng	87
12) 1,3-Dichlorobenzene	6.69	146	456958	36.48	ng	93
13) 1,4-Dichlorobenzene	6.77	146	506268	38.84	ng	95
14) 1,2-Dichlorobenzene	6.93	146	451441	38.09	ng	96
15) Benzyl Alcohol	6.91	79	471054	40.27	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	746026	45.00	ng	94
17) 2-Methylphenol	7.04	107	415684	44.18	ng	97
18) Hexachloroethane	7.28	117	193357m	41.48	ng	
19) n-Nitroso-di-n-propylamine	7.18	70	414903m	42.37	ng	
20) 3+4-Methylphenols	7.18	107	489689	40.03	ng	# 63
22) Acetophenone	7.17	105	733939	41.57	ng	99
24) Nitrobenzene	7.34	77	619148	42.76	ng	99
25) Isophorone	7.58	82	1052908	40.19	ng	98
26) 2-Nitrophenol	7.66	139	242778	40.17	ng	# 54
27) 2,4-Dimethylphenol	7.71	122	395018	36.37	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	655202	44.34	ng	98
29) 2,4-Dichlorophenol	7.90	162	384466	39.17	ng	86
30) 1,2,4-Trichlorobenzene	7.98	180	402561	36.47	ng	97
31) Naphthalene	8.06	128	1301723	38.29	ng	99
32) Benzoic acid	7.81	122	127942	17.21	ng	94
33) 4-Chloroaniline	8.11	127	247966	16.93	ng	94
34) Hexachlorobutadiene	8.19	225	256520	37.14	ng	99
35) Caprolactam	8.49	113	141301m	45.66	ng	
36) 4-Chloro-3-methylphenol	8.61	107	428529	37.13	ng	92
37) 2-Methylnaphthalene	8.75	142	833347	37.90	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	345880	34.28	ng	97
40) Hexachlorocyclopentadiene	8.92	237	449451	82.91	ng	95

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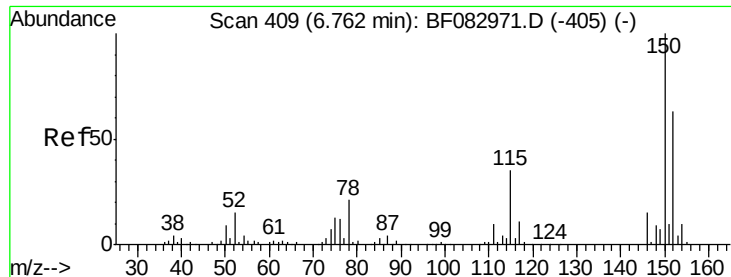
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	278758	37.01	ng	97
43) 2,4,5-Trichlorophenol	9.09	196	298178	40.03	ng #	76
45) 1,1'-Biphenyl	9.22	154	927919	35.22	ng	95
46) 2-Chloronaphthalene	9.24	162	784148	38.15	ng	96
47) 2-Nitroaniline	9.34	65	333505	43.74	ng #	63
48) Acenaphthylene	9.65	152	1221316	37.92	ng	98
49) Dimethylphthalate	9.53	163	1377427	54.75	ng	100
50) 2,6-Dinitrotoluene	9.58	165	205264	38.24	ng	98
51) Acenaphthene	9.82	154	852446	41.76	ng	99
52) 3-Nitroaniline	9.76	138	163588	27.71	ng #	59
53) 2,4-Dinitrophenol	9.86	184	187596	63.65	ng #	20
54) Dibenzofuran	10.01	168	1139551	41.40	ng #	85
55) 4-Nitrophenol	9.94	139	381052	84.14	ng	91
56) 2,4-Dinitrotoluene	9.98	165	271607	37.29	ng	94
57) Fluorene	10.34	166	859816	38.58	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242236	39.84	ng #	86
59) Diethylphthalate	10.24	149	973240	39.62	ng	96
60) 4-Chlorophenyl-phenylether	10.34	204	423948	38.01	ng #	90
61) 4-Nitroaniline	10.37	138	247953	41.77	ng #	69
62) Azobenzene	10.50	77	1167239	44.24	ng	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	153105	36.76	ng #	72
65) n-Nitrosodiphenylamine	10.46	169	819411	38.80	ng	97
66) 4-Bromophenyl-phenylether	10.83	248	274883	39.05	ng	94
67) Hexachlorobenzene	10.90	284	294355	37.45	ng #	57
68) Atrazine	10.99	200	246057	37.67	ng	96
69) Pentachlorophenol	11.09	266	331568	69.46	ng	98
70) Phenanthrene	11.30	178	1223300	36.03	ng	98
71) Anthracene	11.36	178	1434318	40.10	ng	99
72) Carbazole	11.50	167	1158601	37.01	ng	98
73) Di-n-butylphthalate	11.85	149	1399823	35.89	ng	99
74) Fluoranthene	12.49	202	1421607	39.02	ng	97
76) Benzidine	12.61	184	544906	40.48	ng	98
77) Pyrene	12.72	202	1397912	50.67	ng	99
79) Butylbenzylphthalate	13.35	149	648746	53.23	ng #	83
80) Benzo(a)anthracene	13.89	228	1073634	42.74	ng	98
81) 3,3'-Dichlorobenzidine	13.86	252	202188	22.64	ng	98
82) Chrysene	13.94	228	1083662	47.10	ng	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	804878	48.25	ng #	98
84) Di-n-octyl phthalate	14.52	149	1294576	46.53	ng	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	882632	44.54	ng #	95
87) Benzo(b)fluoranthene	14.91	252	827288m	37.19	ng	
88) Benzo(k)fluoranthene	14.95	252	815097m	41.31	ng	
89) Benzo(a)pyrene	15.24	252	760673	39.47	ng #	97
90) Dibenzo(a,h)anthracene	16.65	278	743961	45.59	ng #	97
91) Benzo(g,h,i)perylene	17.04	276	739185	47.29	ng	96

(#) = 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: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

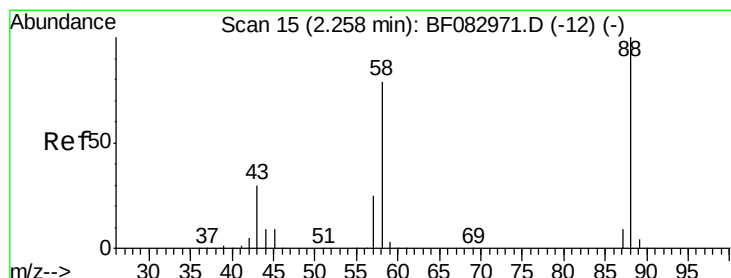
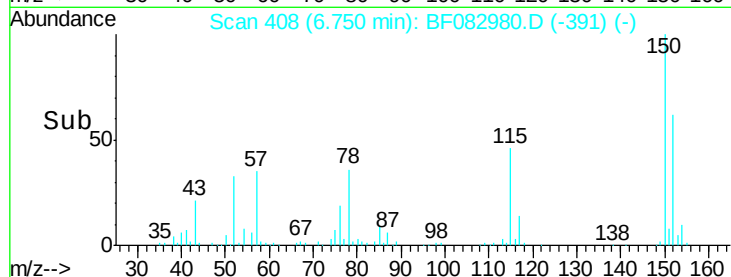
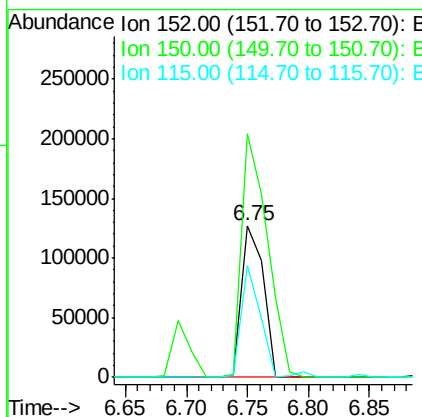
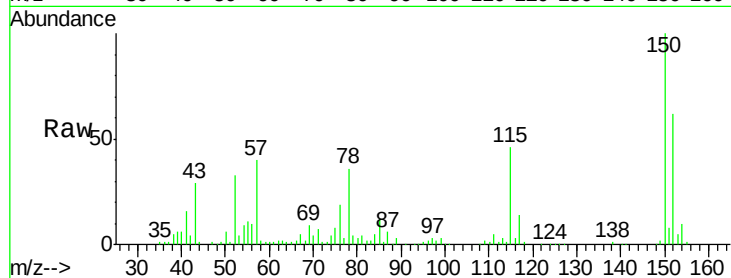
ClientSampleId :

SB-1MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.0	190.4
115	73.9	47.0	70.6

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#2

1,4-Dioxane

Concen: 42.05 ng

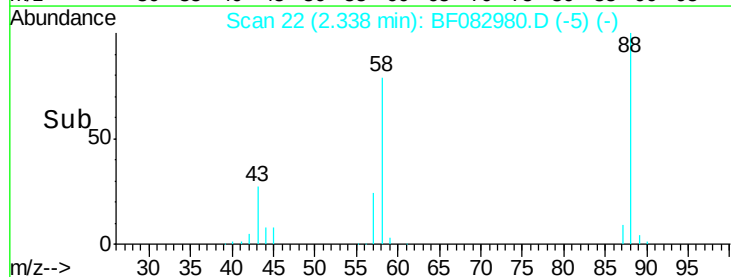
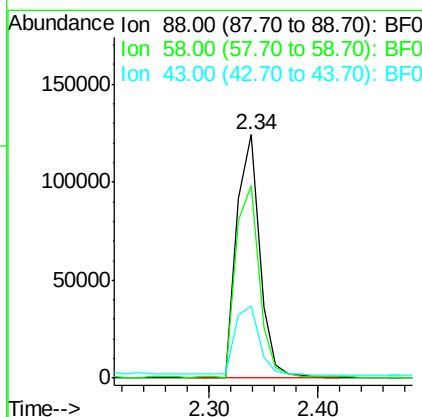
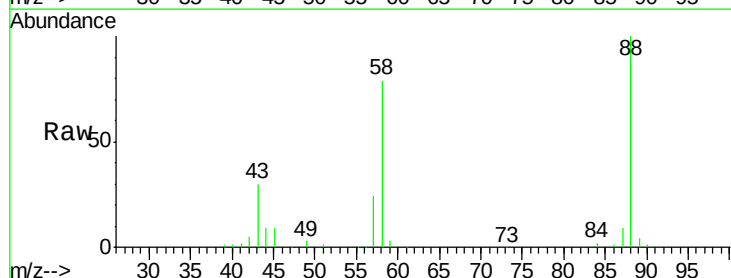
RT: 2.34 min Scan# 22

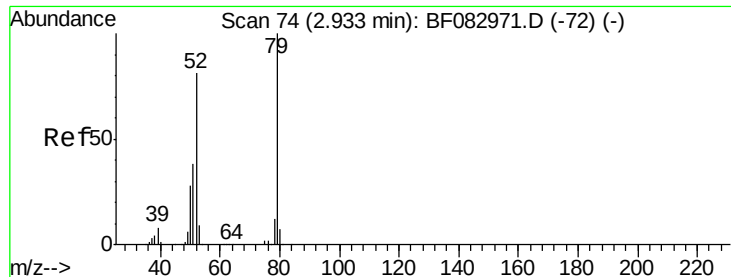
Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.0	93.0
43	29.6	26.6	40.0





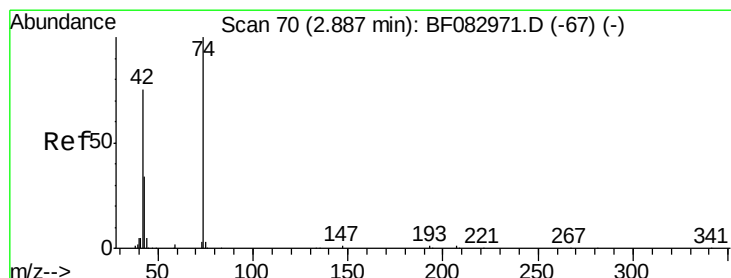
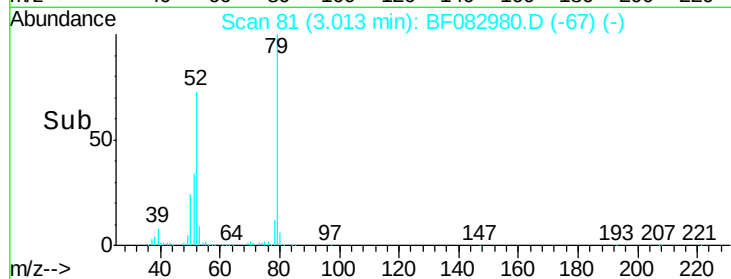
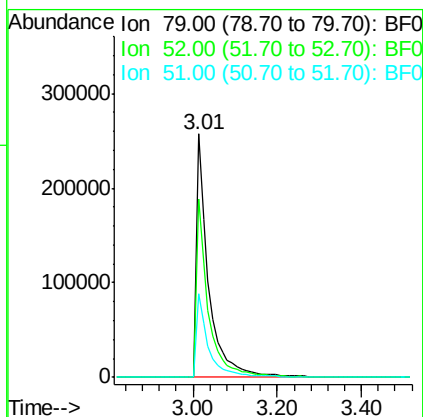
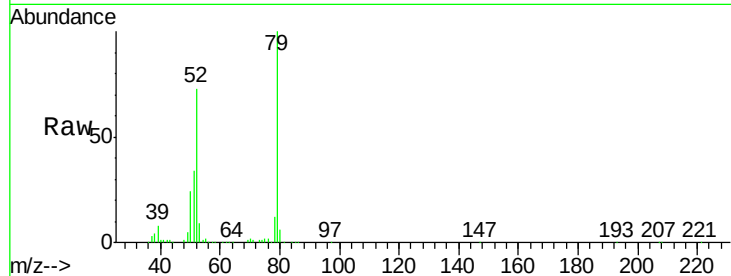
#3
 Pyridine
 Concen: 41.04 ng
 RT: 3.01 min Scan# 81
 Delta R.T. -0.14 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
52	73.2	62.8	94.2
51	34.5	32.0	48.0

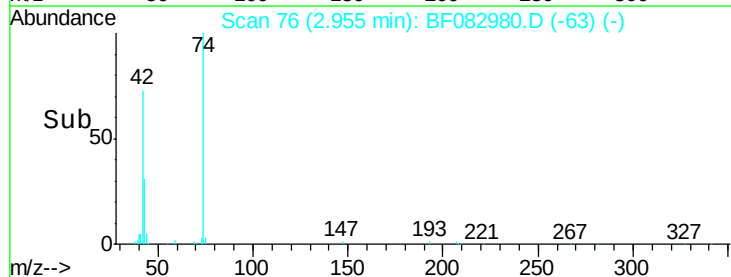
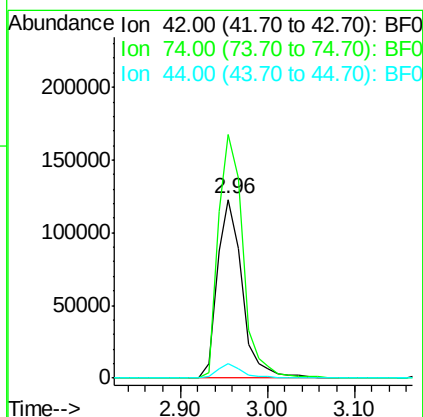
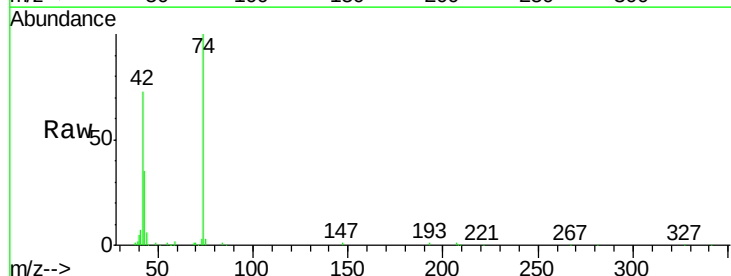
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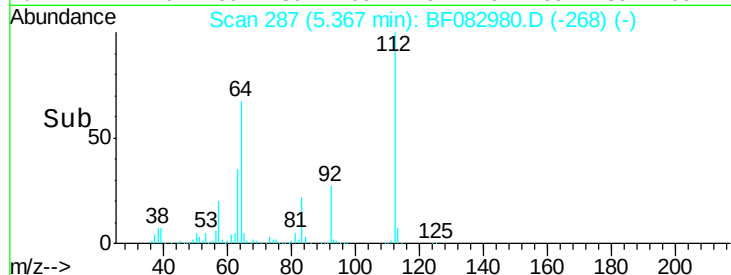
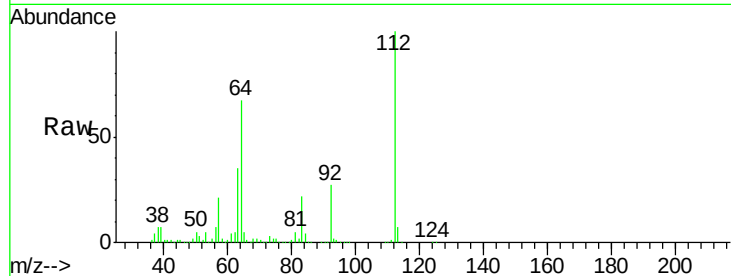
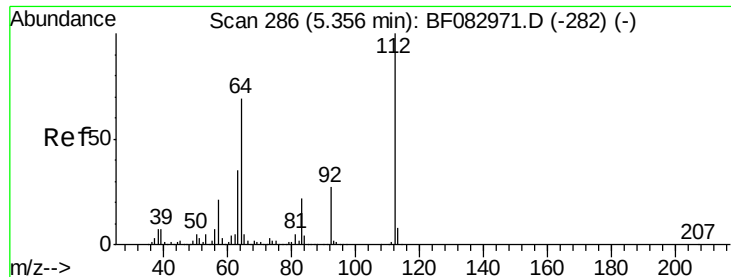
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#4
 n-Nitrosodimethylamine
 Concen: 39.54 ng
 RT: 2.96 min Scan# 76
 Delta R.T. -0.15 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.5	87.0	130.4#
44	8.0	5.8	8.8





#5

2-Fluorophenol

Concen: 113.26 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.08 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tgt Ion: 112 Resp: 1134906

Ion Ratio Lower Upper

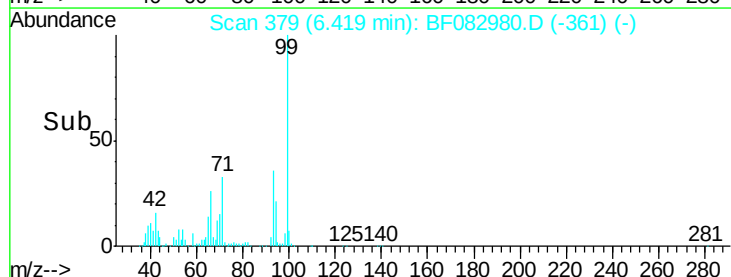
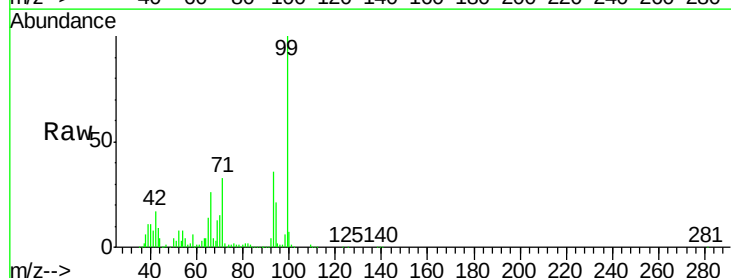
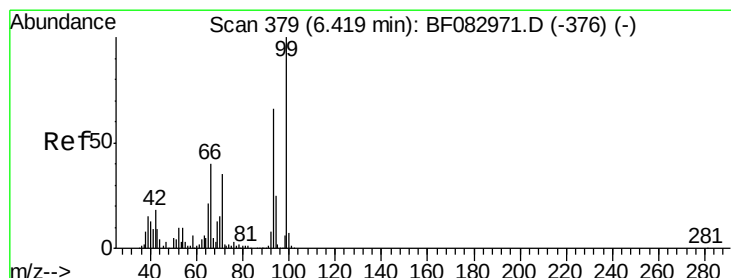
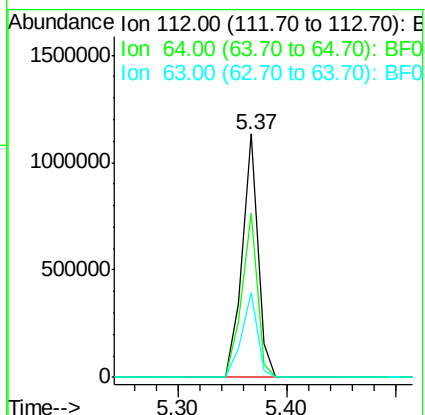
112 100

64 67.4 48.9 73.3

63 34.9 28.1 42.1

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#6

Aniline

Concen: 26.22 ng m

RT: 6.42 min Scan# 379

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

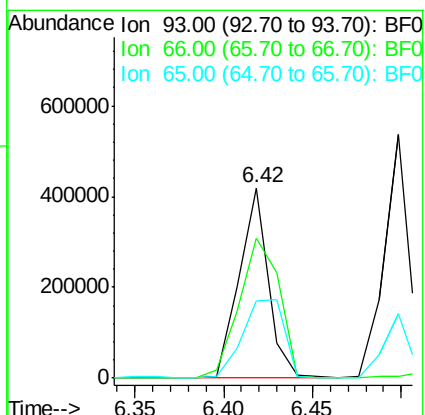
Tgt Ion: 93 Resp: 490356

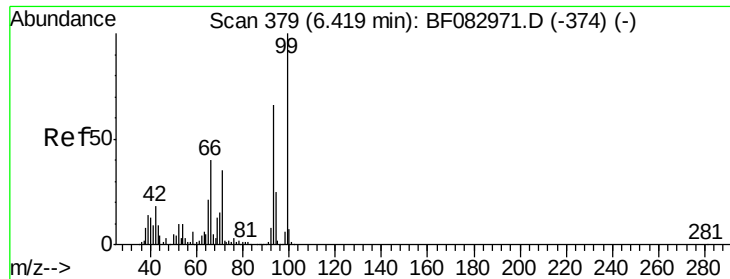
Ion Ratio Lower Upper

93 100

66 73.6 33.6 50.4#

65 40.2 18.1 27.1#





#7

Phenol-d6

Concen: 128.98 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.07 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

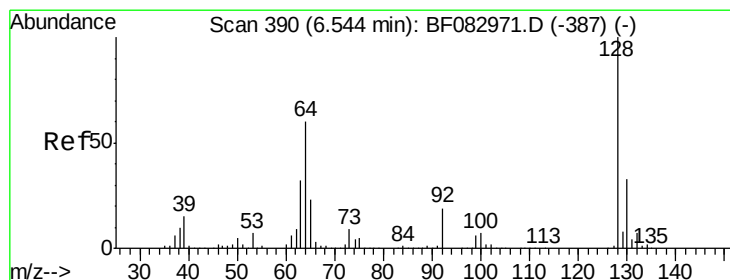
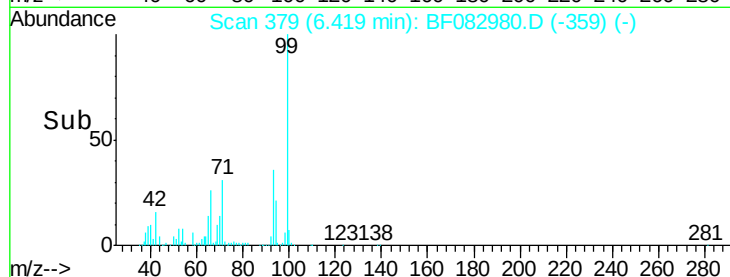
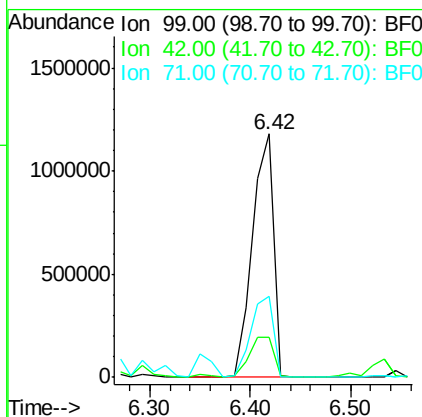
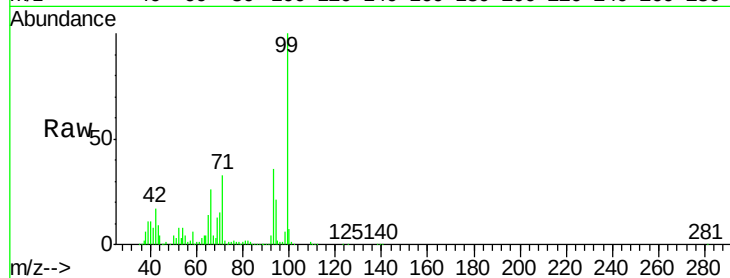
ClientSampleId :

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Tgt Ion:	99	Resp:	1718191
Ion	Ratio	Lower	Upper
99	100		
42	16.7	19.2	28.8#
71	33.4	35.0	52.4#

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#8

2-Chlorophenol

Concen: 40.68 ng

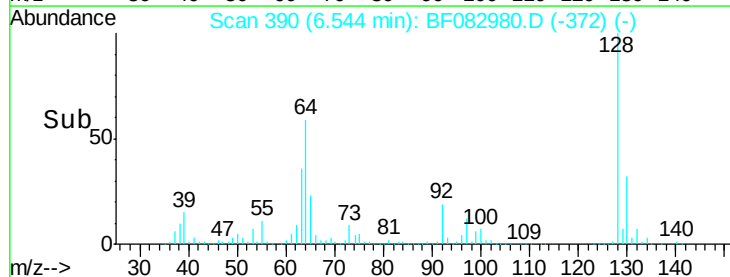
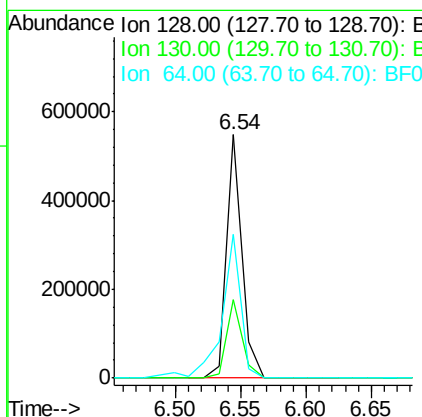
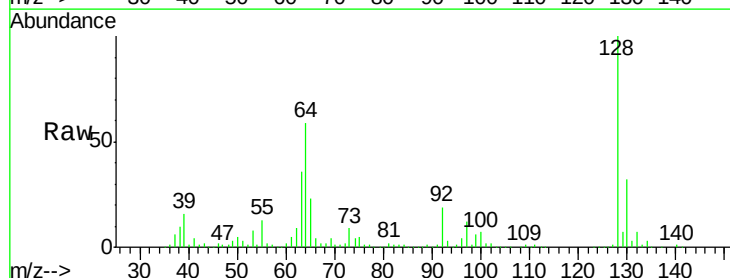
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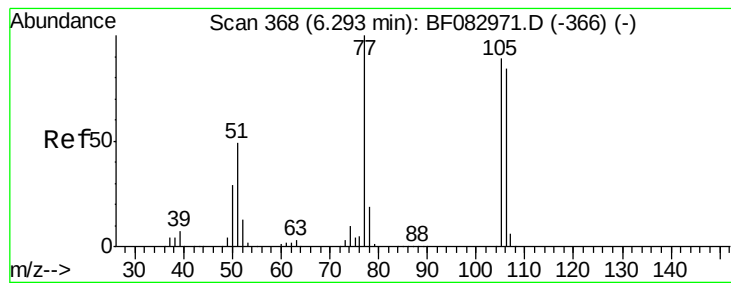
Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:	128	Resp:	451876
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.5	53.5
64	58.8	21.1	61.1





#9

Benzaldehyde

Concen: 6.21 ng m

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

Lab File: BF082980.D

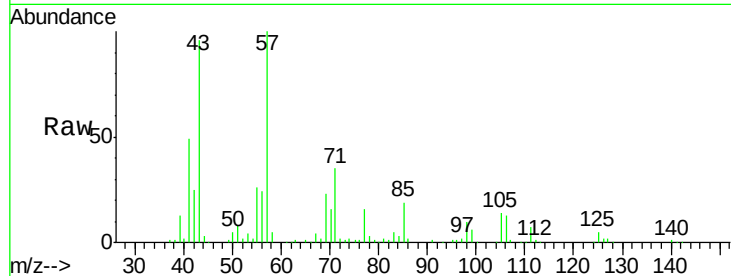
Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

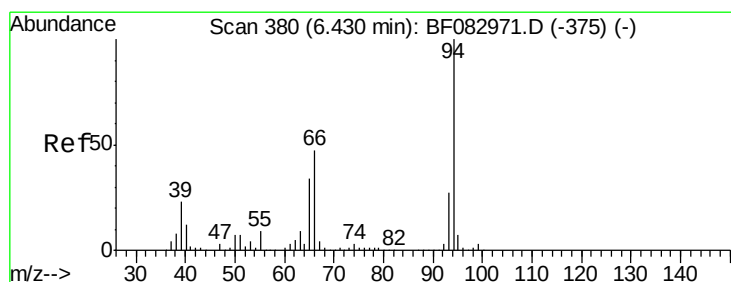
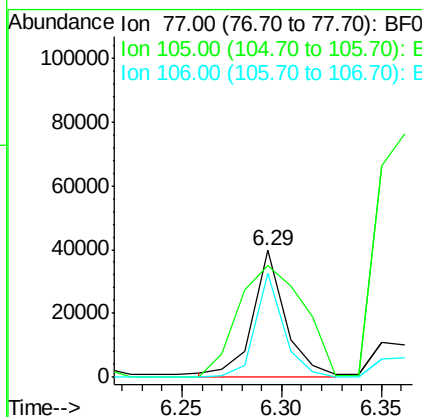
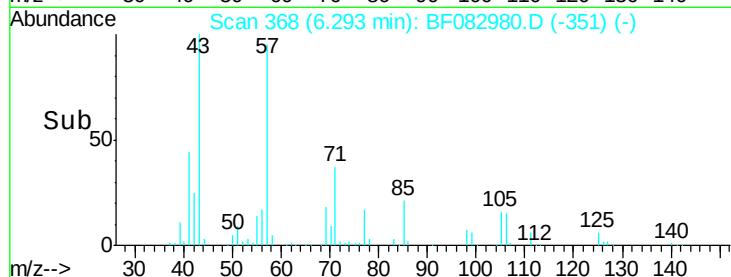
SB-1MSD



Tgt Ion:	77	Resp:	45688
Ion	Ratio	Lower	Upper
77	100		
105	87.8	63.5	103.5
106	82.3	59.3	99.3

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#10

Phenol

Concen: 42.84 ng

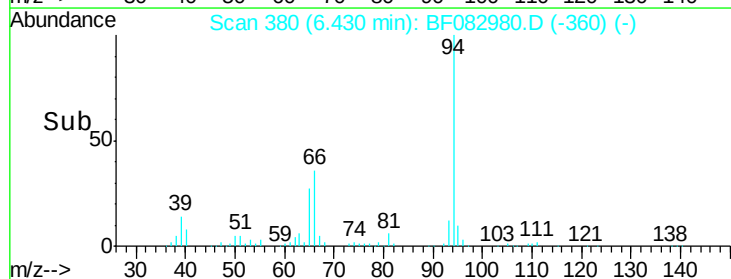
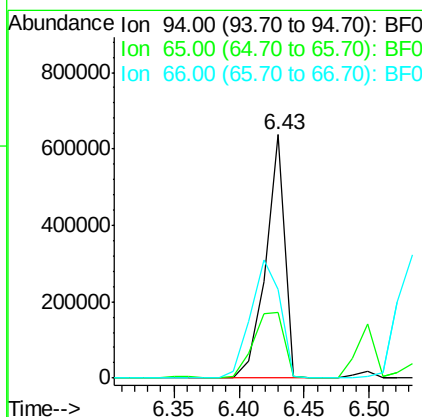
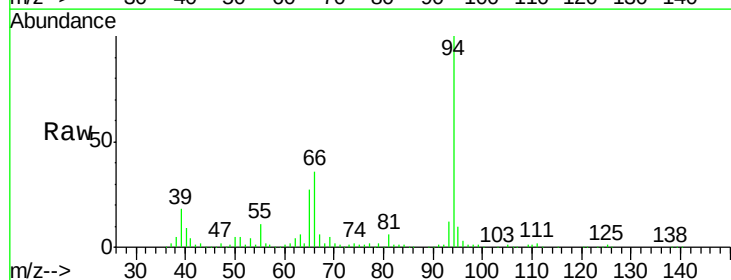
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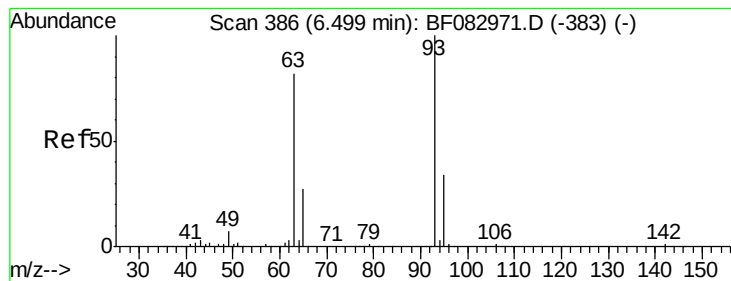
Delta R.T. -0.07 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:	94	Resp:	647477
Ion	Ratio	Lower	Upper
94	100		
65	27.1	18.9	58.9
66	36.3	34.9	74.9





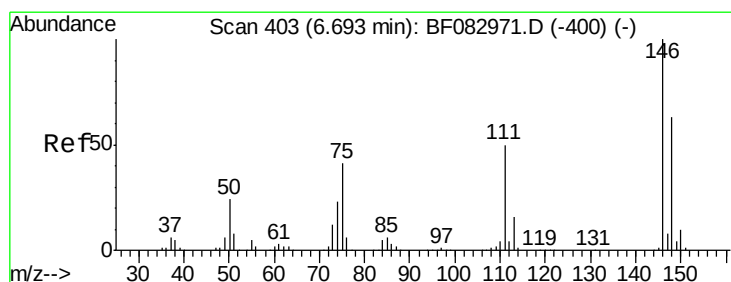
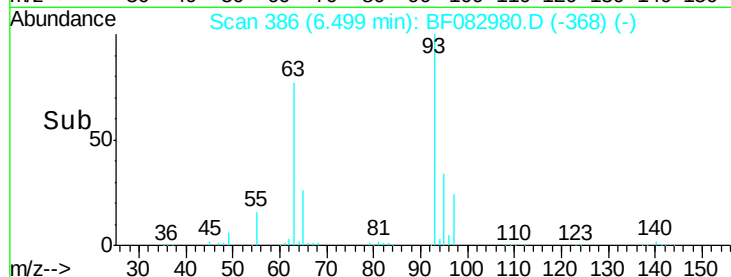
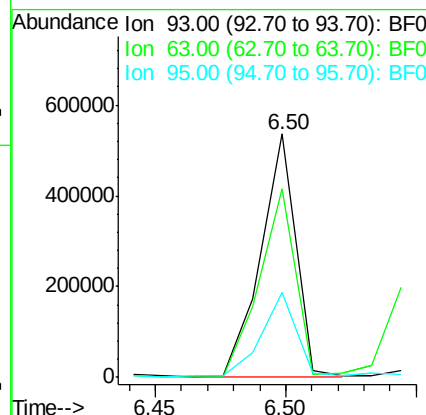
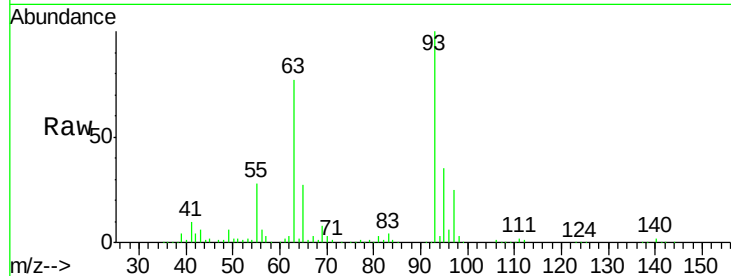
#11
bis(2-Chloroethyl)ether
Concen: 43.67 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	77.5	72.7	112.7
95	34.9	12.0	52.0

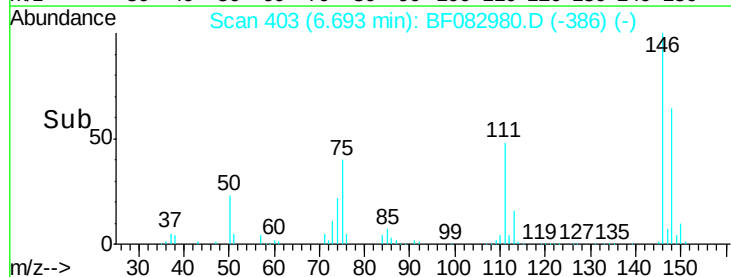
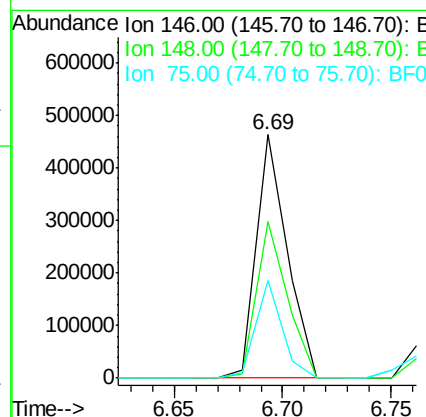
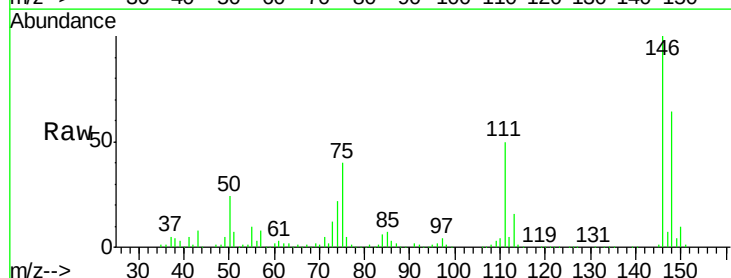
Manual Integrations
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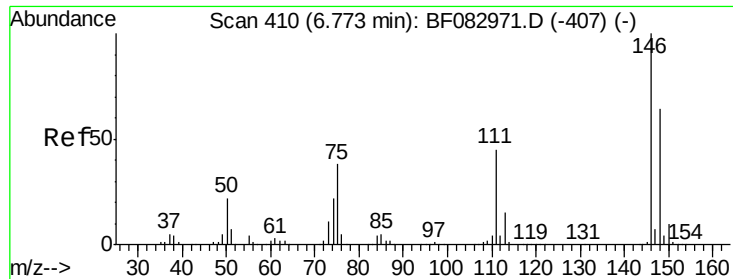
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.48 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	40.2	39.5	59.3





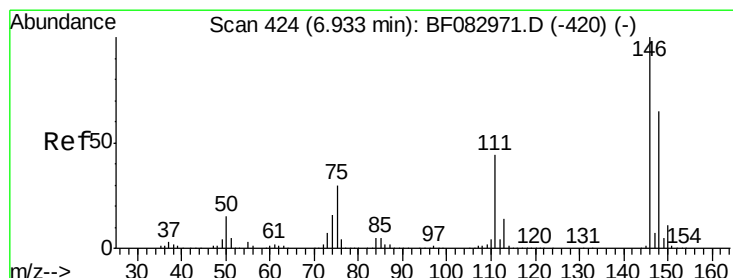
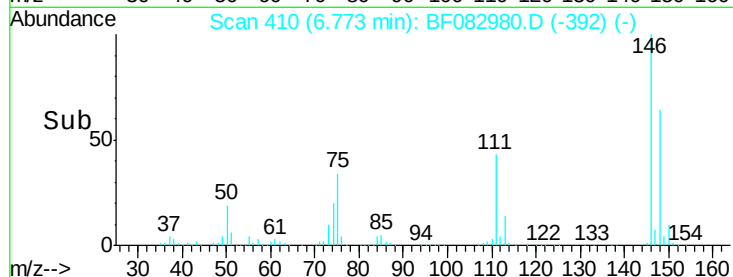
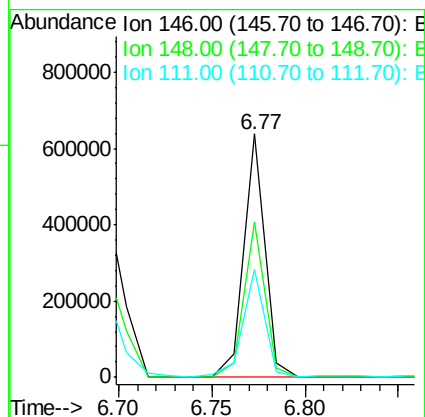
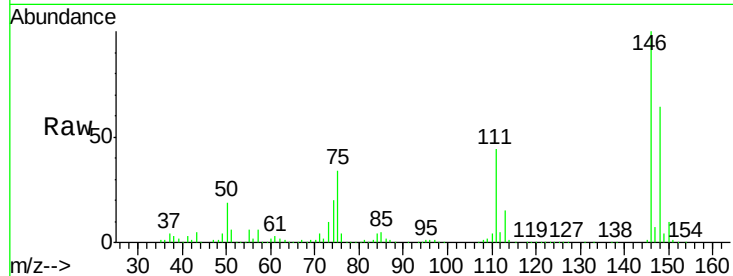
#13
 1,4-Dichlorobenzene
 Concen: 38.84 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	44.2	40.6	60.8

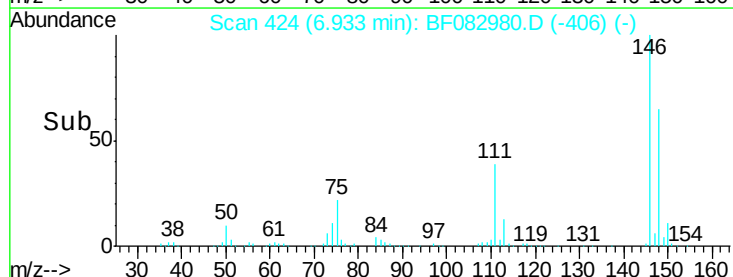
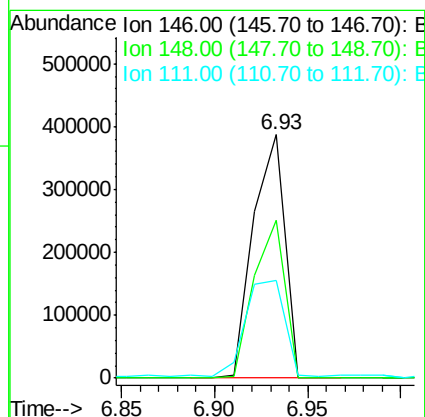
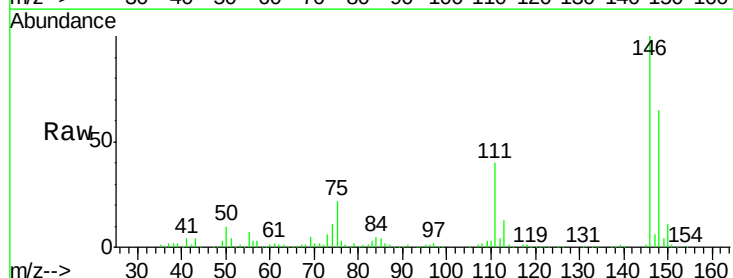
Manual Integrations
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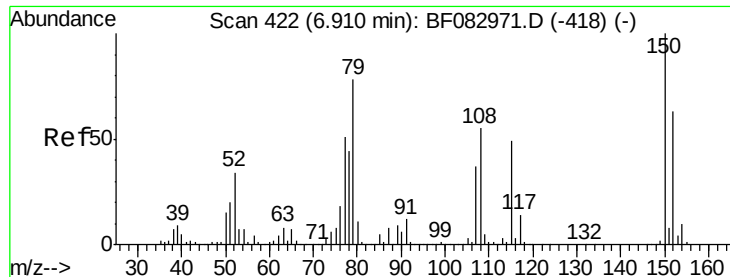
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#14
 1,2-Dichlorobenzene
 Concen: 38.09 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.4
111	40.2	36.6	55.0





#15

Benzyl Alcohol

Concen: 40.27 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.08 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

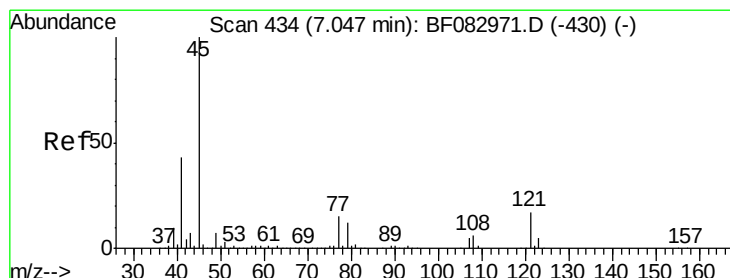
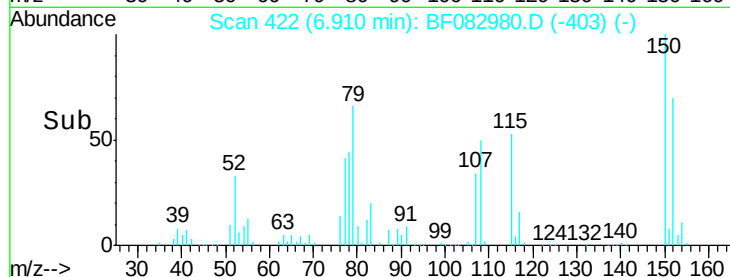
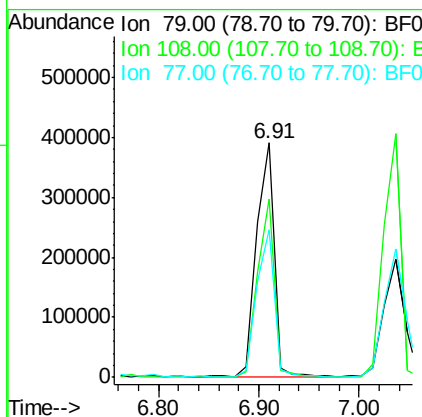
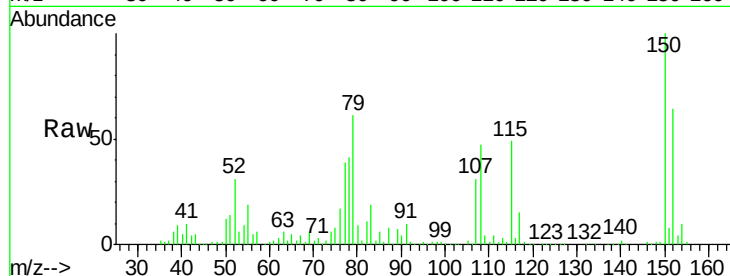
ClientSampleId :

SB-1MSD

Tgt Ion:	79	Resp:	471054
Ion Ratio	Lower	Upper	
79	100		
108	76.2	52.2	78.4
77	63.1	52.7	79.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.00 ng

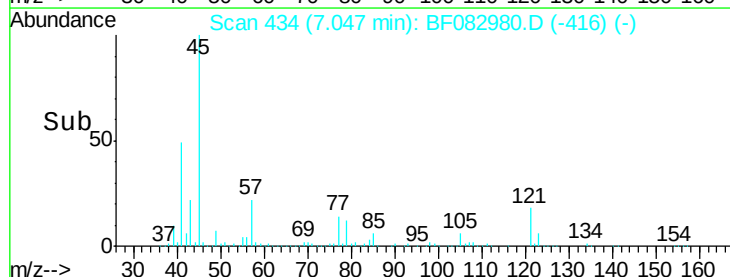
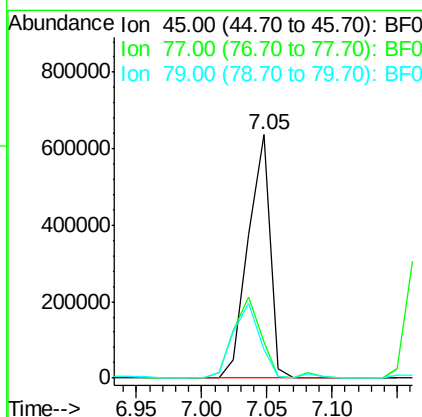
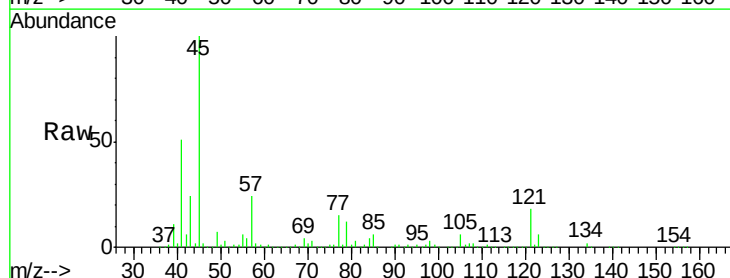
RT: 7.05 min Scan# 434

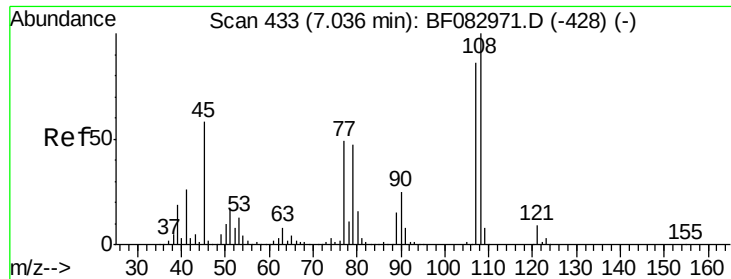
Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:	45	Resp:	746026
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	32.6
79	12.0	0.0	29.2





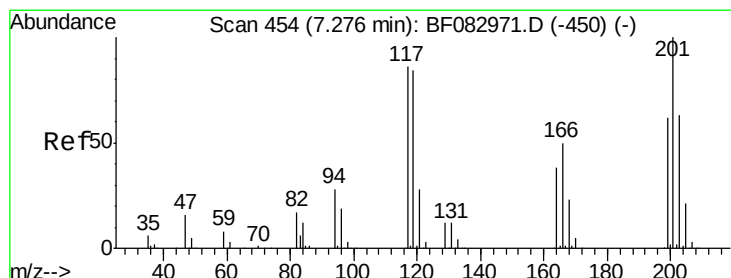
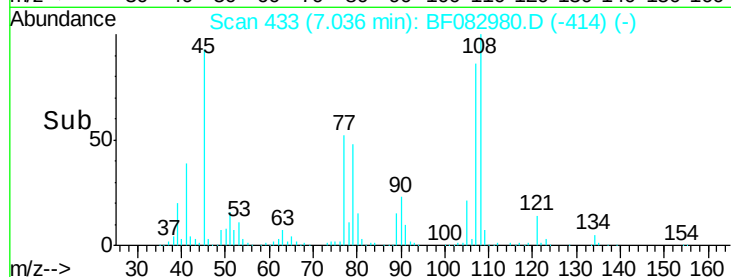
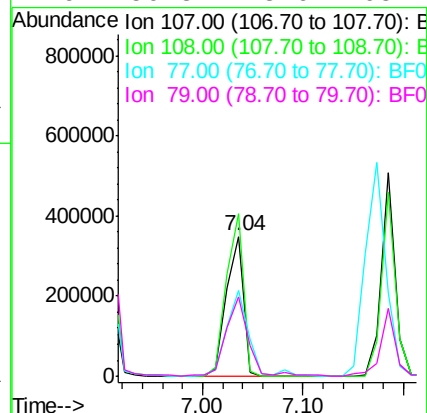
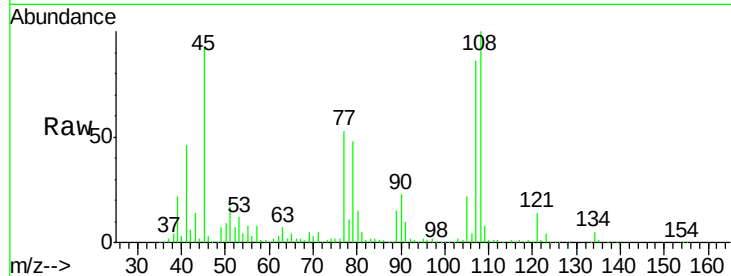
#17
2-Methylphenol
Concen: 44.18 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	415684		
108	116.1	93.0	139.4	
77	61.1	44.1	66.1	
79	56.3	43.6	65.4	

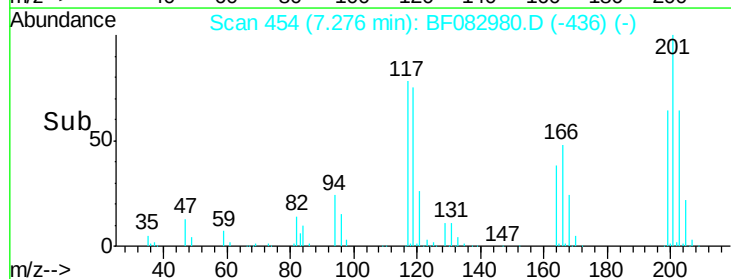
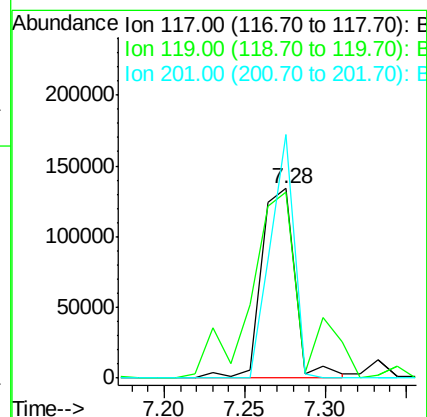
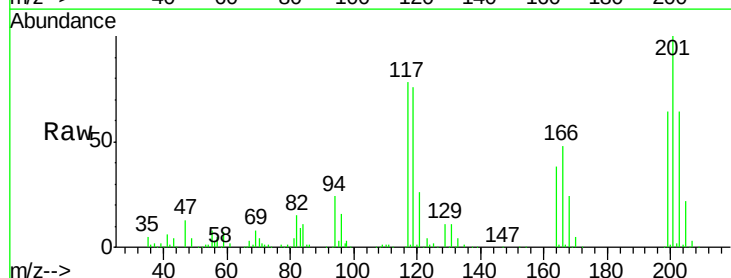
Manual Integrations
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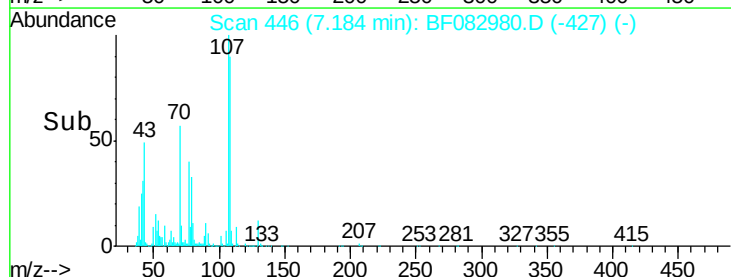
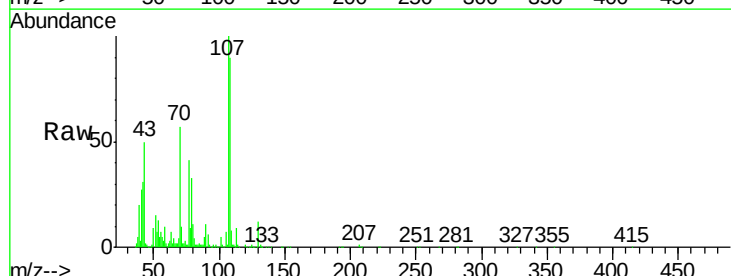
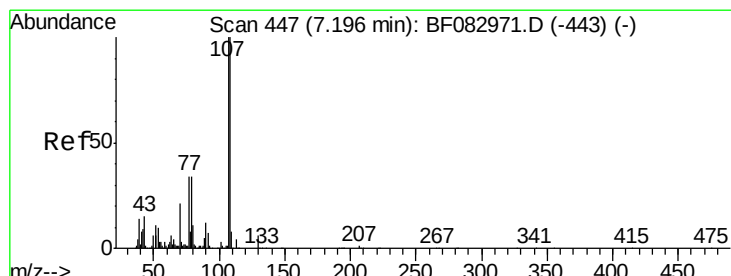
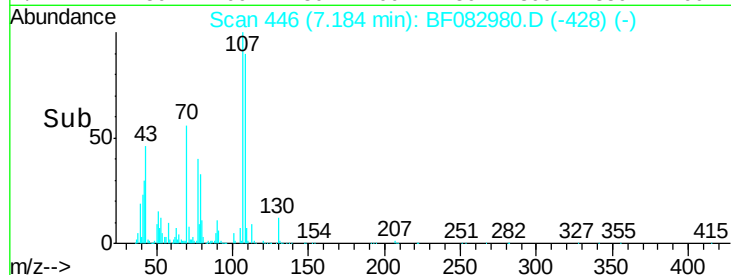
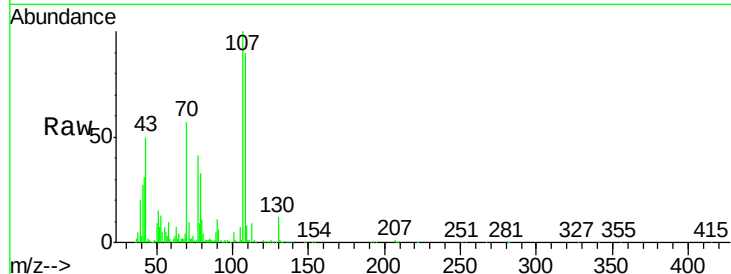
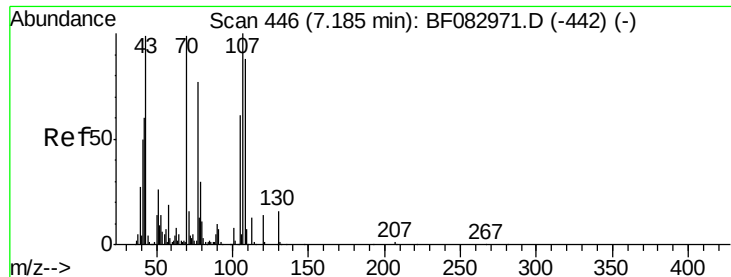
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#18
Hexachloroethane
Concen: 41.48 ng m
RT: 7.28 min Scan# 454
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	193357		
119	97.9	77.7	116.5	
201	128.3	66.7	100.1#	





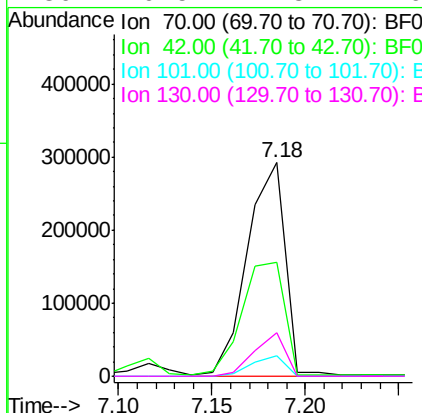
#19
n-Nitroso-di-n-propylamine
Concen: 42.37 ng m
RT: 7.18 min Scan# 446
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	57.7	86.5#
101	9.4	7.0	10.6
130	20.5	11.8	17.6#

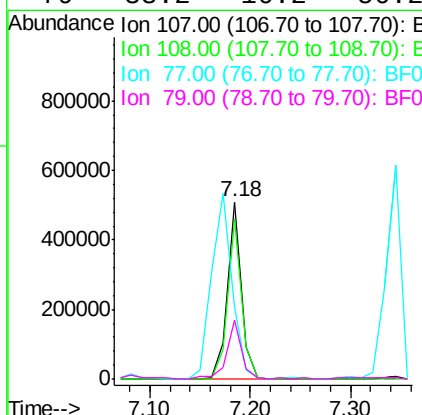
Manual Integrations
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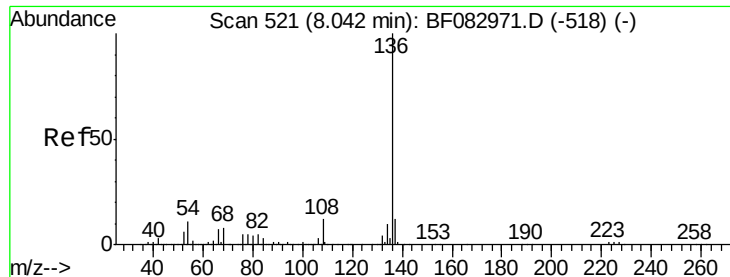
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#20
3+4-Methylphenols
Concen: 40.03 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	67.3	107.3
77	40.7	100.3	140.3#
79	33.2	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: BF082980.D

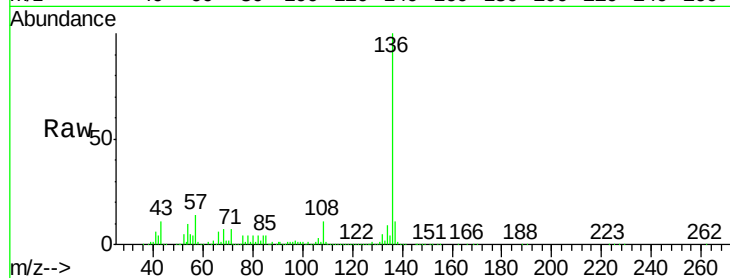
Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

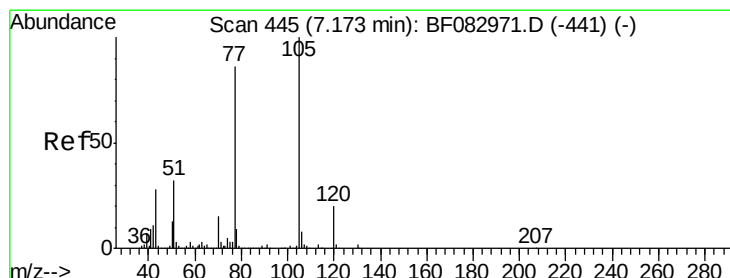
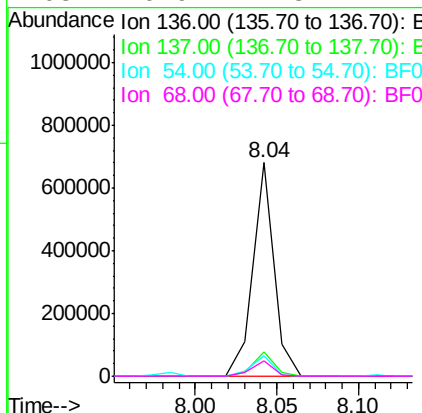
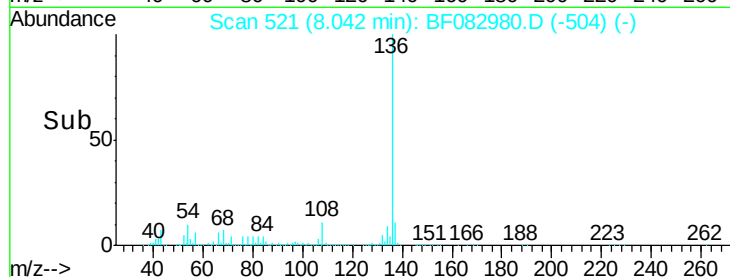
SB-1MSD



Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		616120		
137	11.2	9.1	13.7		
54	9.8	9.1	13.7		
68	6.9	4.8	7.2		

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#22

Acetophenone

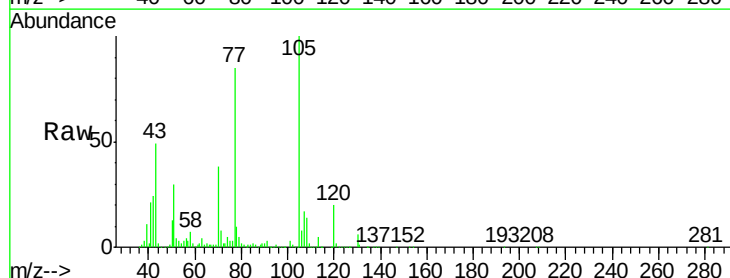
Concen: 41.57 ng

RT: 7.17 min Scan# 445

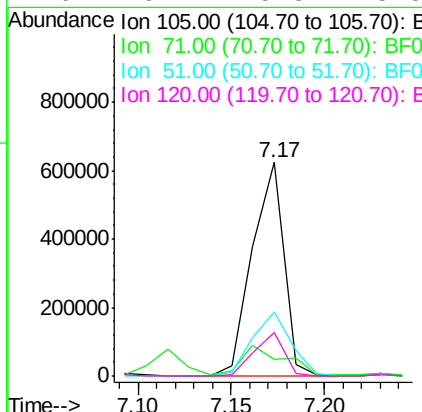
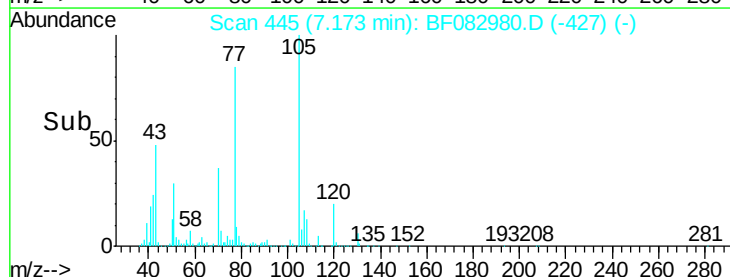
Delta R.T. -0.09 min

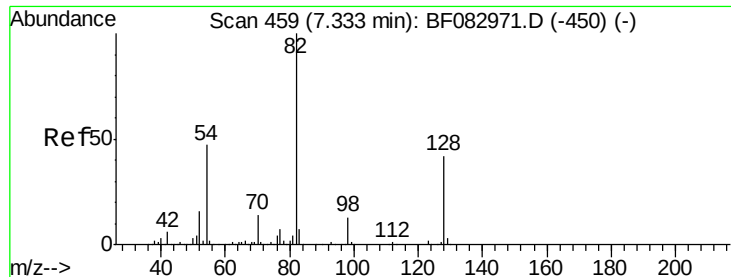
Lab File: BF082980.D

Acq: 17 Nov 2015 22:02



Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		733939		
71	7.7	5.6	8.4		
51	30.2	24.9	37.3		
120	20.2	15.8	23.8		





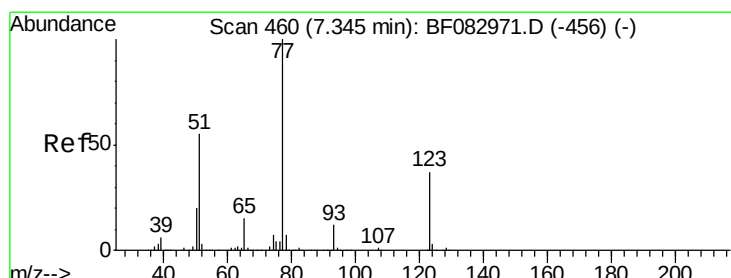
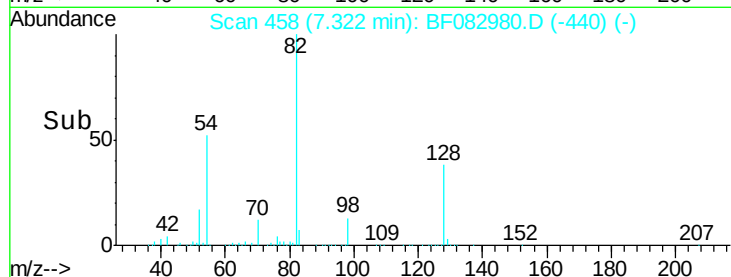
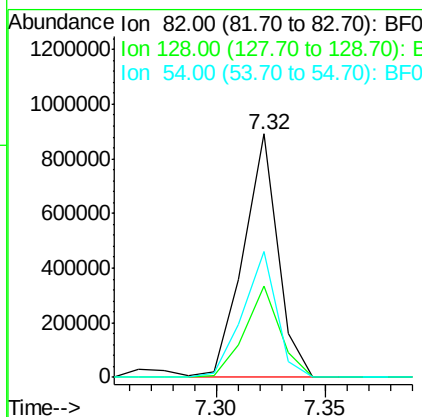
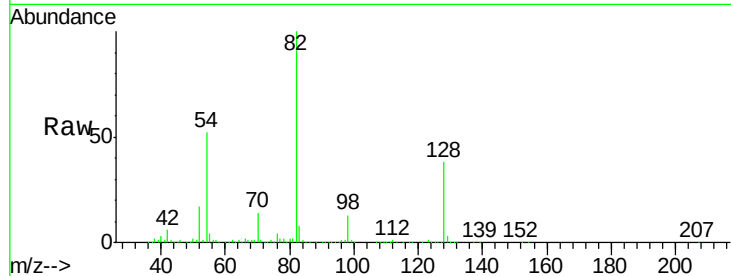
#23
 Nitrobenzene-d5
 Concen: 69.07 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.8	40.2
54	51.9	45.7	68.5

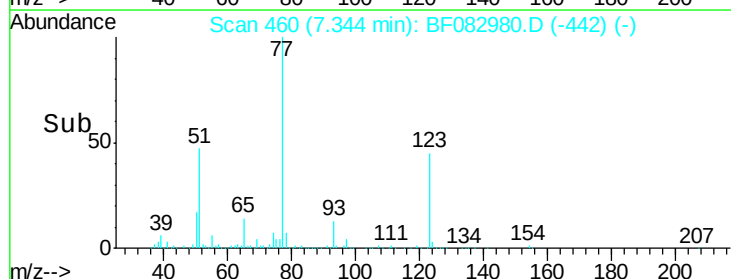
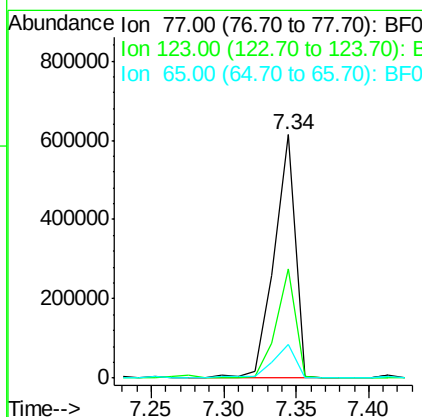
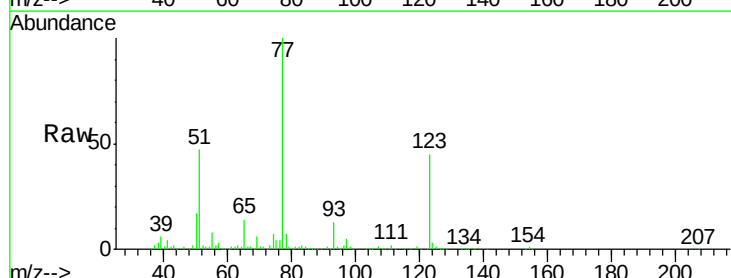
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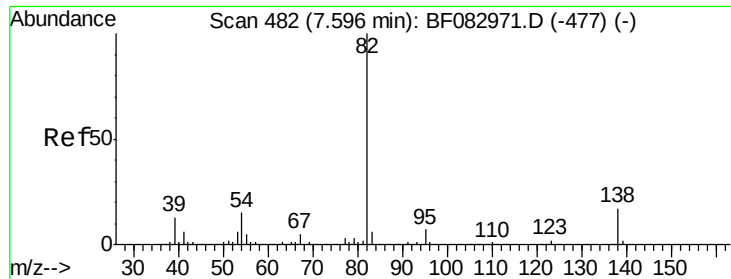
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#24
 Nitrobenzene
 Concen: 42.76 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.4	54.6
65	13.7	11.5	17.3





#25

Isophorone

Concen: 40.19 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tgt Ion: 82 Resp: 1052908

Ion Ratio Lower Upper

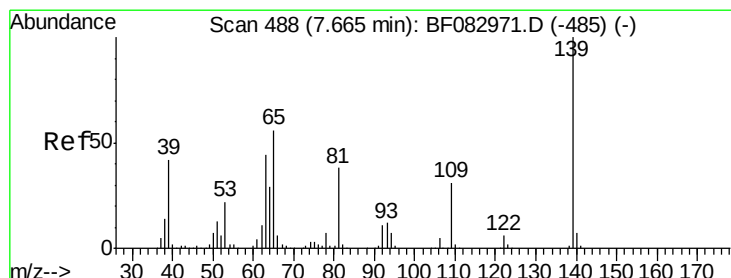
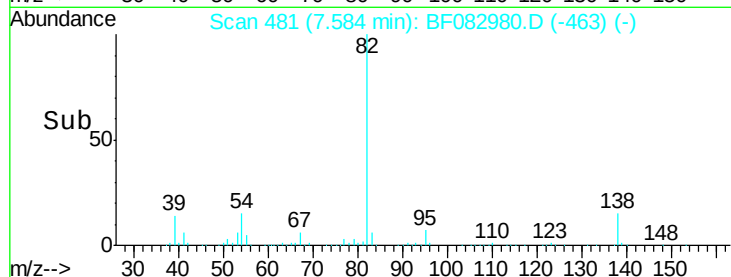
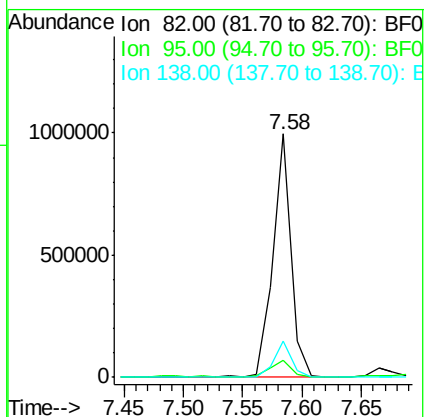
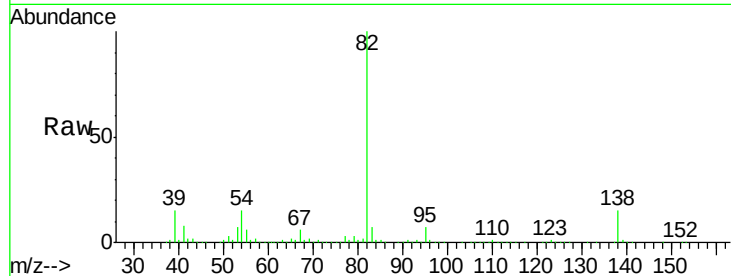
82 100

95 7.2 6.6 9.8

138 14.9 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.17 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

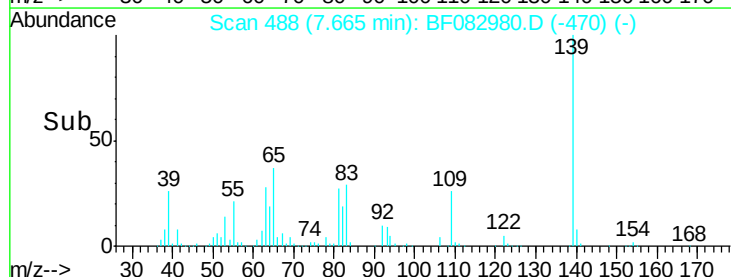
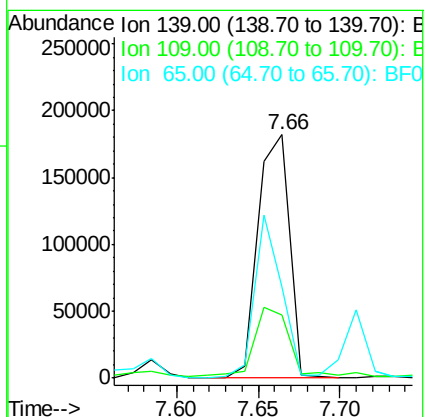
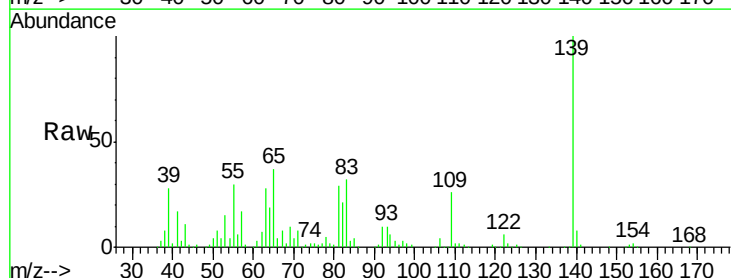
Tgt Ion: 139 Resp: 242778

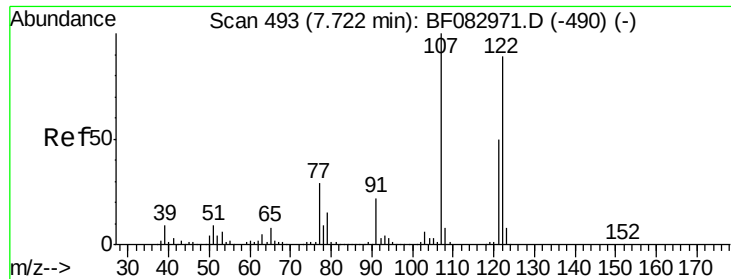
Ion Ratio Lower Upper

139 100

109 26.2 37.6 56.4#

65 37.4 70.6 105.8#





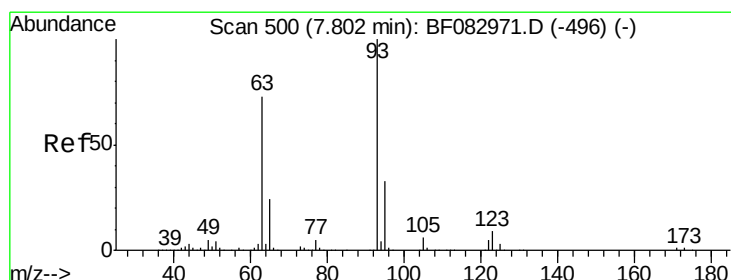
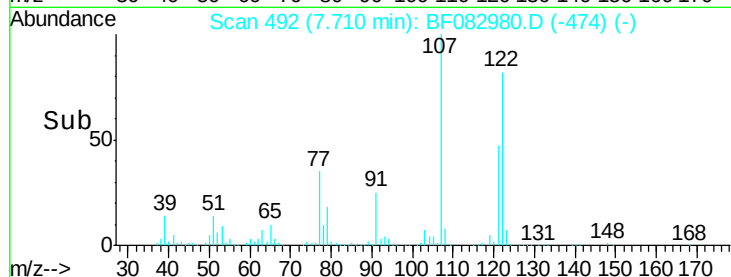
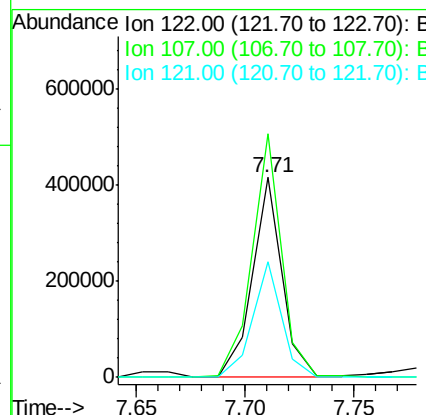
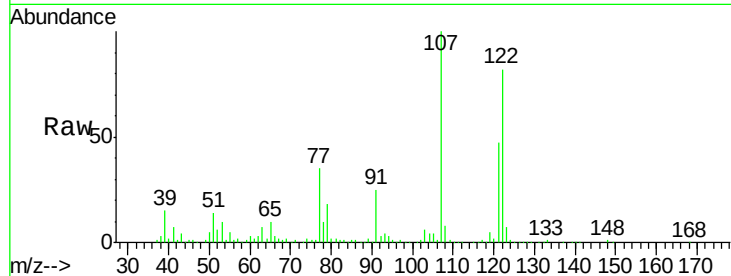
#27
2,4-Dimethylphenol
Concen: 36.37 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	395018		
107	121.8	106.0	159.0	
121	57.6	46.7	70.1	

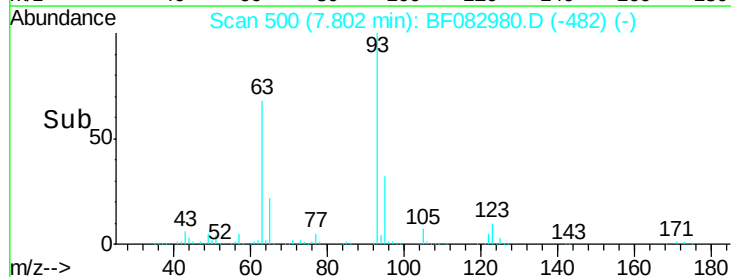
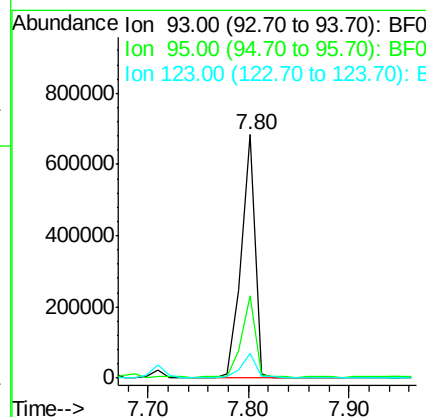
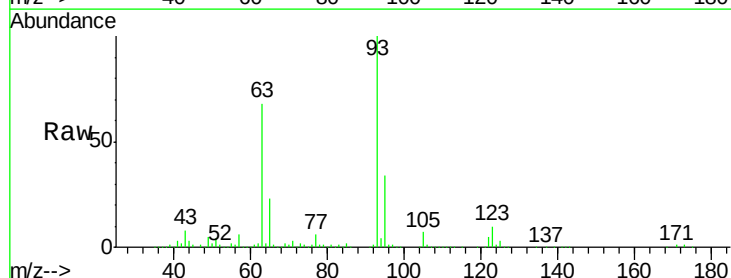
Manual Integrations
APPROVED

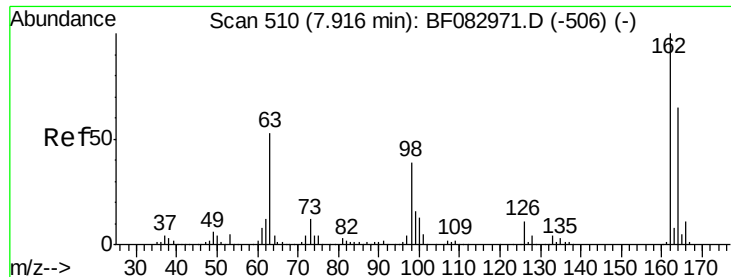
mohammad
11/19/2015 8:25:22 AM



#28
bis(2-Chloroethoxy)methane
Concen: 44.34 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	655202		
95	34.1	26.6	40.0	
123	10.1	9.7	14.5	





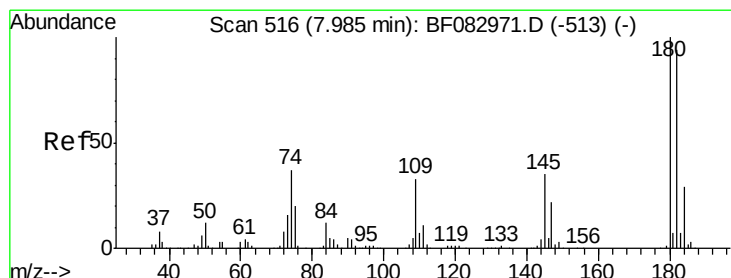
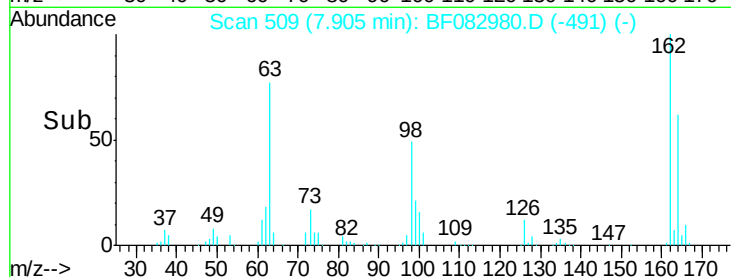
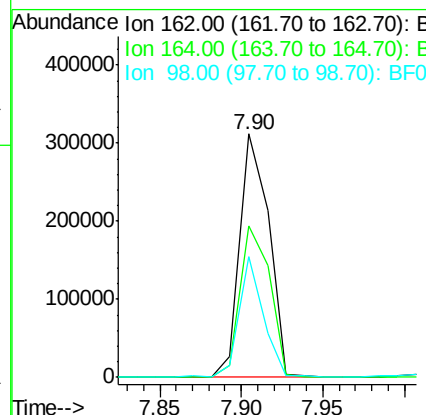
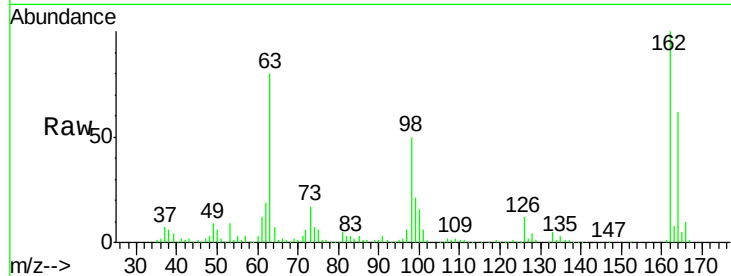
#29
2,4-Dichlorophenol
Concen: 39.17 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.5	46.8	86.8
98	49.8	12.5	52.5

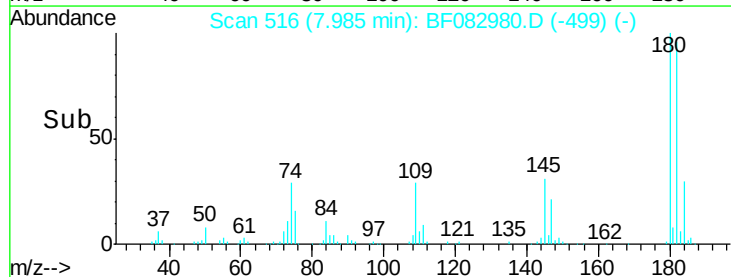
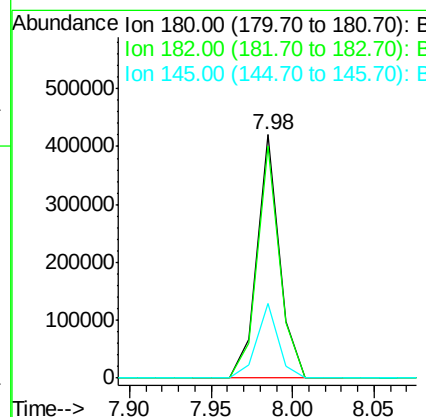
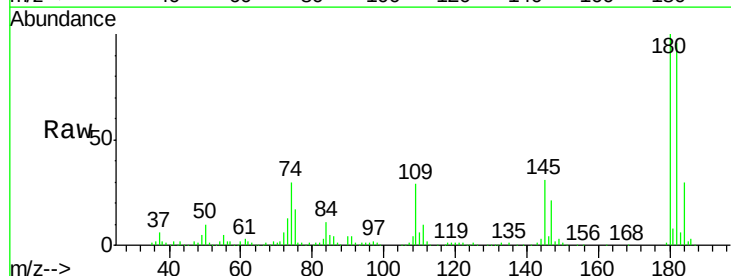
Manual Integrations
APPROVED

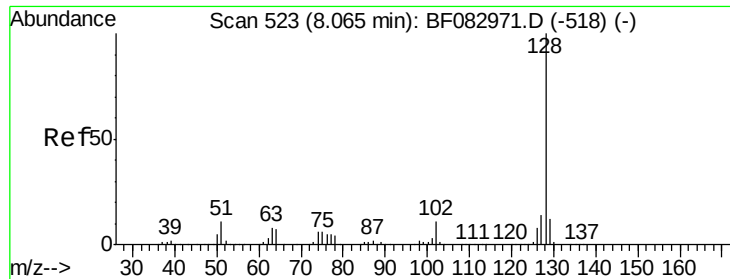
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.47 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	74.9	112.3
145	30.8	27.8	41.8





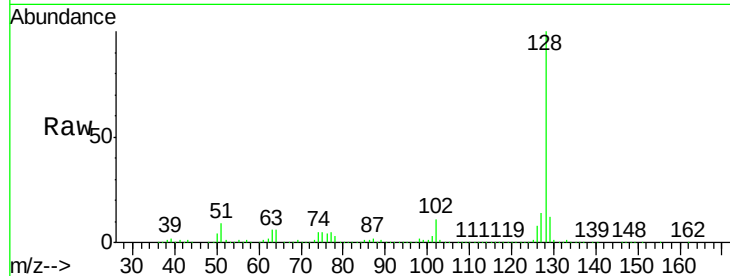
#31
Naphthalene
Concen: 38.29 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

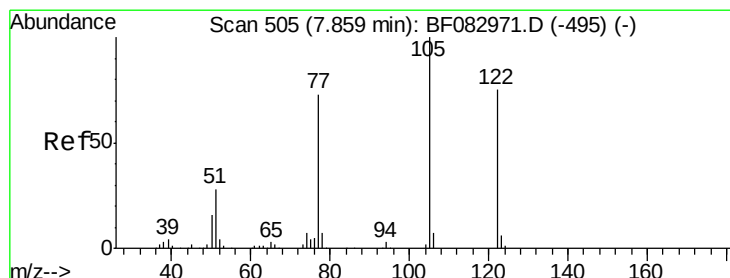
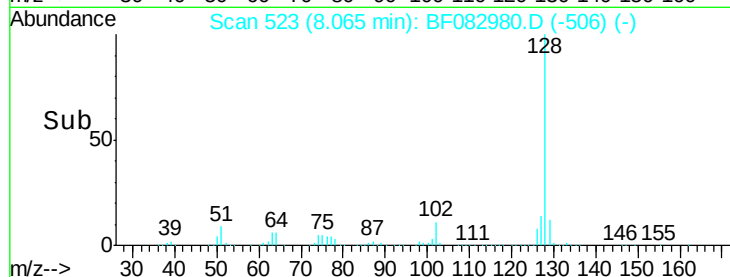
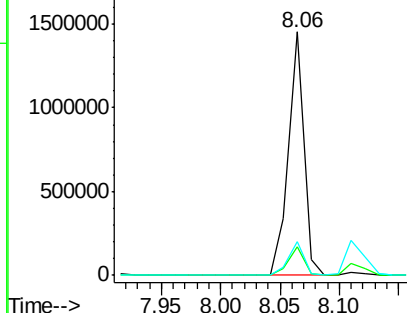
Tgt Ion:128 Resp: 1301723
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.7 11.4 17.0

Manual Integrations
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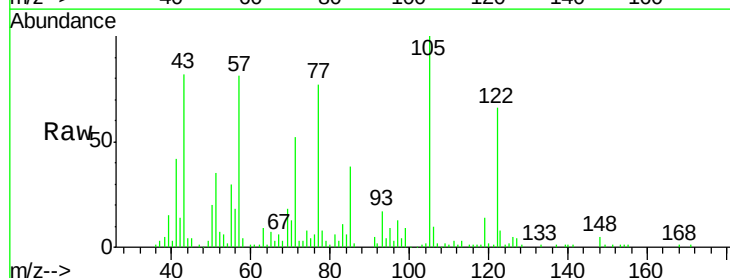


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

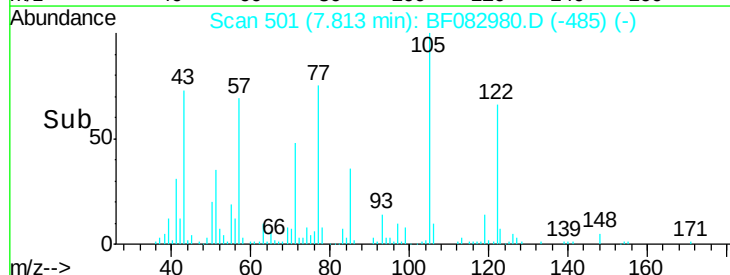
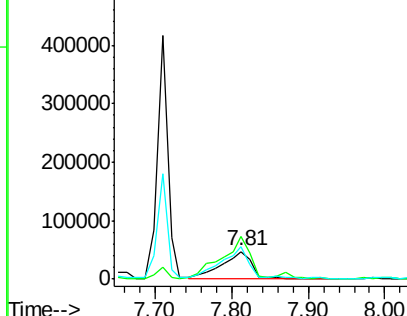


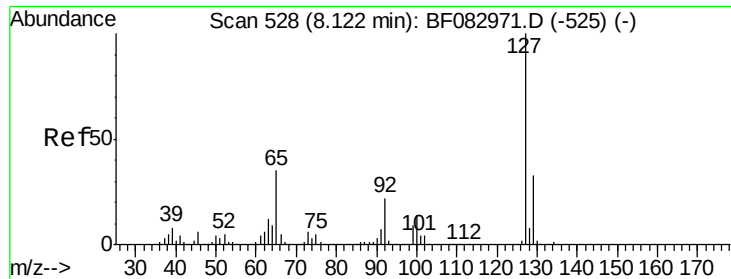
#32
Benzoic acid
Concen: 17.21 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.11 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion:122 Resp: 127942
Ion Ratio Lower Upper
122 100
105 152.1 122.6 162.6
77 116.3 100.9 140.9



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





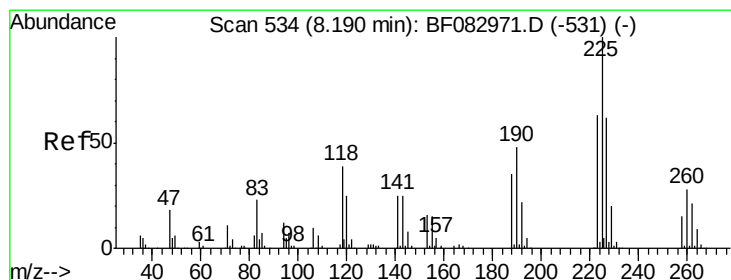
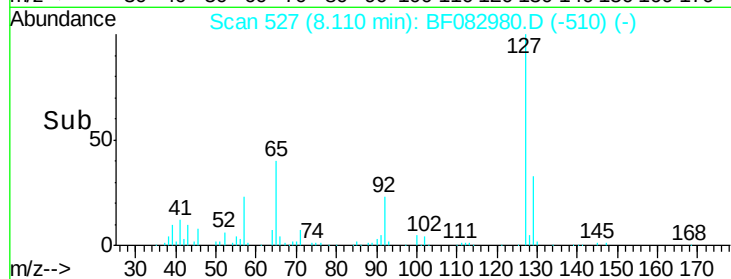
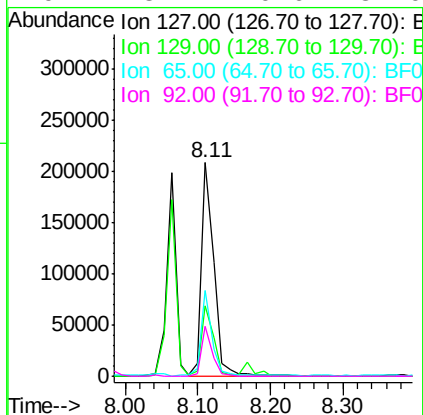
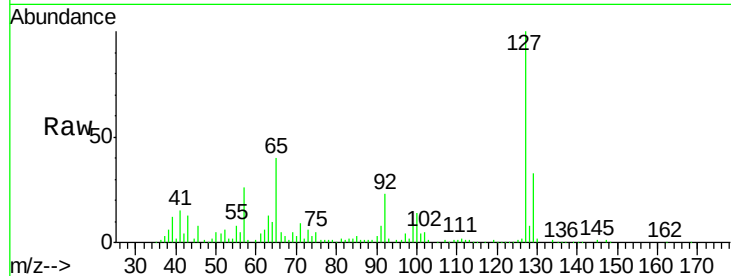
#33
4-Chloroaniline
Concen: 16.93 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	247966		
129	32.7	26.3	39.5	
65	40.0	37.8	56.8	
92	23.2	20.6	31.0	

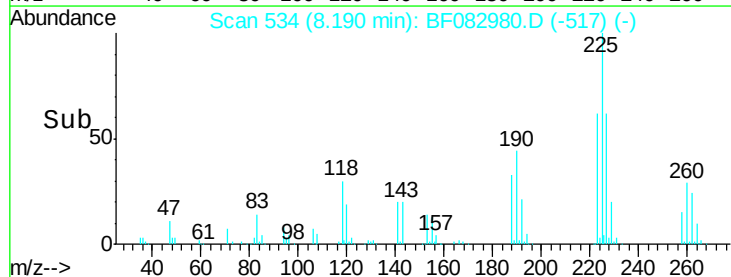
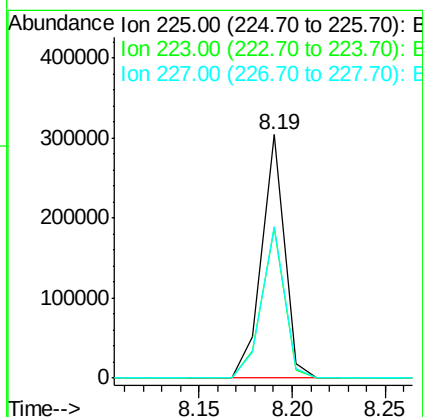
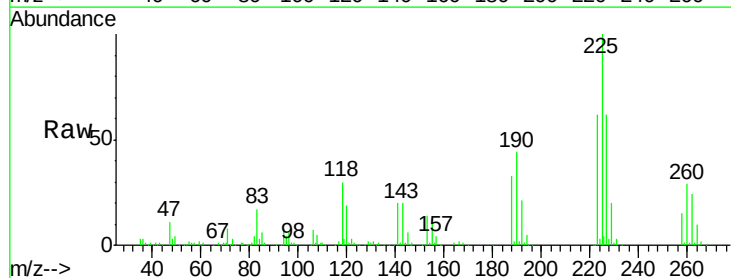
Manual Integrations
APPROVED

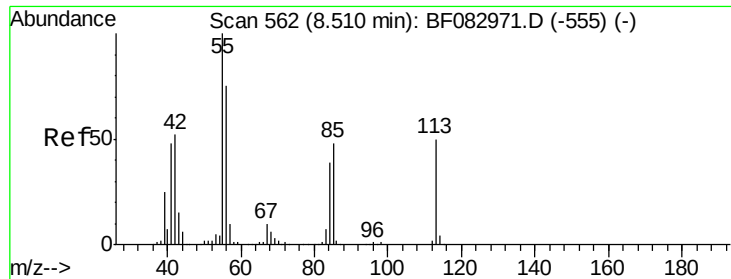
mohammad
11/19/2015 8:25:22 AM



#34
Hexachlorobutadiene
Concen: 37.14 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	256520		
223	61.6	50.5	75.7	
227	62.4	50.2	75.2	





#35

Caprolactam

Concen: 45.66 ng m

RT: 8.49 min Scan# 560

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

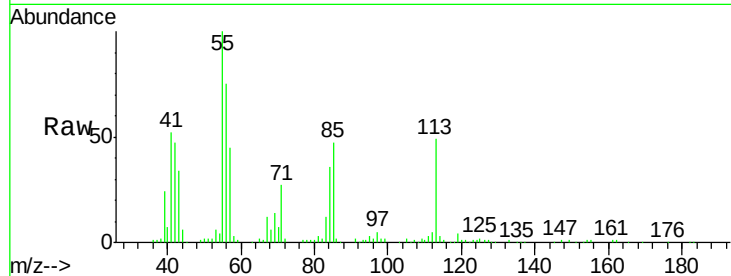
ClientSampleId :

SB-1MSD

Tgt Ion:	113	Resp:	141301
Ion Ratio	Lower	Upper	
113	100		
55	205.0	195.5	235.5
56	154.1	153.5	193.5

Manual Integrations
APPROVED

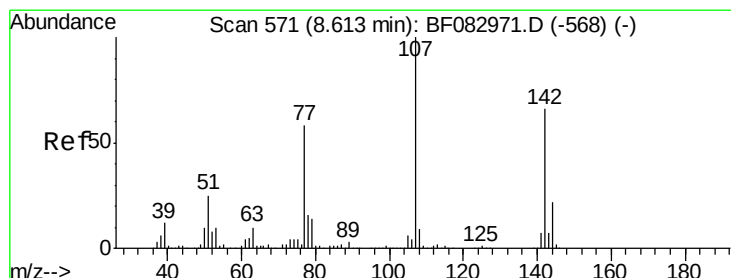
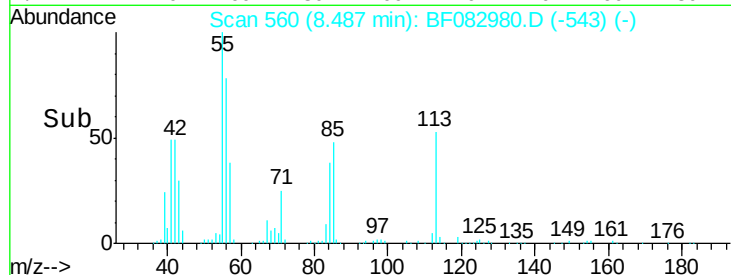
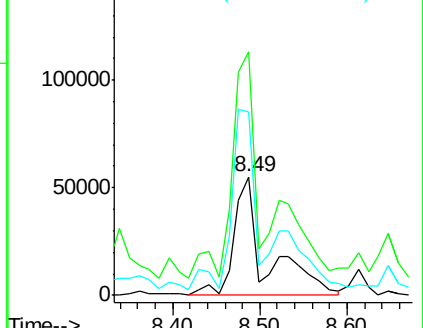
mohammad
11/19/2015 8:25:22 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.13 ng

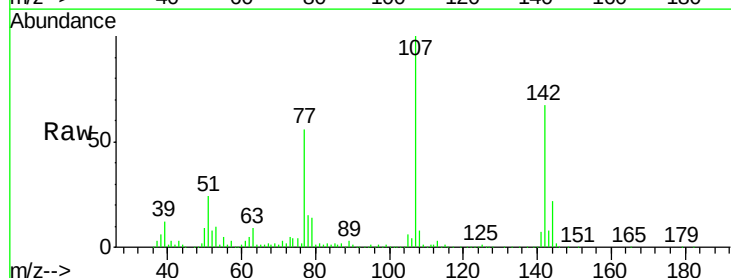
RT: 8.61 min Scan# 571

Delta R.T. -0.08 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

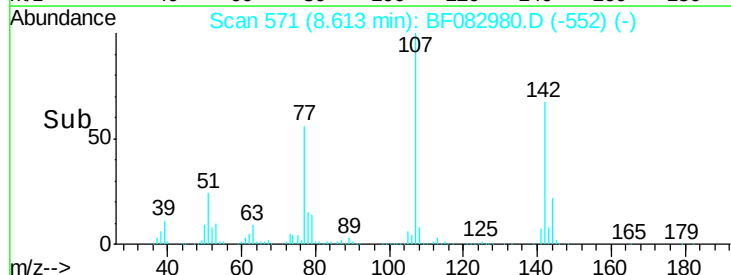
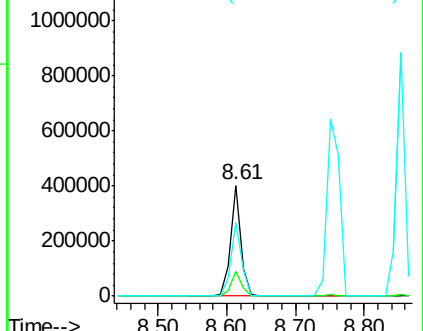
Tgt Ion:	107	Resp:	428529
Ion Ratio	Lower	Upper	
107	100		
144	22.0	15.4	23.0
142	66.7	47.8	71.8

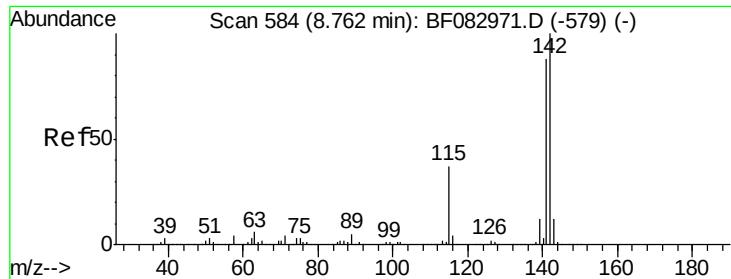


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





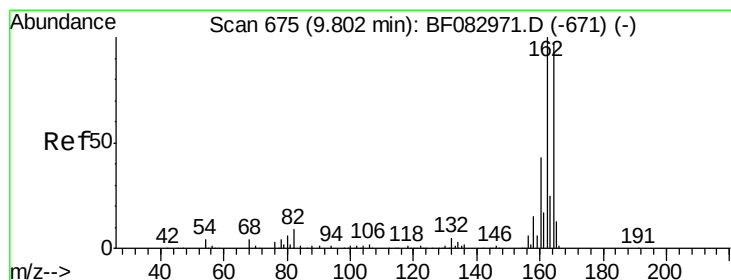
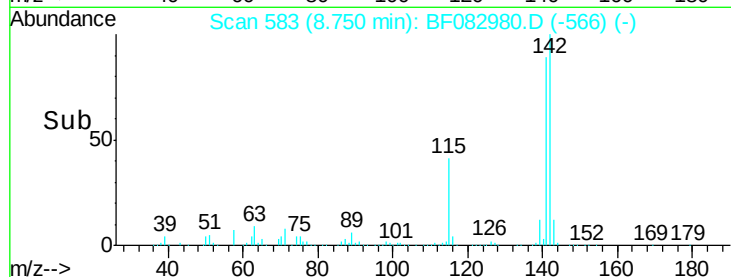
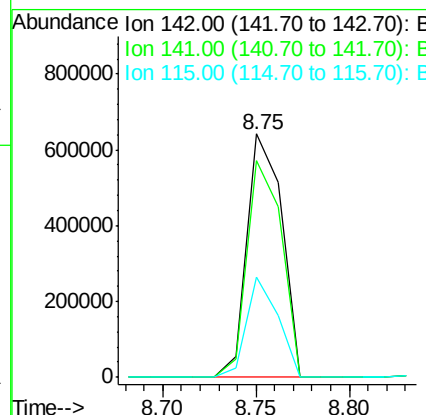
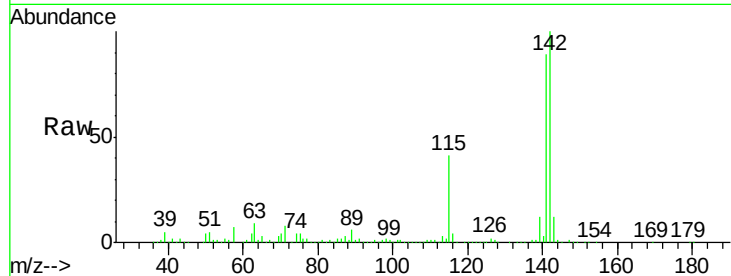
#37
 2-Methylnaphthalene
 Concen: 37.90 ng
 RT: 8.75 min Scan# 583
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.3	108.5
115	41.4	38.1	57.1

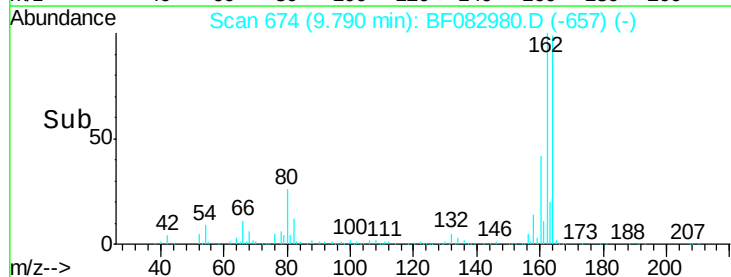
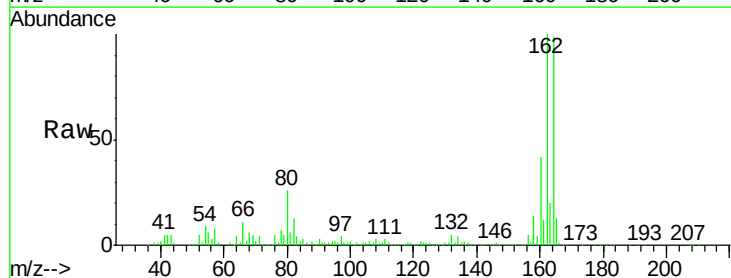
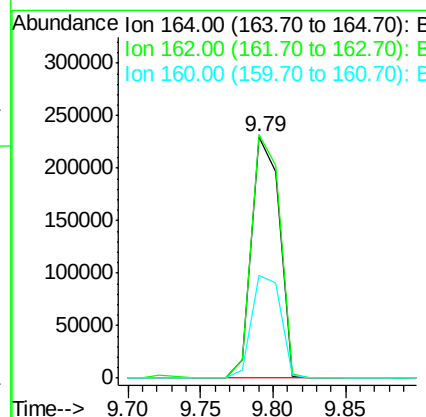
Manual Integrations
 APPROVED

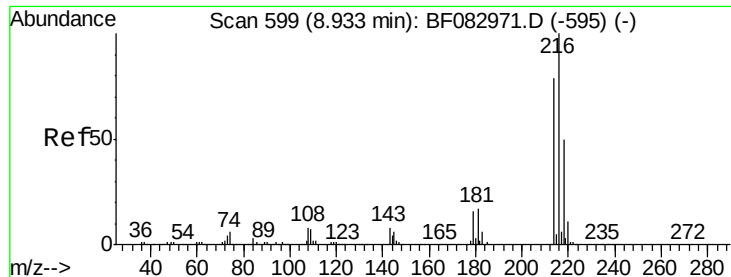
mohammad
 11/19/2015 8:25:22 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.9	127.3
160	42.8	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.28 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

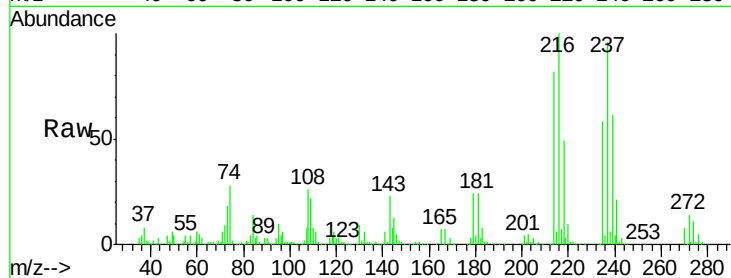
ClientSampleId :

SB-1MSD

Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	345880		
214	80.2	62.2	93.2	
179	22.5	18.1	27.1	
108	24.7	16.6	25.0	



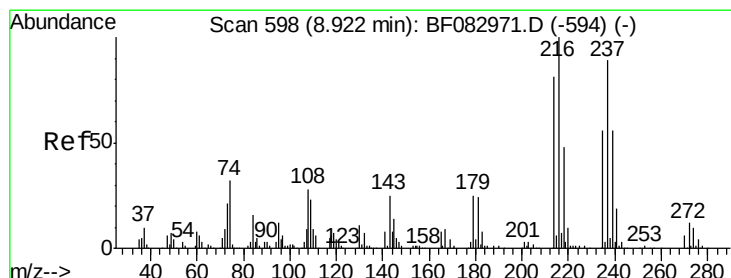
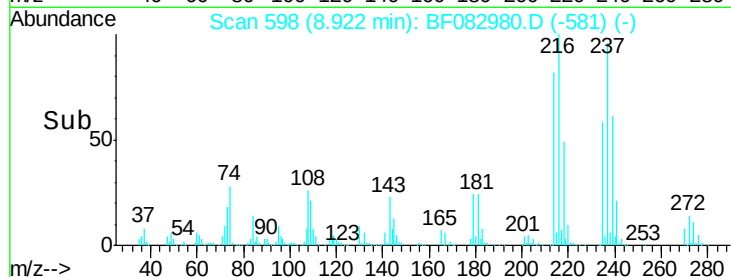
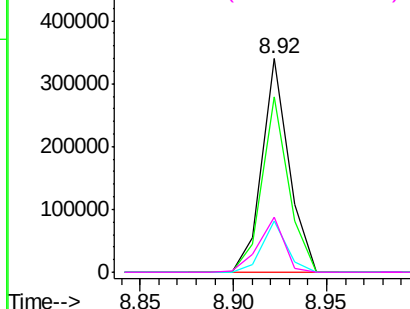
Abundance

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: 82.91 ng

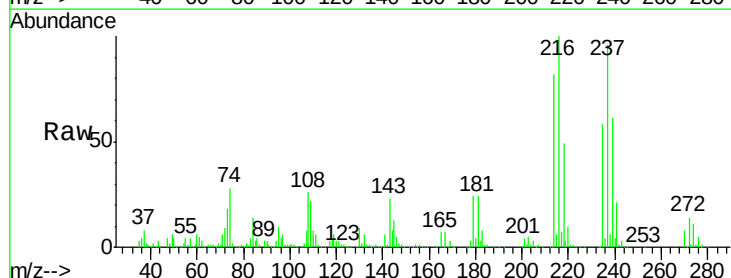
RT: 8.92 min Scan# 598

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	449451		
235	60.4	44.3	84.3	
272	14.9	0.0	31.9	

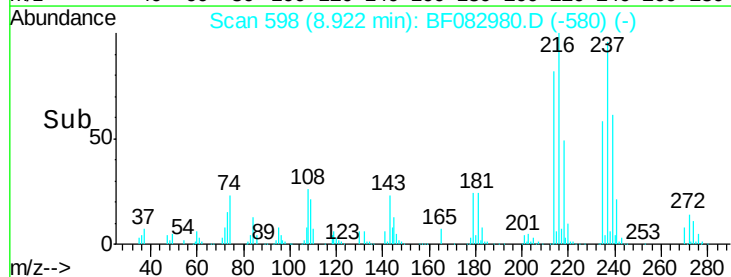
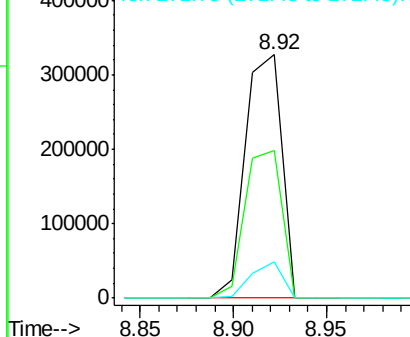


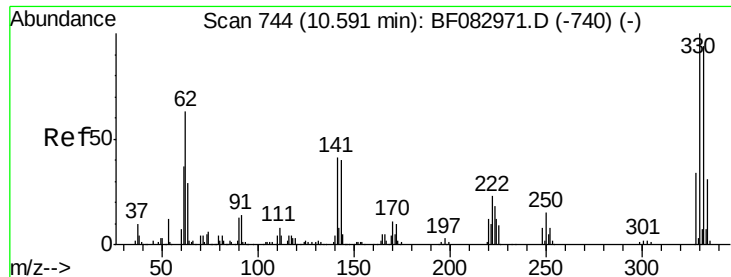
Abundance

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





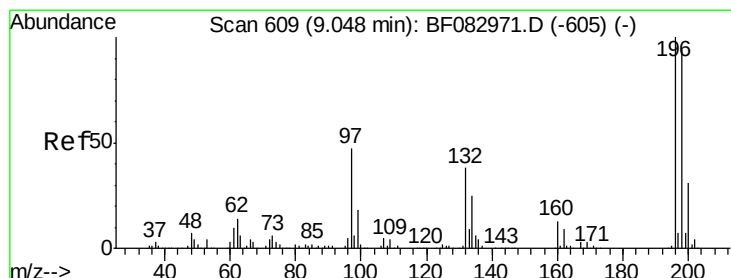
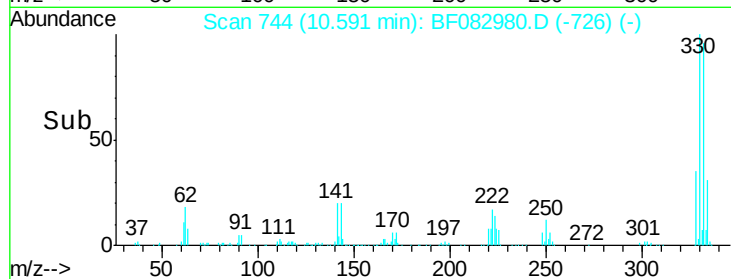
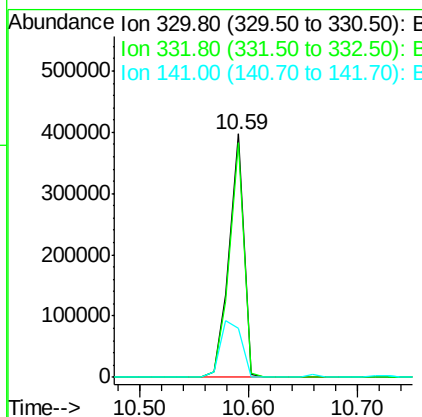
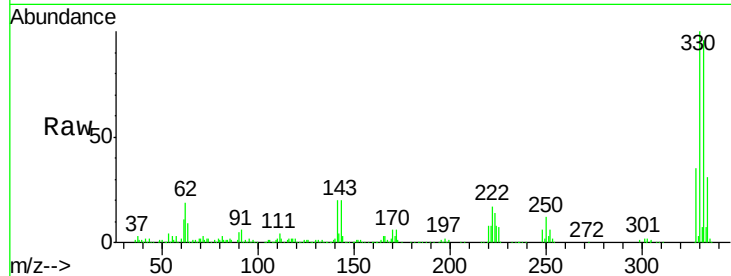
#41
 2,4,6-Tribromophenol
 Concen: 107.64 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :
 SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	378958		
332	95.0	76.6	114.8	
141	33.4	41.2	61.8#	

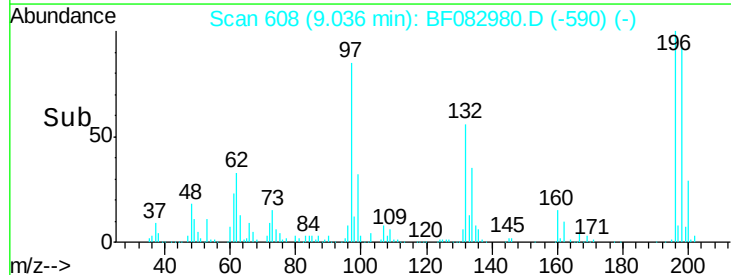
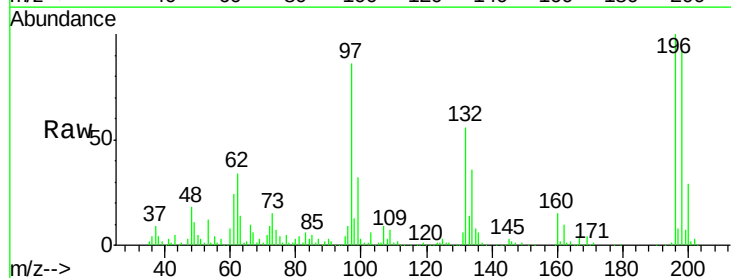
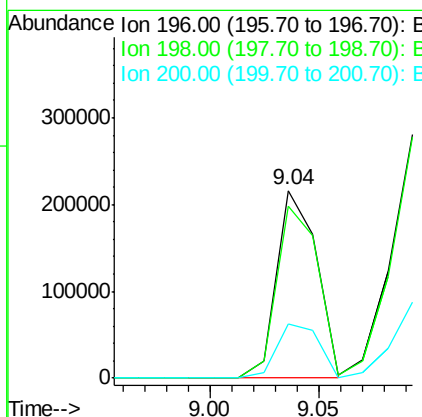
Manual Integrations
 APPROVED

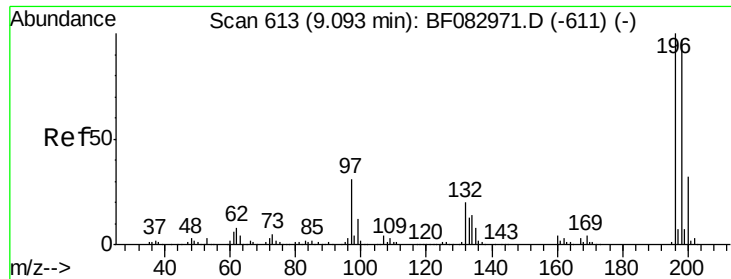
mohammad
 11/19/2015 8:25:22 AM



#42
 2,4,6-Trichlorophenol
 Concen: 37.01 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278758		
198	91.9	76.3	114.5	
200	28.9	23.9	35.9	





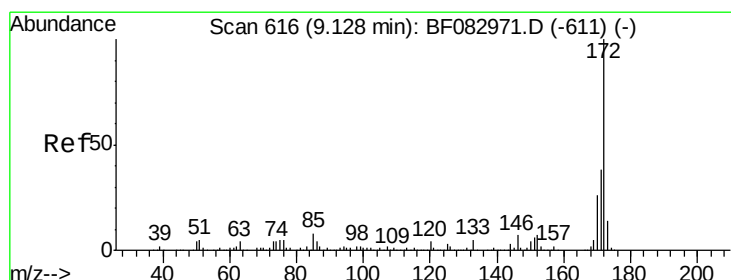
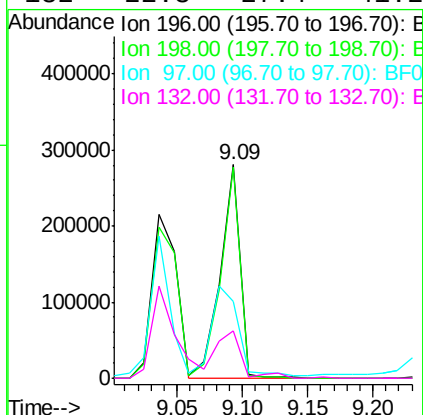
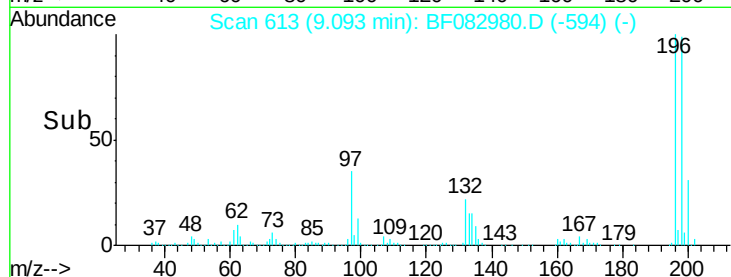
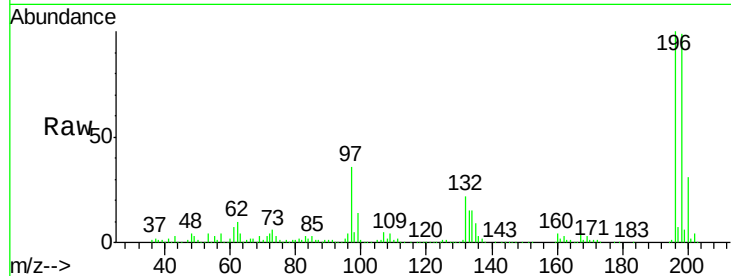
#43
 2,4,5-Trichlorophenol
 Concen: 40.03 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.08 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298178		
198	99.0	75.8	113.8	
97	36.1	62.3	93.5	
132	22.3	27.4	41.2	

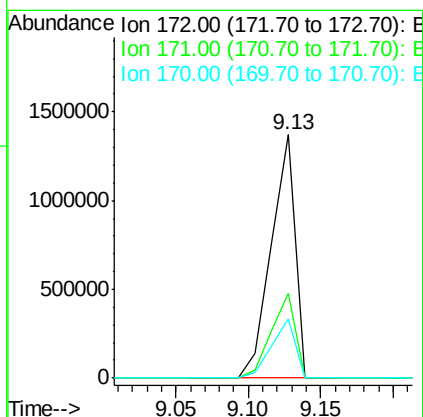
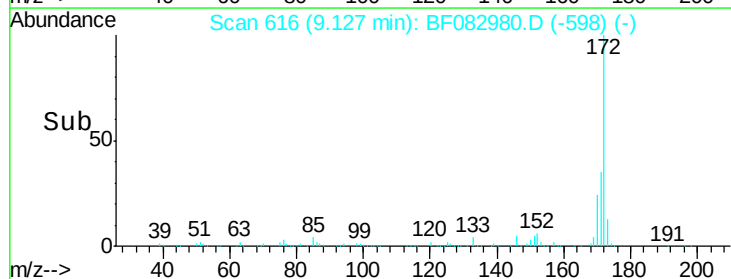
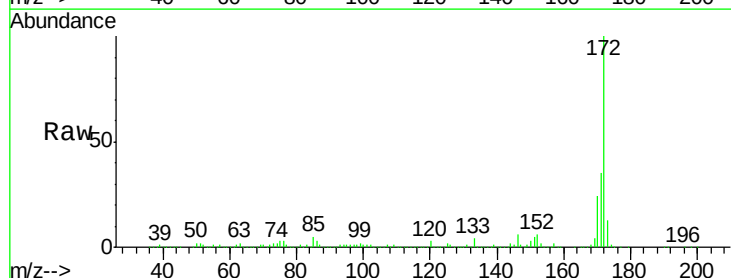
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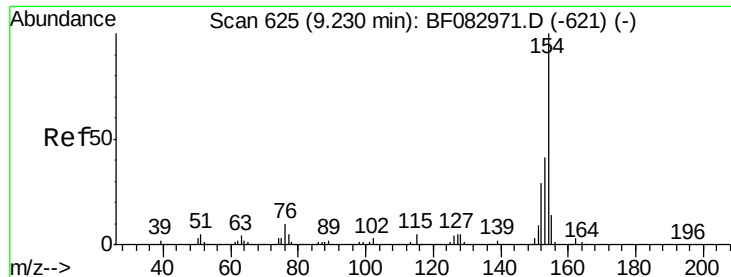
mohammad
 11/19/2015 8:25:22 AM



#44
 2-Fluorobiphenyl
 Concen: 72.92 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1562246		
171	35.0	30.8	46.2	
170	24.4	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 35.22 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

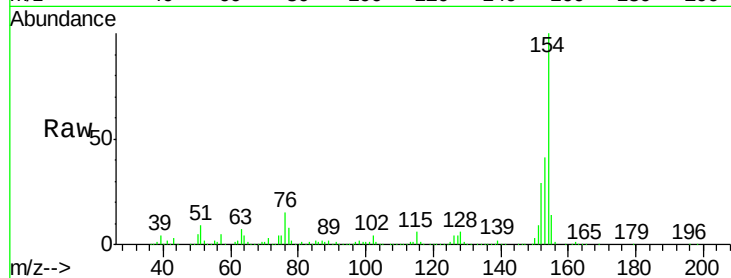
ClientSampleId :

SB-1MSD

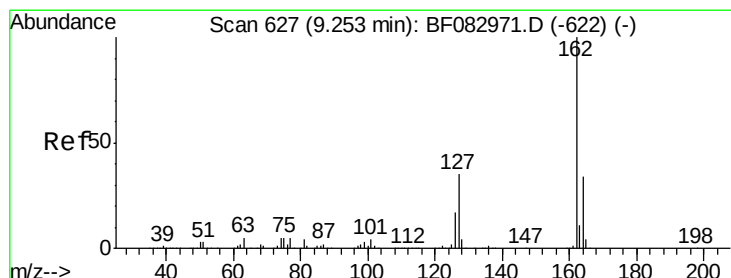
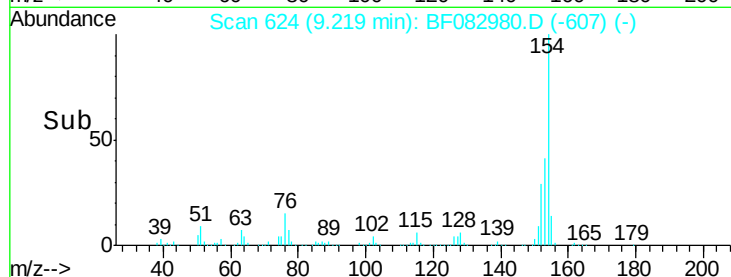
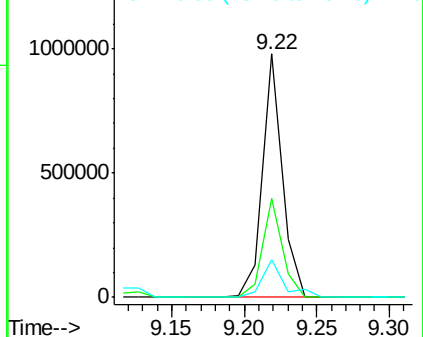
Tgt Ion:	154	Resp:	927919
Ion Ratio	Lower	Upper	
154	100		
153	40.8	22.0	62.0
76	15.4	0.0	29.0

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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: 38.15 ng

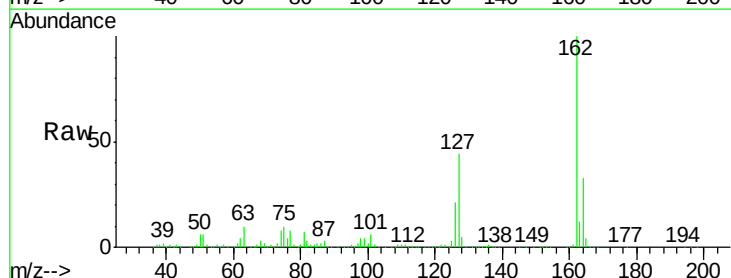
RT: 9.24 min Scan# 626

Delta R.T. -0.10 min

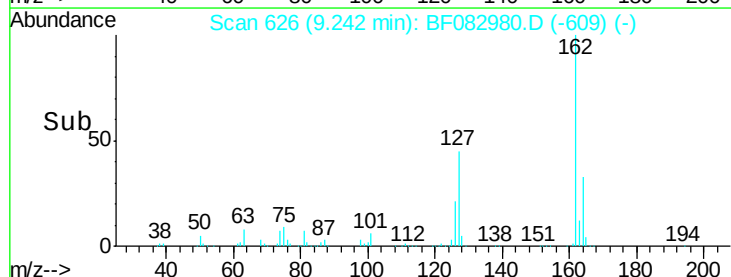
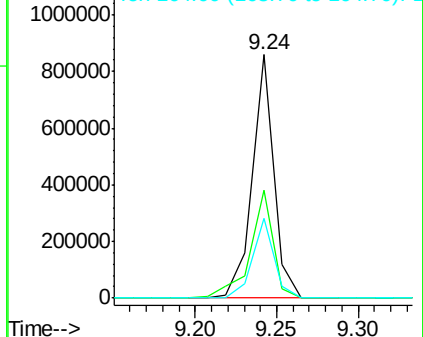
Lab File: BF082980.D

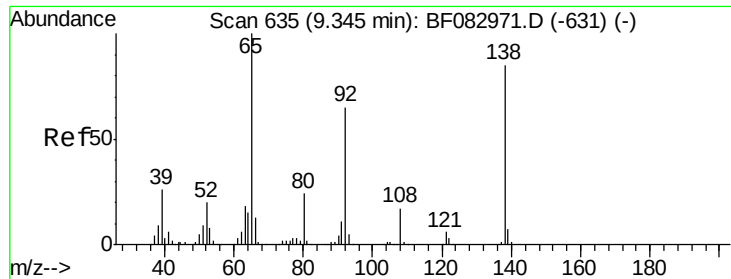
Acq: 17 Nov 2015 22:02

Tgt Ion:	162	Resp:	784148
Ion Ratio	Lower	Upper	
162	100		
127	44.1	32.7	49.1
164	32.8	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





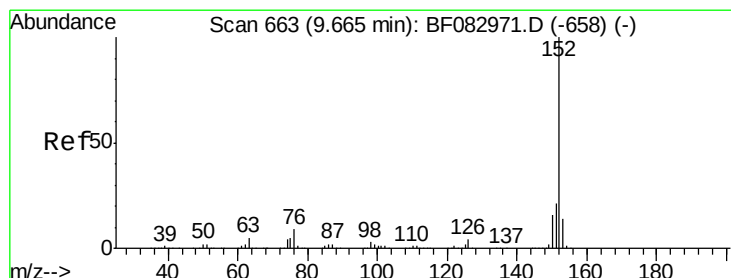
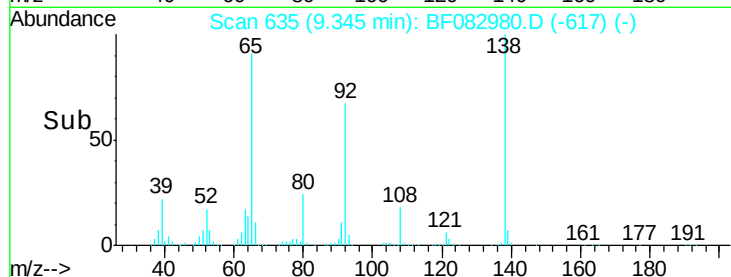
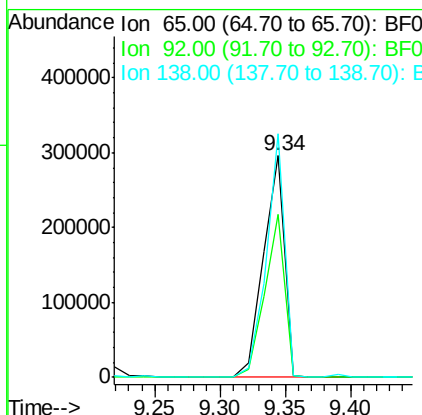
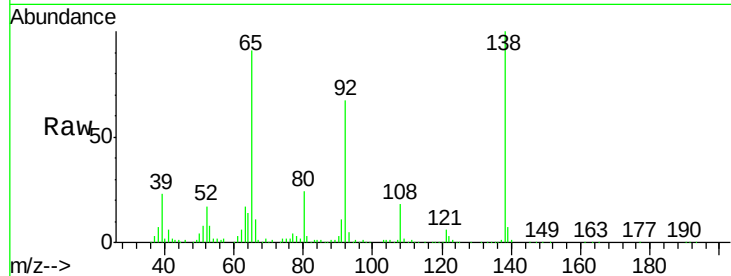
#47
2-Nitroaniline
Concen: 43.74 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	333505		
92	73.6	46.6	70.0#	
138	109.8	54.6	81.8#	

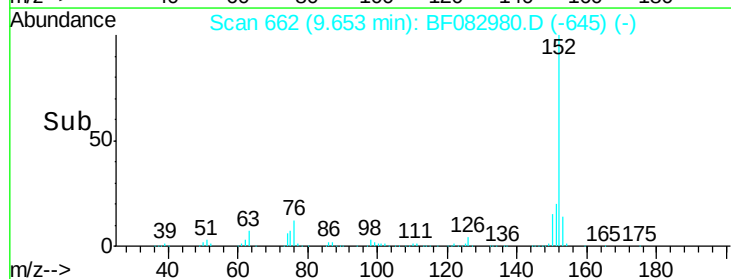
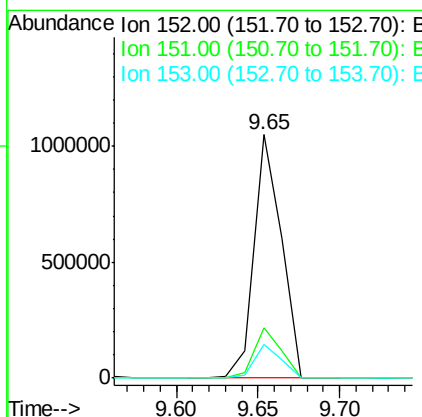
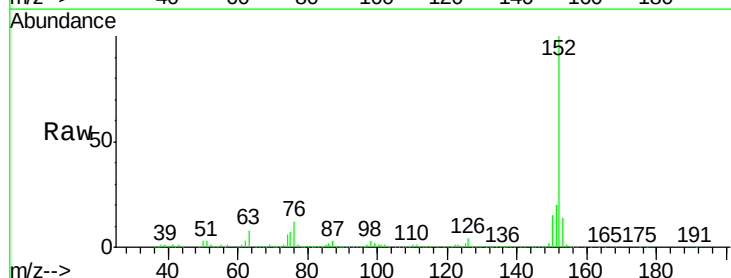
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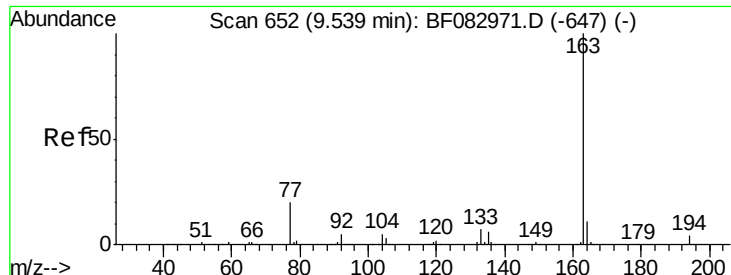
mohammad
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#48
Acenaphthylene
Concen: 37.92 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1221316		
151	20.5	17.3	25.9	
153	13.7	11.3	16.9	





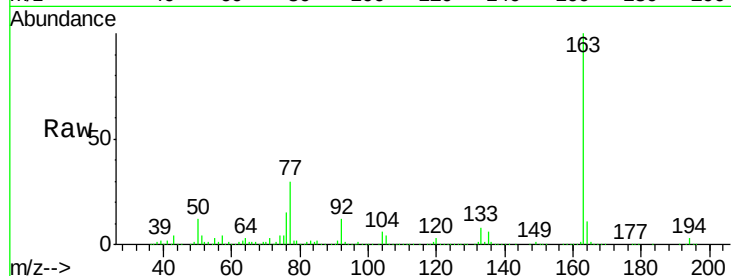
#49
Dimethylphthalate
Concen: 54.75 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

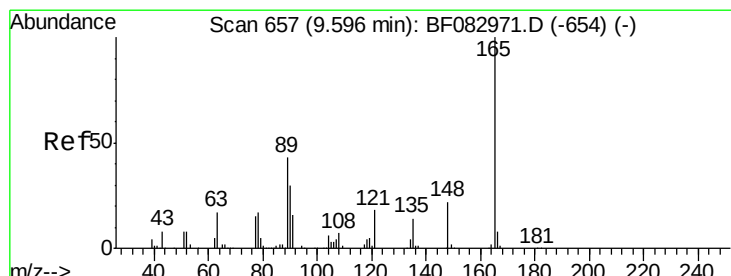
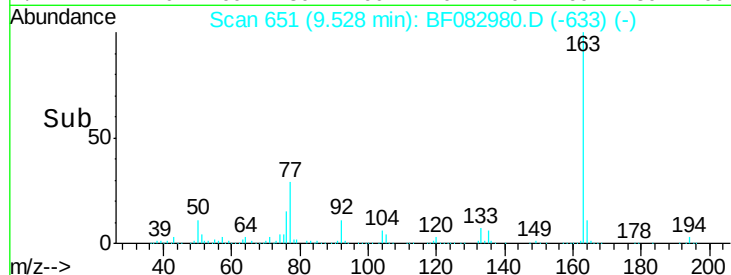
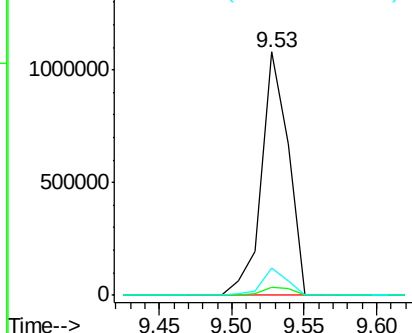
Tgt Ion:163 Resp: 1377427
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.0 8.7 13.1

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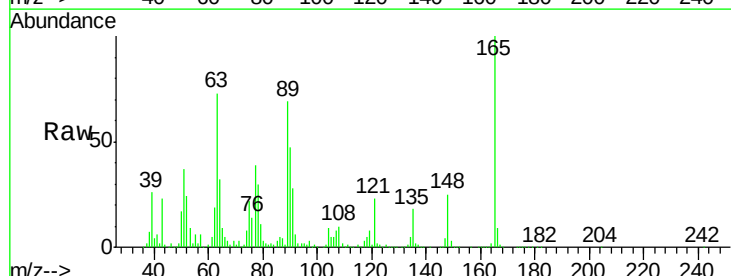


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

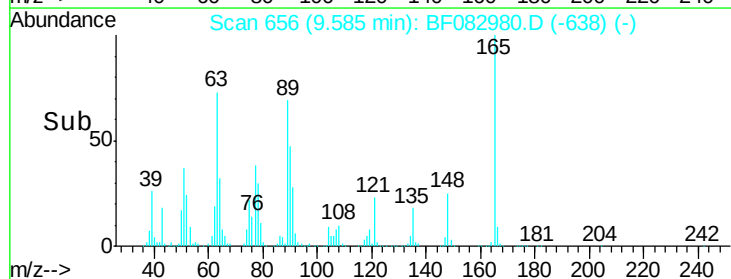
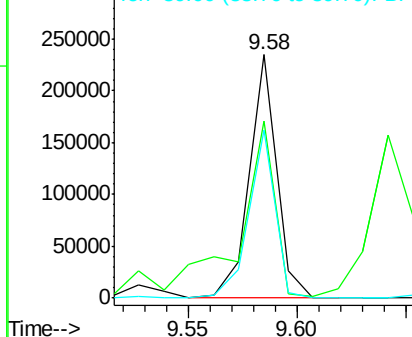


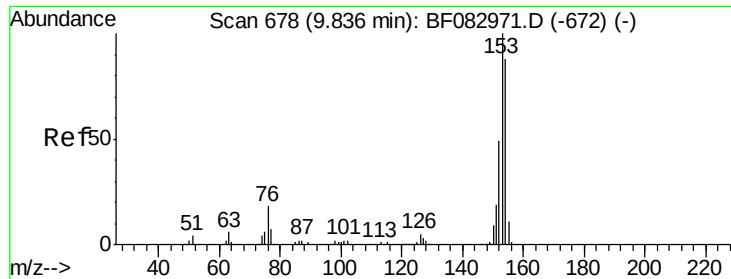
#50
2,6-Dinitrotoluene
Concen: 38.24 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion:165 Resp: 205264
Ion Ratio Lower Upper
165 100
63 73.0 55.5 83.3
89 69.1 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.76 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

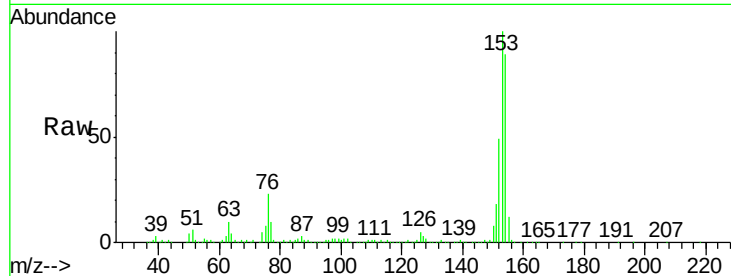
ClientSampleId :

SB-1MSD

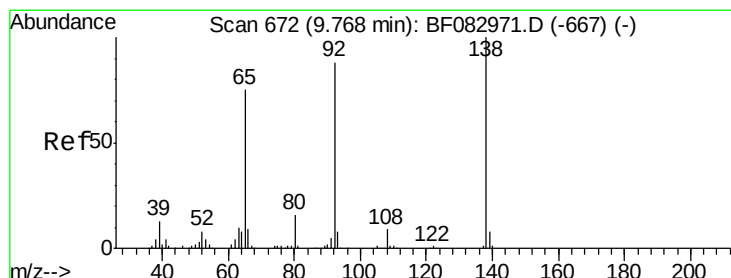
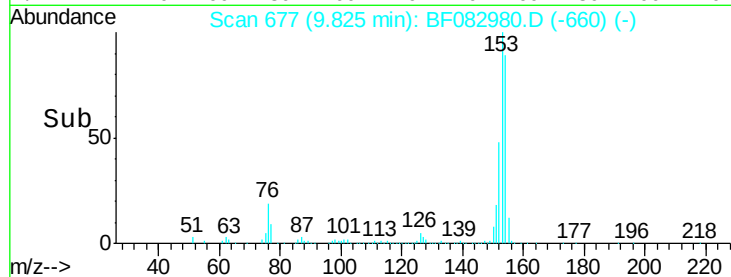
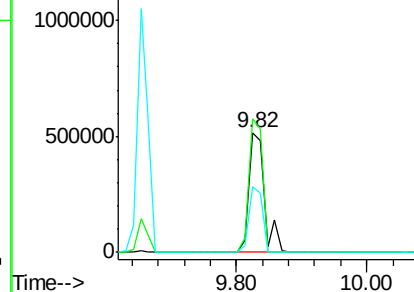
Tgt Ion:	154	Resp:	852446
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.1	135.1
152	54.7	44.3	66.5

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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: 27.71 ng

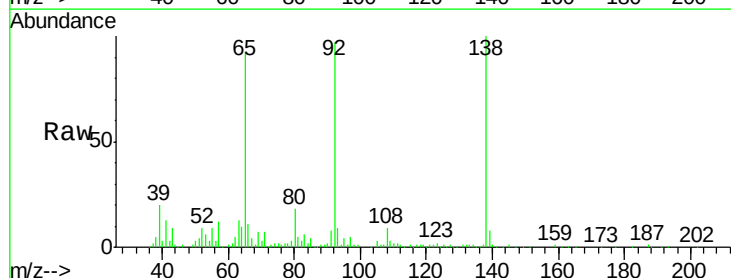
RT: 9.76 min Scan# 671

Delta R.T. -0.09 min

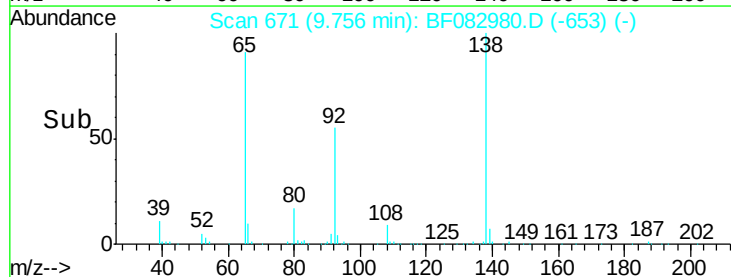
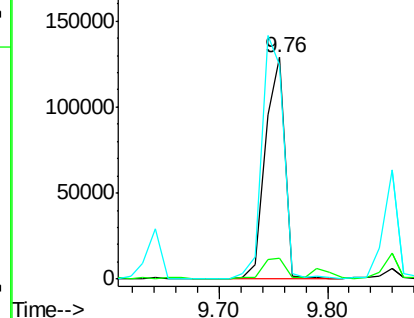
Lab File: BF082980.D

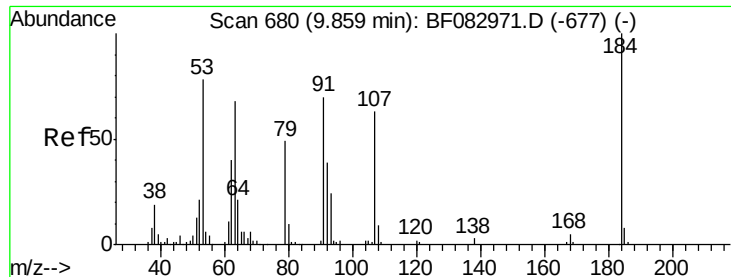
Acq: 17 Nov 2015 22:02

Tgt Ion:	138	Resp:	163588
Ion Ratio	Lower	Upper	
138	100		
108	9.3	11.3	16.9#
92	96.7	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





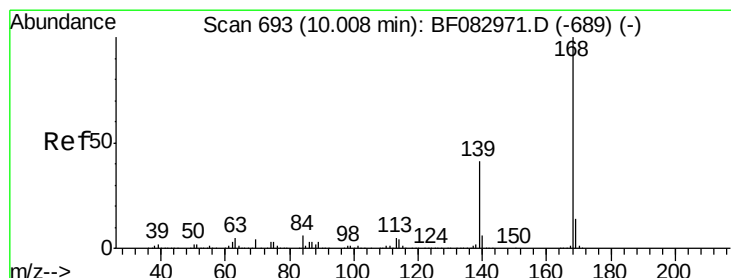
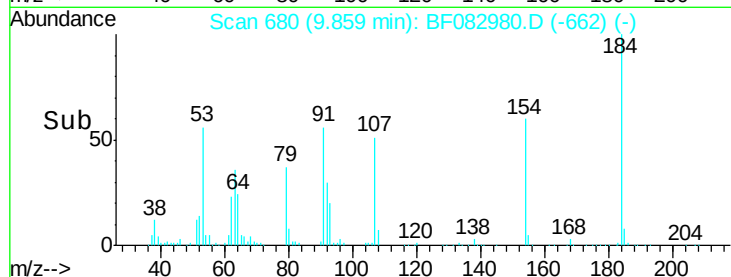
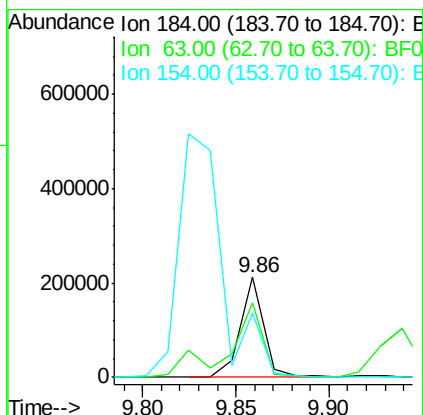
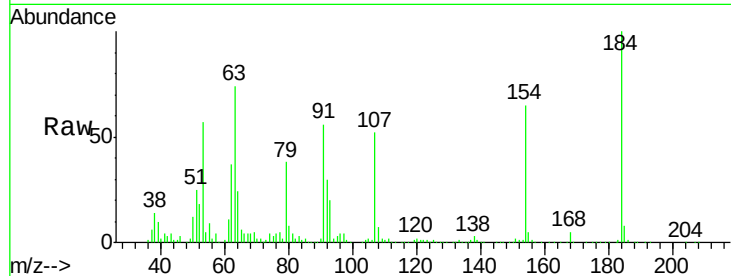
#53
2,4-Dinitrophenol
Concen: 63.65 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	187596		
63	74.3	98.6	148.0#	
154	64.7	183.9	275.9#	

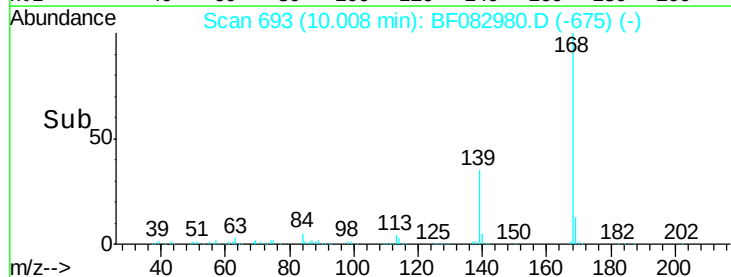
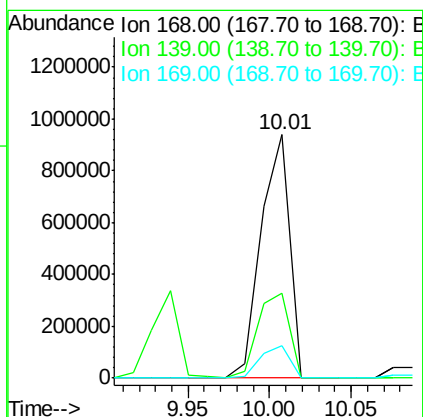
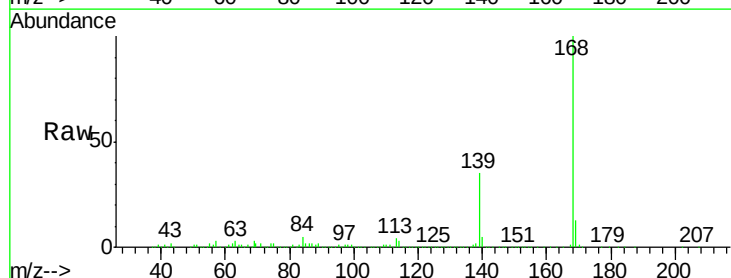
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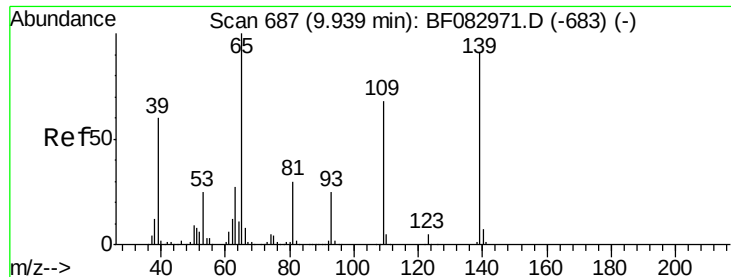
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#54
Dibenzofuran
Concen: 41.40 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1139551		
139	34.7	37.8	56.6#	
169	13.1	11.3	16.9	





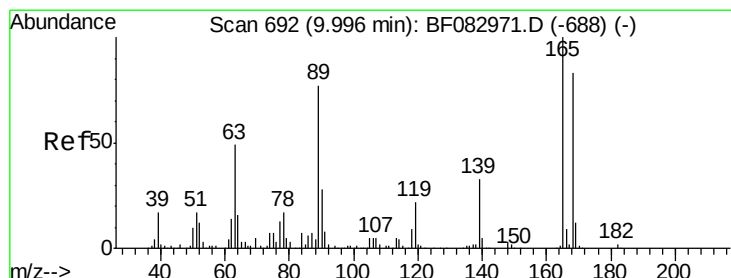
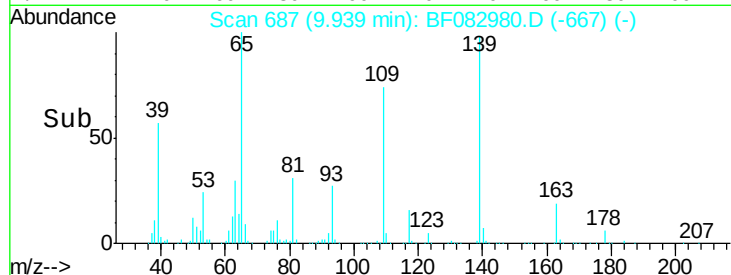
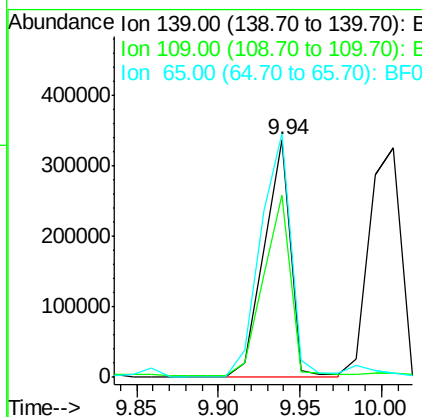
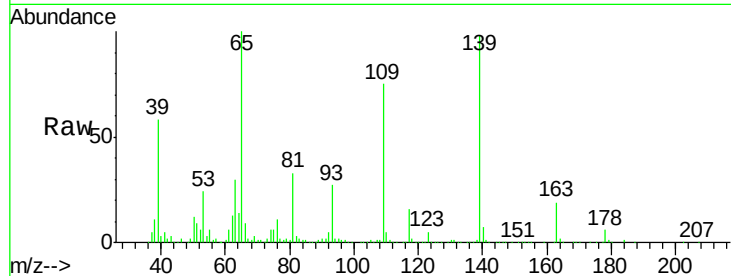
#55
4-Nitrophenol
Concen: 84.14 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	381052		
109	76.4	73.7	113.7	
65	102.4	82.9	122.9	

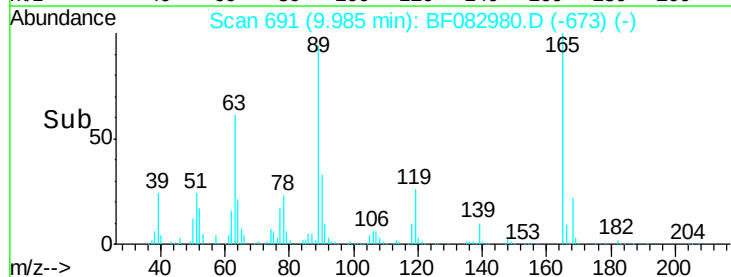
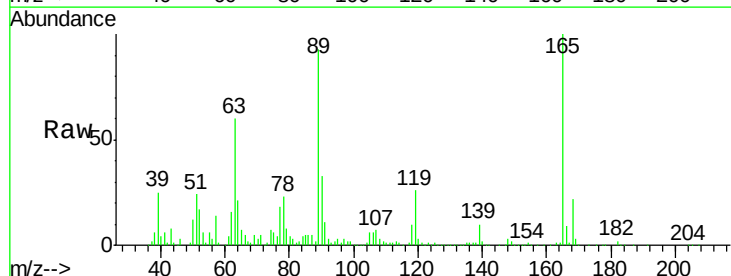
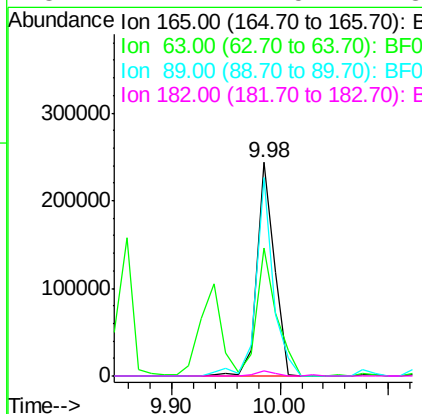
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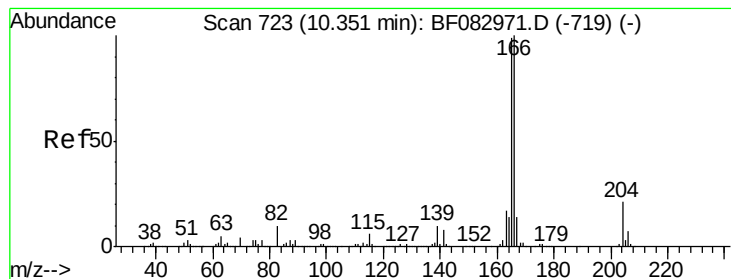
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#56
2,4-Dinitrotoluene
Concen: 37.29 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	271607		
63	60.1	43.4	65.0	
89	92.9	70.6	106.0	
182	2.2	1.5	2.3	





#57

Fluorene

Concen: 38.58 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

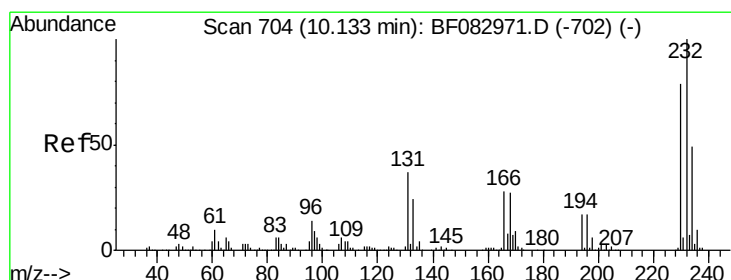
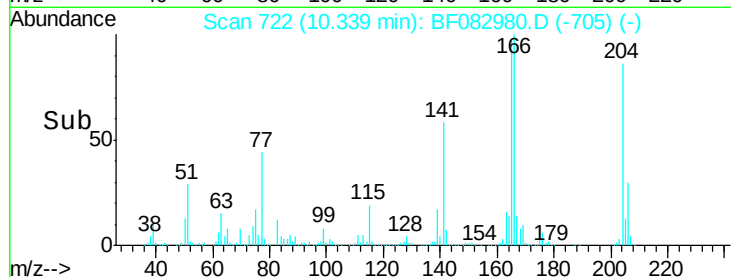
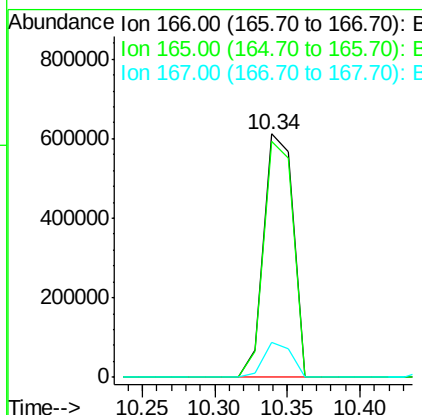
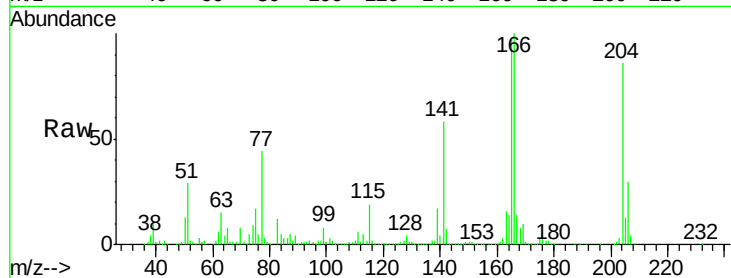
ClientSampleId :

SB-1MSD

Tgt Ion:	166	Resp:	859816
Ion Ratio		Lower	Upper
166	100		
165	97.2	80.2	120.4
167	14.2	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.84 ng

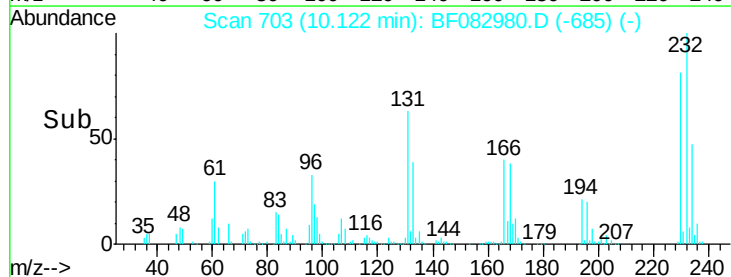
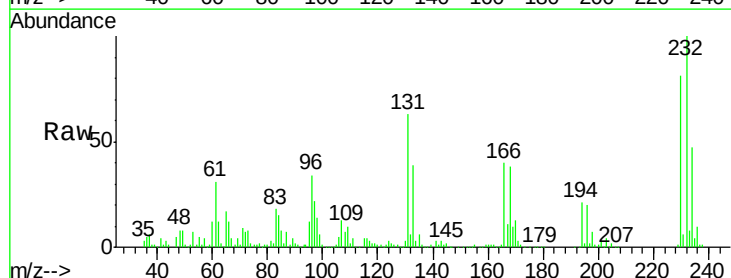
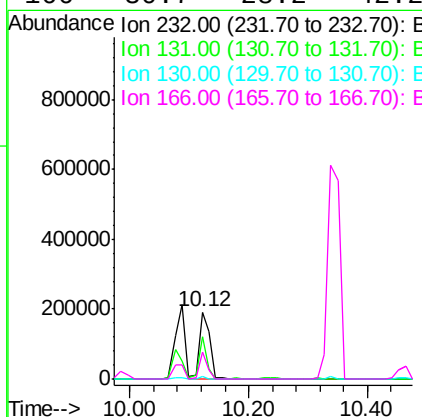
RT: 10.12 min Scan# 703

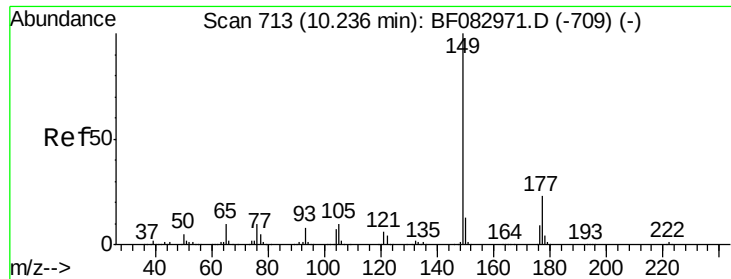
Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:	232	Resp:	242236
Ion Ratio		Lower	Upper
232	100		
131	43.6	46.2	69.2#
130	2.4	2.4	3.6
166	30.7	28.2	42.2





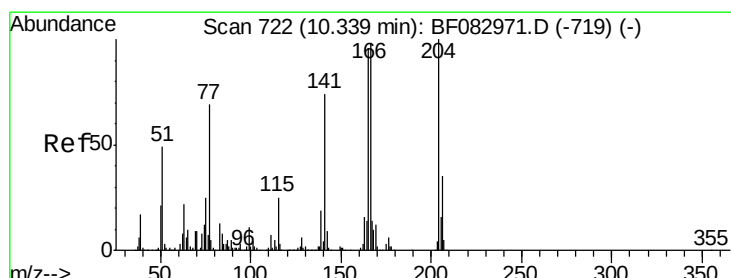
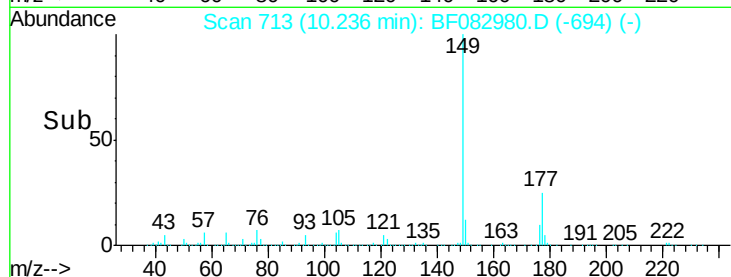
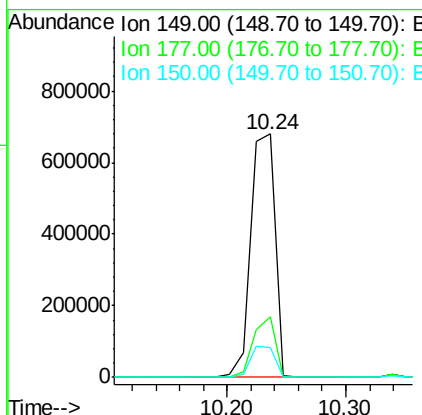
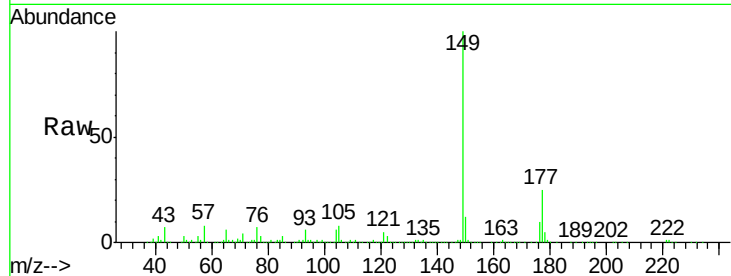
#59
Diethylphthalate
Concen: 39.62 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.08 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
149	100		973240		
177	25.1		17.9	26.9	
150	12.2		10.1	15.1	

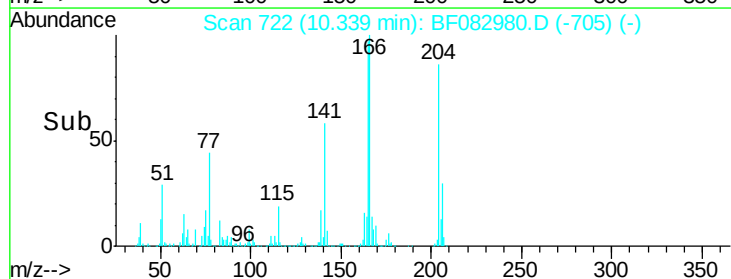
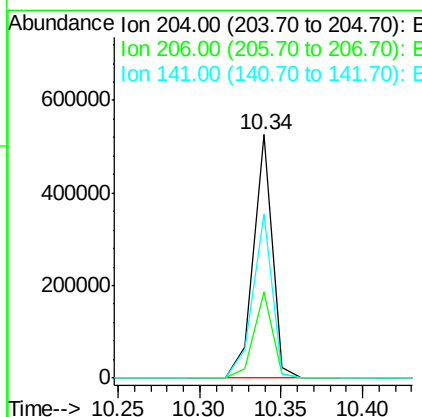
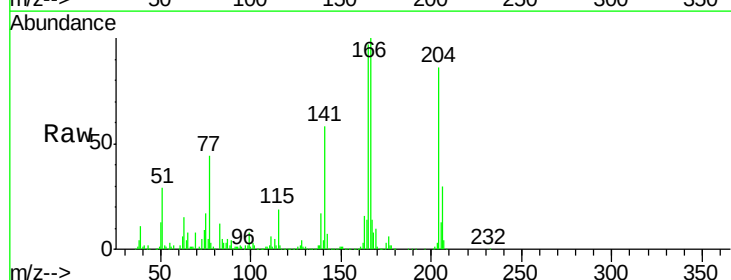
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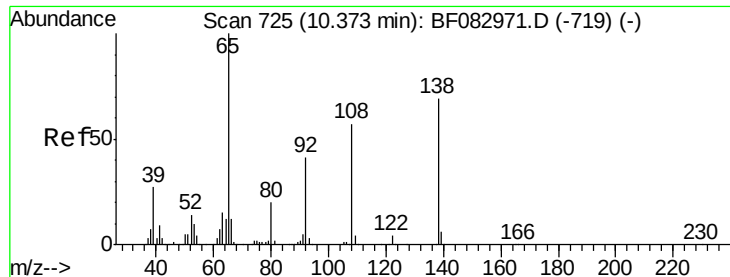
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.01 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt	Ion	Ratio	Resp	Lower	Upper
204	100		423948		
206	35.2		28.5	42.7	
141	67.4		44.6	66.8	





#61

4-Nitroaniline

Concen: 41.77 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.08 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

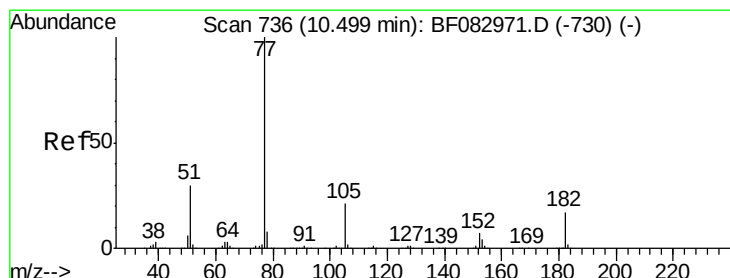
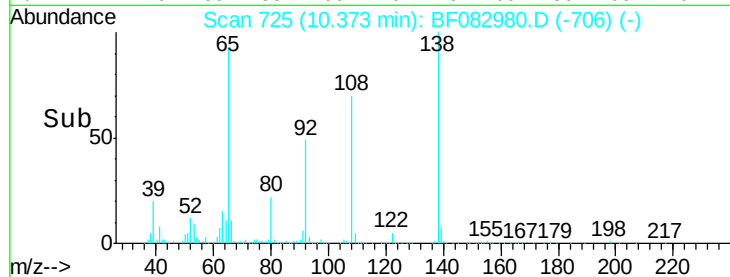
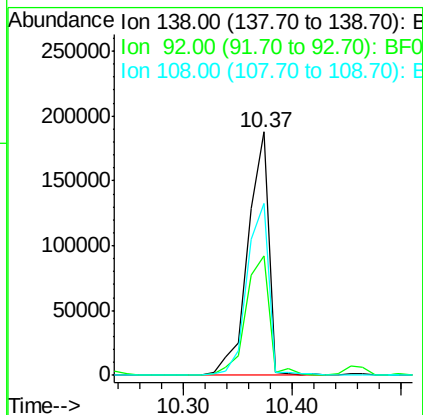
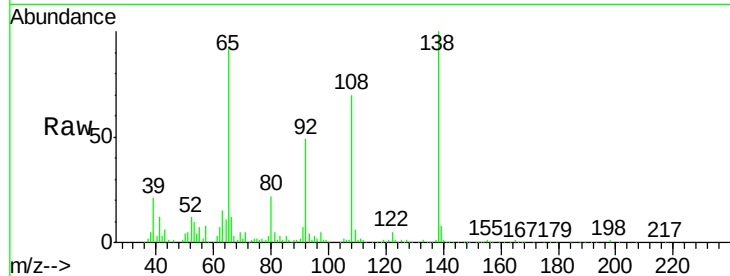
ClientSampleId :

SB-1MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	45.8	85.8
108	70.4	89.4	129.4

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#62

Azobenzene

Concen: 44.24 ng

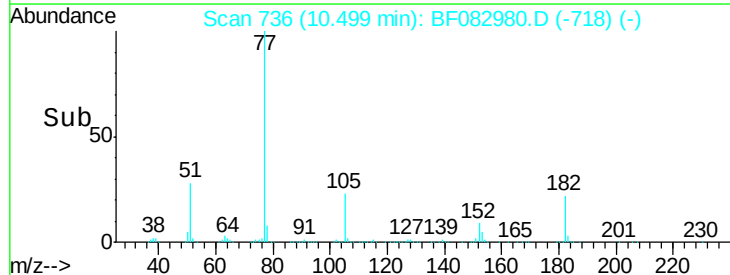
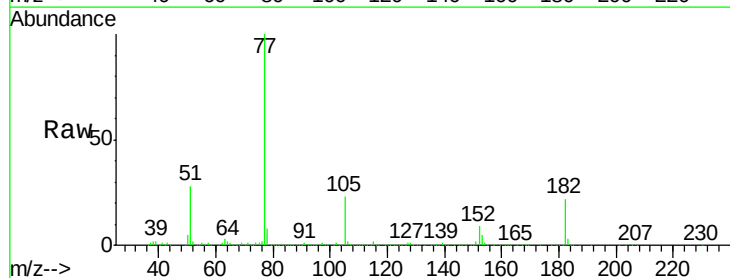
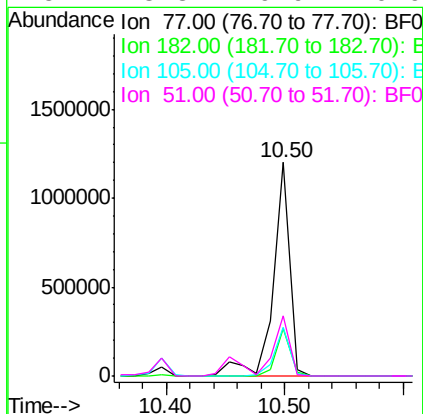
RT: 10.50 min Scan# 736

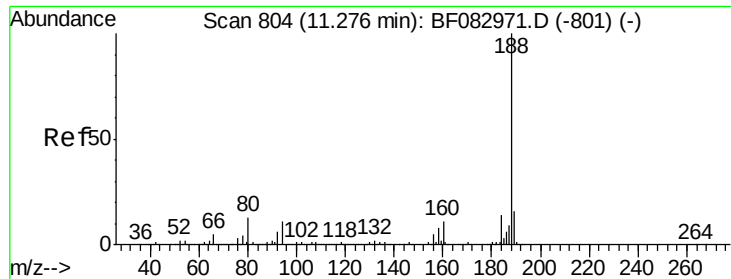
Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	9.3	49.3
105	22.8	2.6	42.6
51	28.3	9.9	49.9





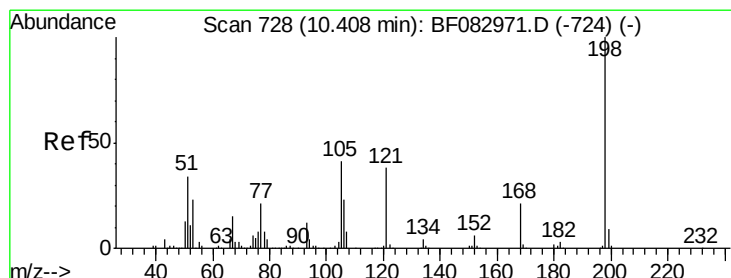
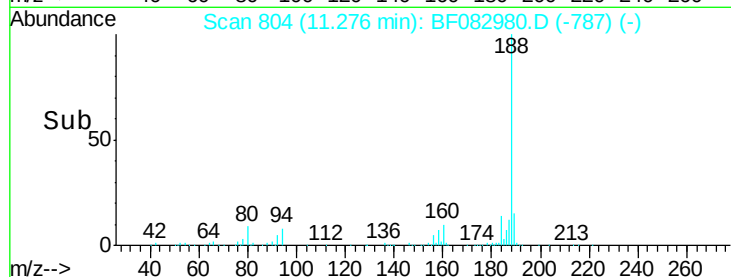
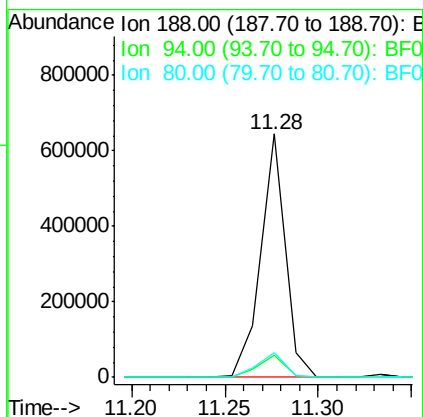
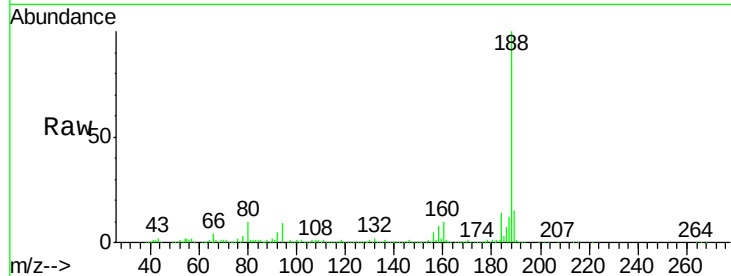
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	6.1	9.1
80	9.9	7.0	10.6

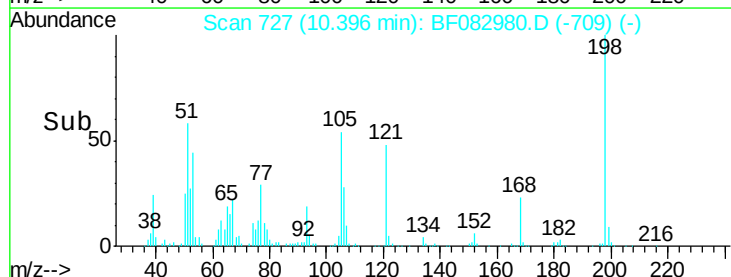
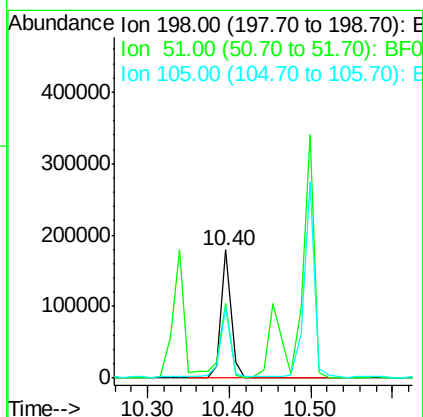
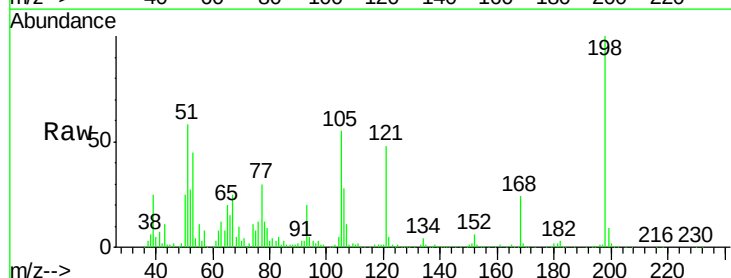
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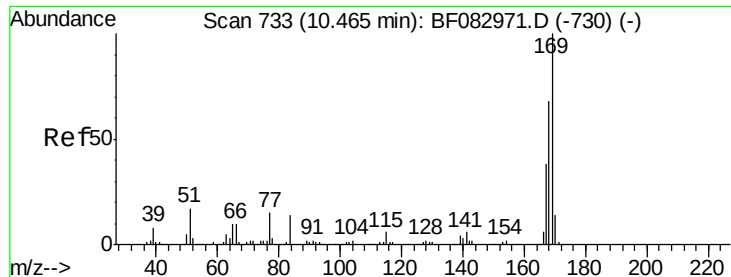
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.76 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	57.9	17.3	57.3#
105	55.2	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 38.80 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

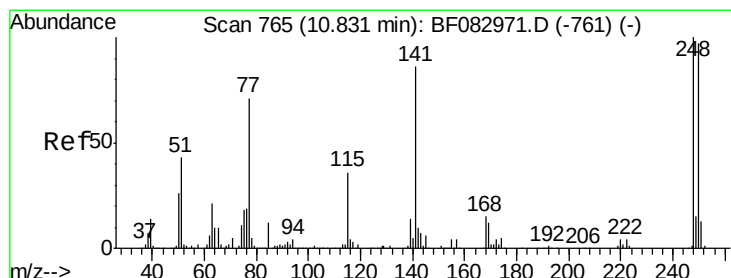
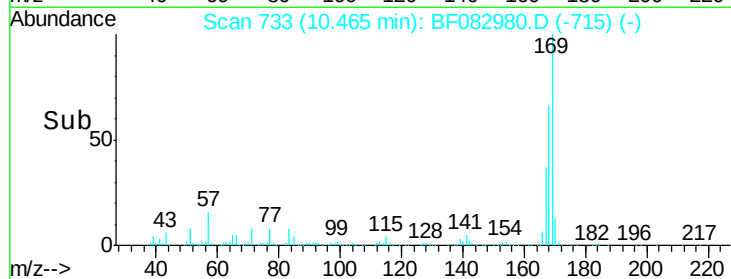
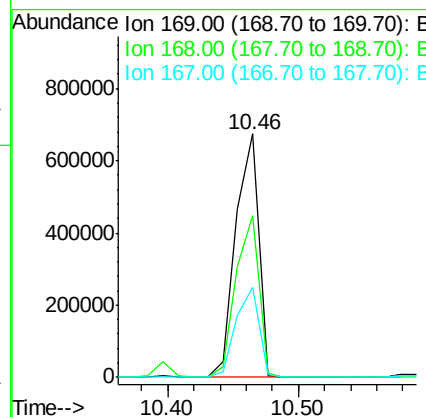
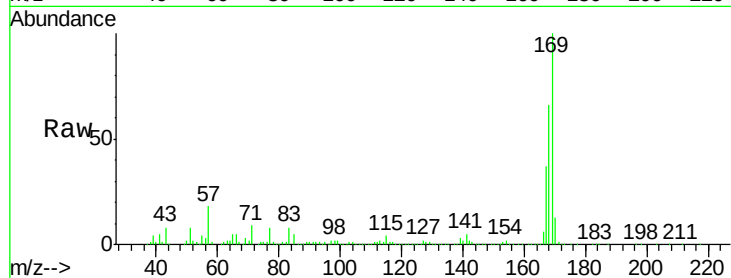
ClientSampleId :

SB-1MSD

Tgt Ion:	169	Resp:	819411
Ion Ratio	Lower	Upper	
169	100		
168	66.4	55.0	82.6
167	36.8	30.5	45.7

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#66

4-Bromophenyl-phenylether

Concen: 39.05 ng

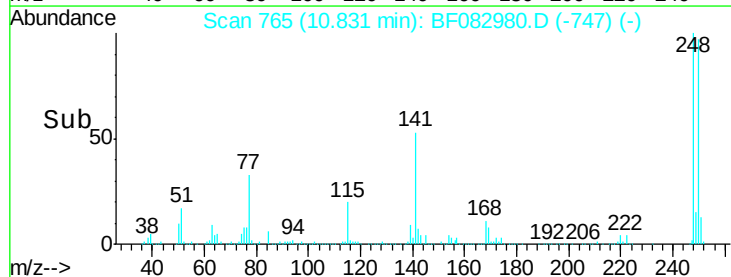
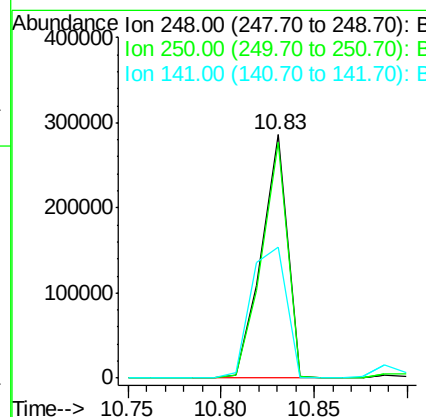
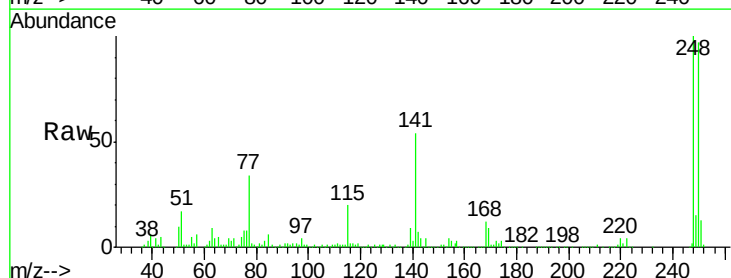
RT: 10.83 min Scan# 765

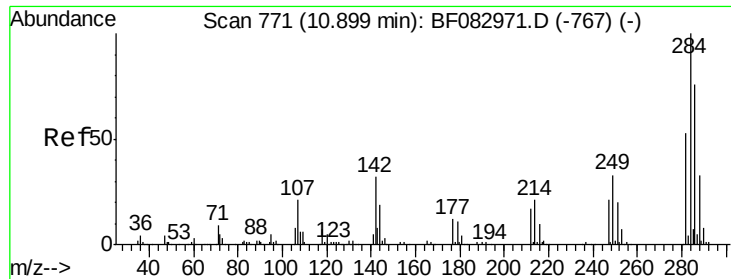
Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:	248	Resp:	274883
Ion Ratio	Lower	Upper	
248	100		
250	96.7	79.4	119.2
141	53.8	36.3	54.5





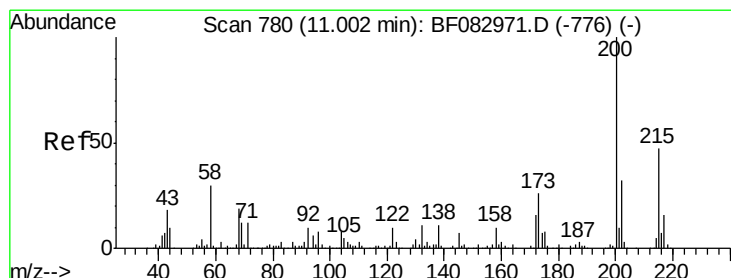
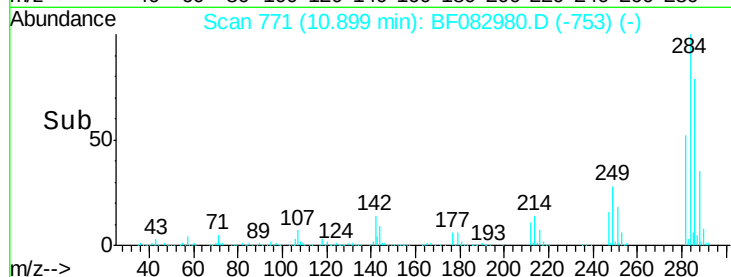
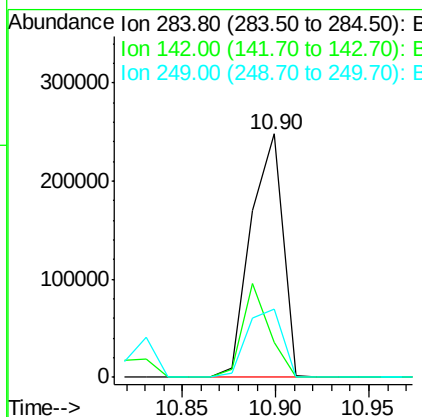
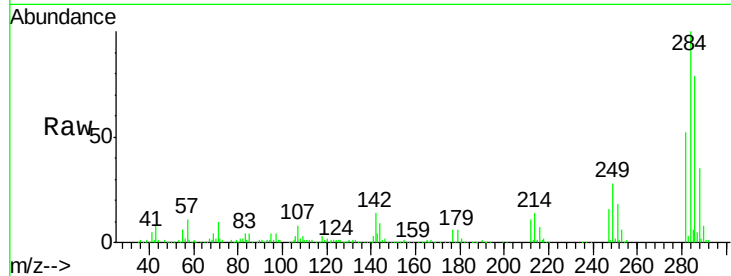
#67
Hexachlorobenzene
Concen: 37.45 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	14.5	47.9	71.9#
249	27.8	29.7	44.5#

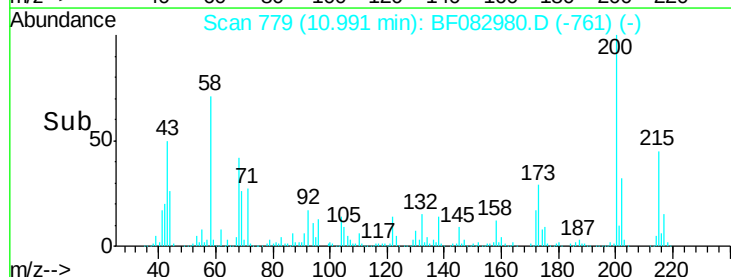
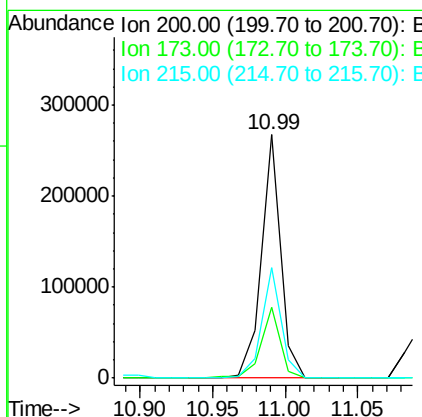
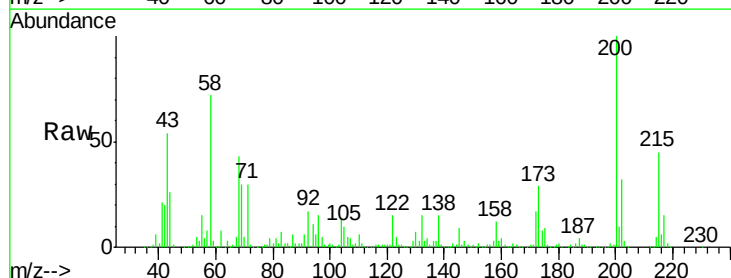
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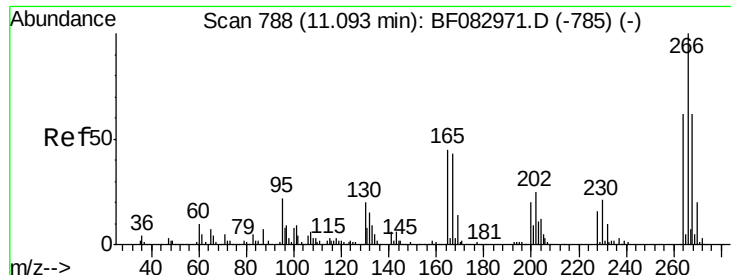
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#68
Atrazine
Concen: 37.67 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.0	6.9	46.9
215	45.5	22.9	62.9





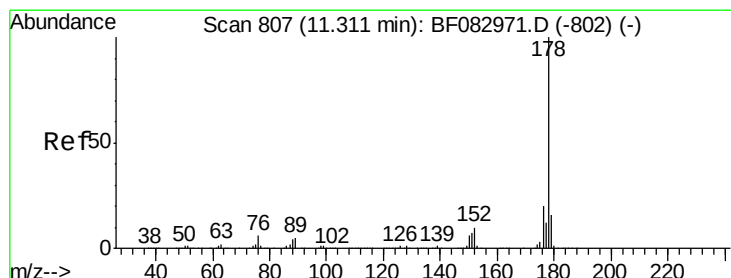
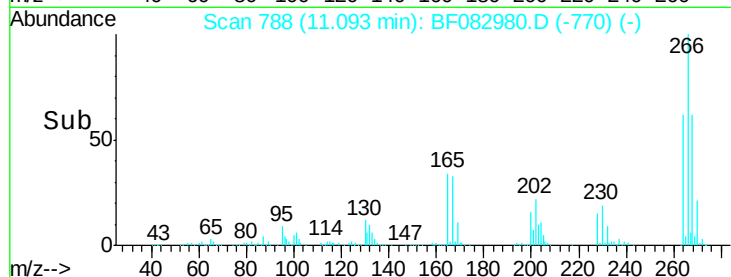
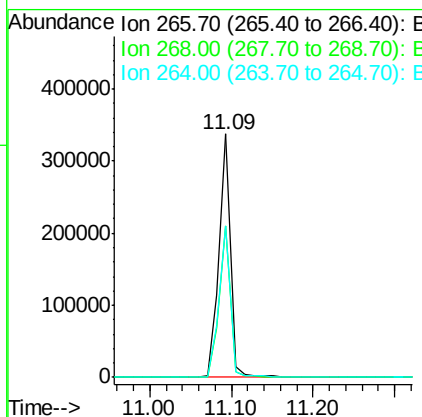
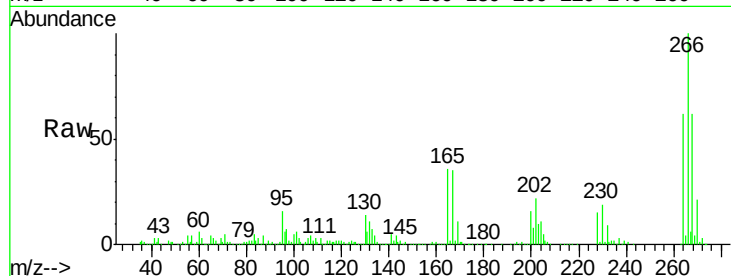
#69
 Pentachlorophenol
 Concen: 69.46 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	331568		
268	62.3	51.0	76.6	
264	62.1	50.6	75.8	

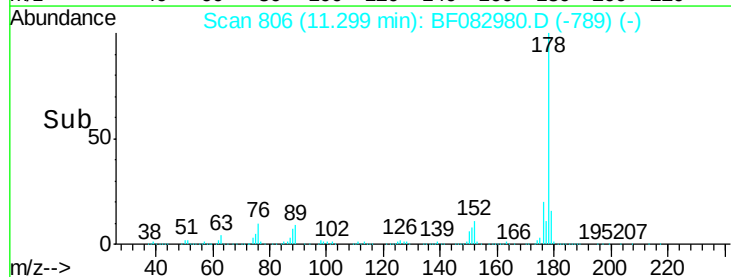
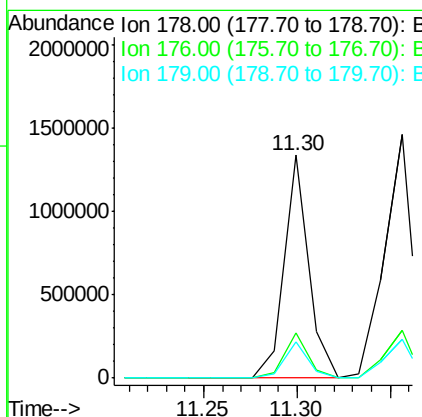
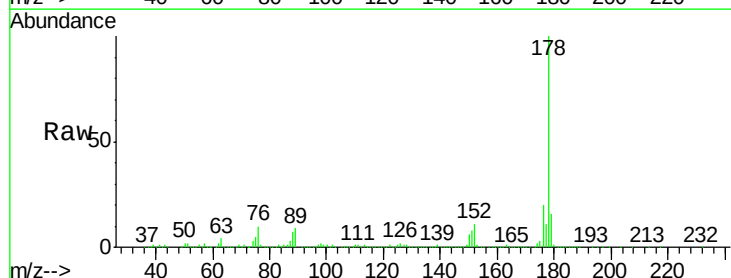
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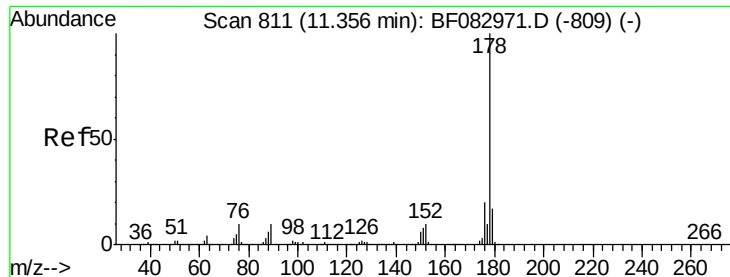
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#70
 Phenanthrene
 Concen: 36.03 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1223300		
176	20.2	17.0	25.4	
179	16.2	13.4	20.0	





#71

Anthracene

Concen: 40.10 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tgt Ion:178 Resp: 1434318

Ion Ratio Lower Upper

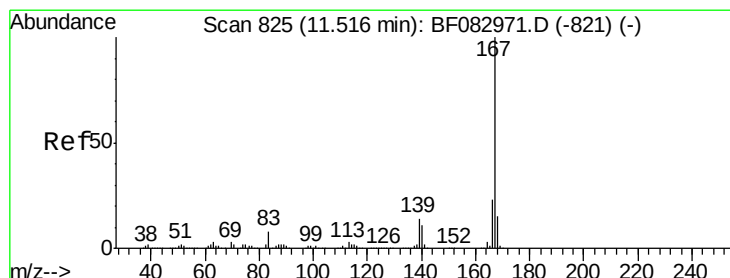
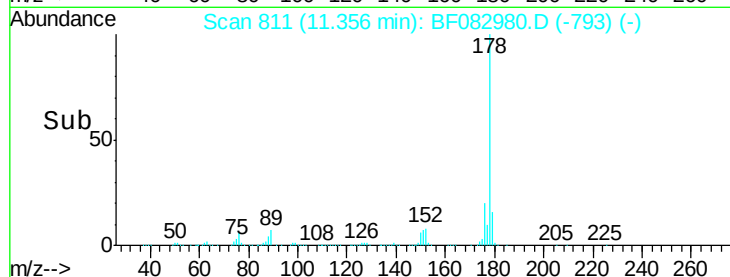
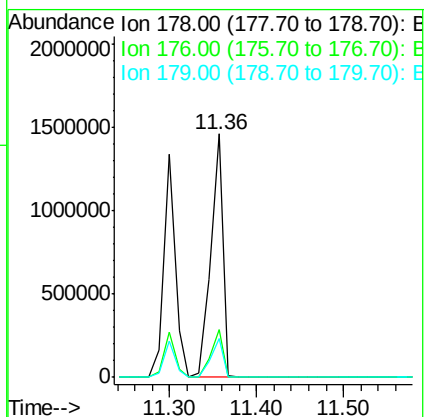
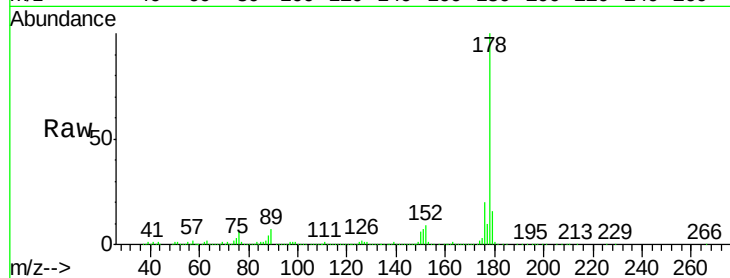
178 100

176 19.8 16.5 24.7

179 16.1 13.2 19.8

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#72

Carbazole

Concen: 37.01 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

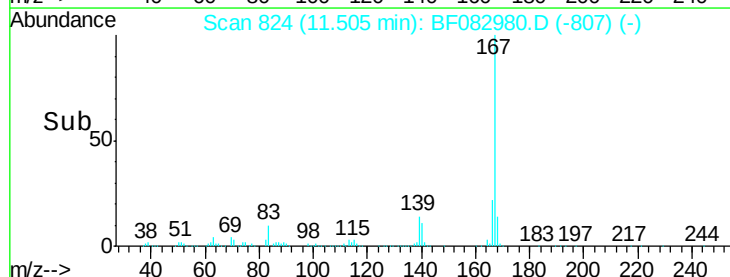
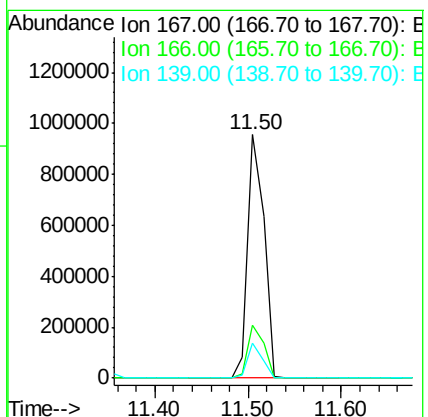
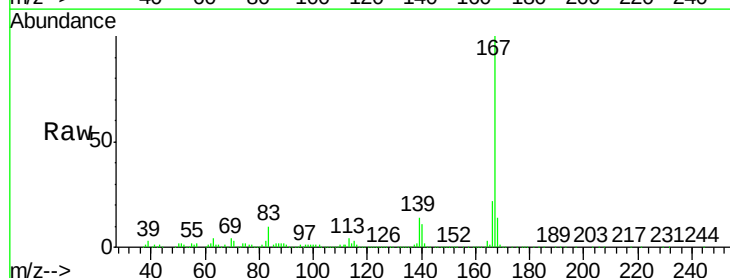
Tgt Ion:167 Resp: 1158601

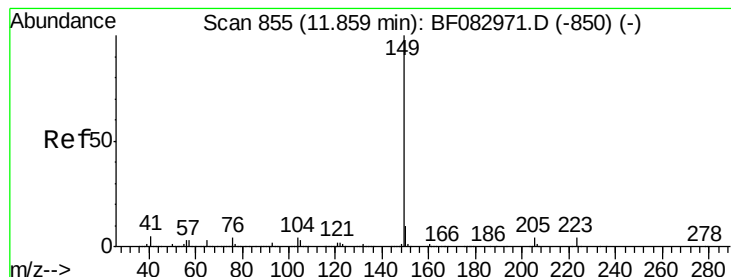
Ion Ratio Lower Upper

167 100

166 21.9 18.7 28.1

139 14.3 11.8 17.6





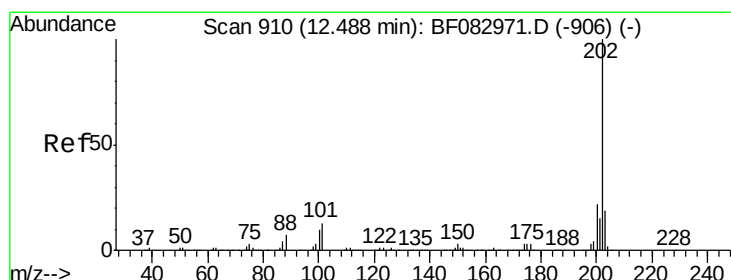
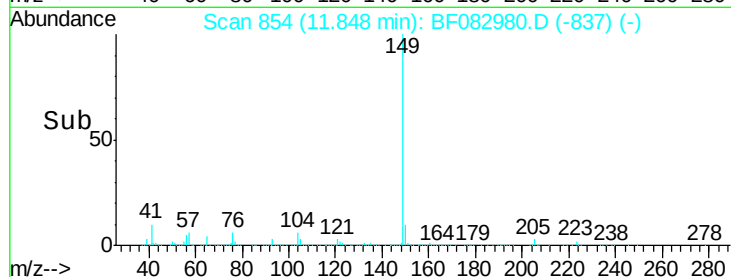
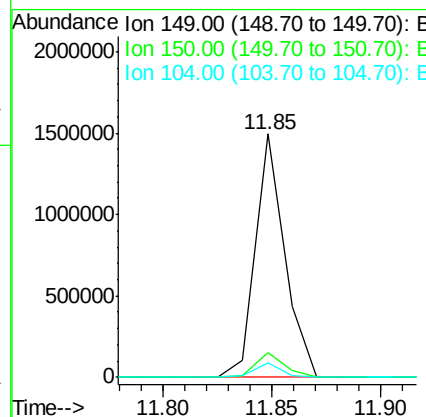
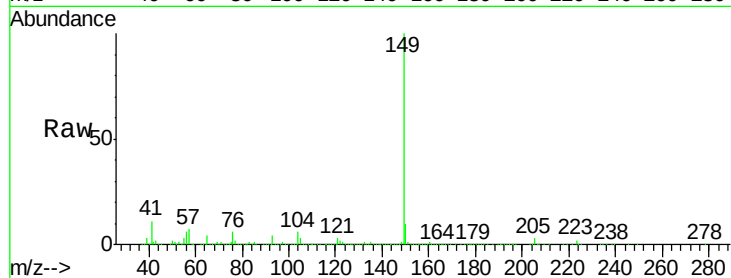
#73
Di-n-butylphthalate
Concen: 35.89 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	5.9	5.2	7.8

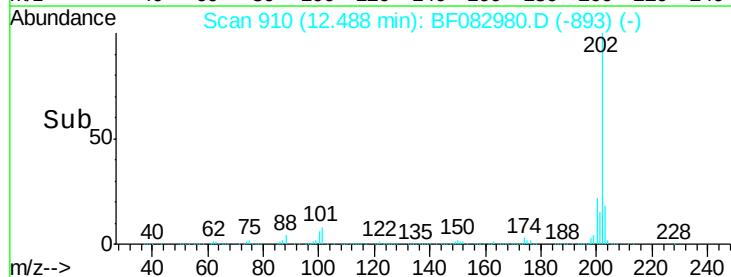
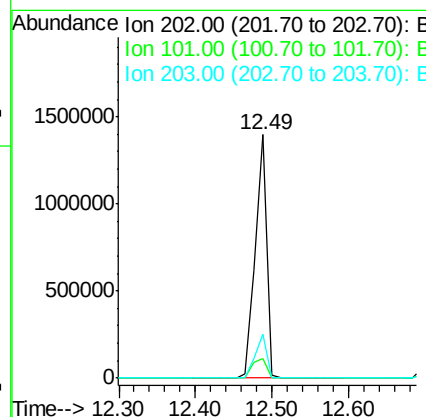
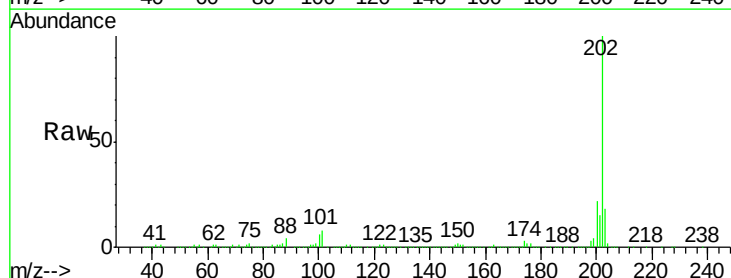
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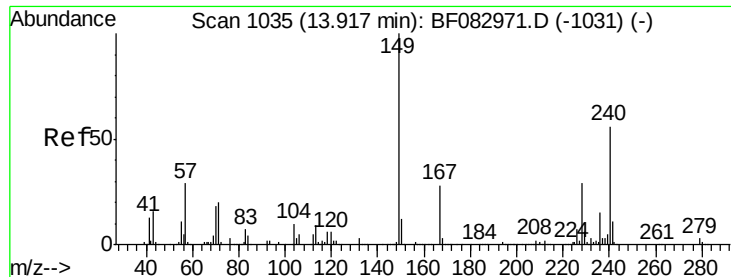
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#74
Fluoranthene
Concen: 39.02 ng
RT: 12.49 min Scan# 910
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	30.5
203	18.2	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

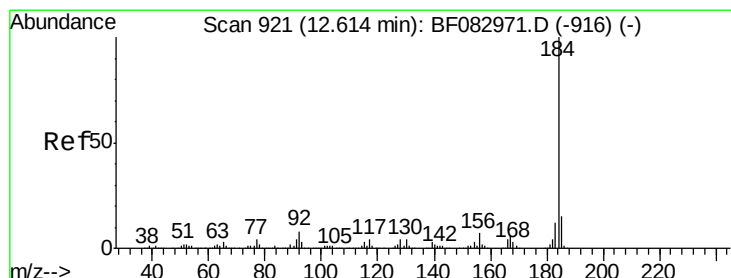
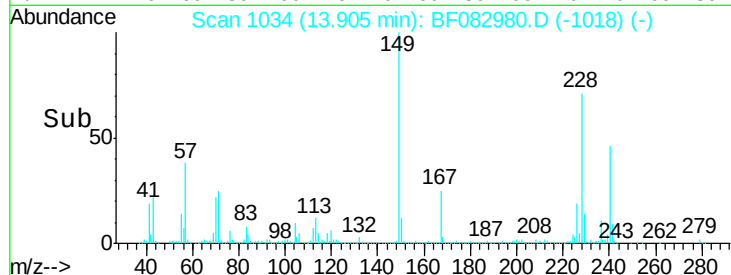
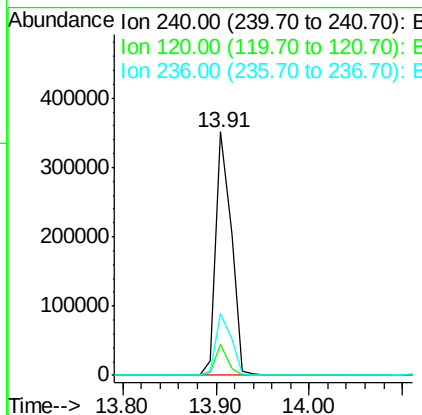
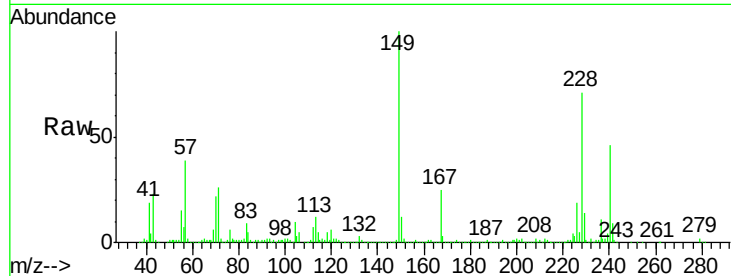
ClientSampleId :

SB-1MSD

Tgt Ion:	240	Resp:	401698
Ion Ratio		Lower	Upper
240	100		
120	13.0	10.9	16.3
236	25.2	21.6	32.4

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#76

Benzidine

Concen: 40.48 ng

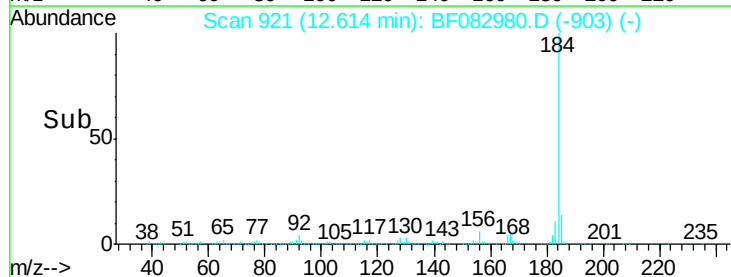
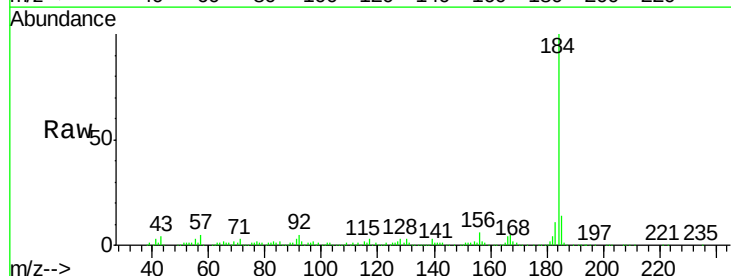
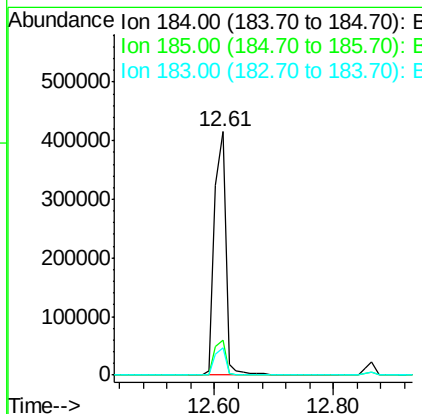
RT: 12.61 min Scan# 921

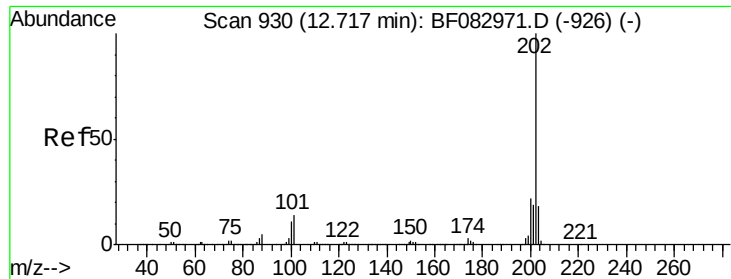
Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:	184	Resp:	544906
Ion Ratio		Lower	Upper
184	100		
185	14.2	12.0	18.0
183	11.3	9.6	14.4





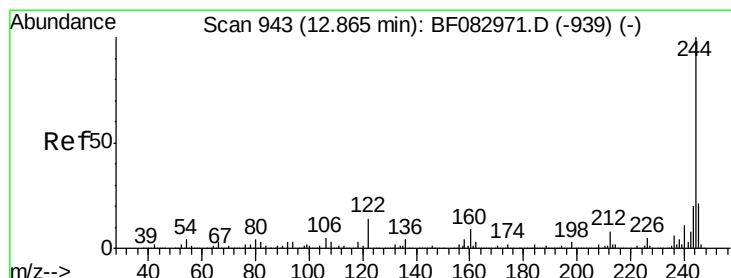
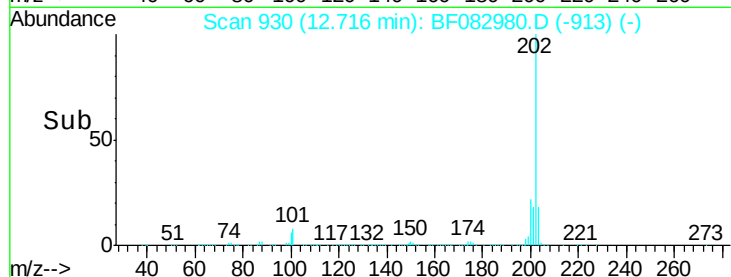
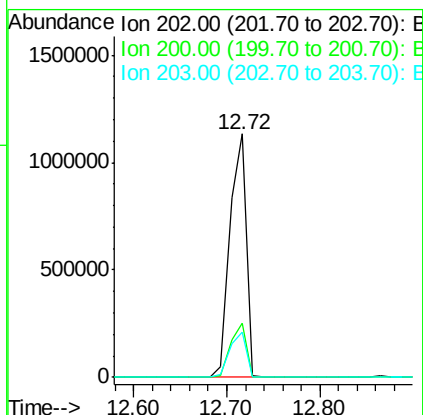
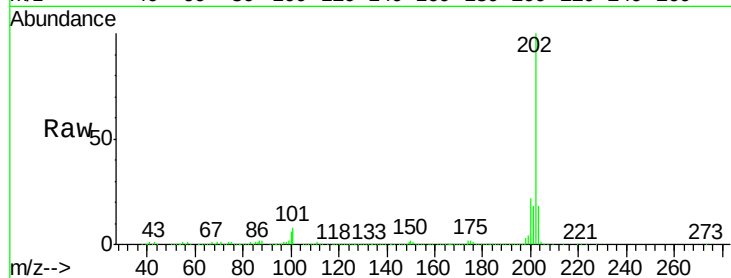
#77
Pyrene
 Concen: 50.67 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	18.4	14.8	22.2

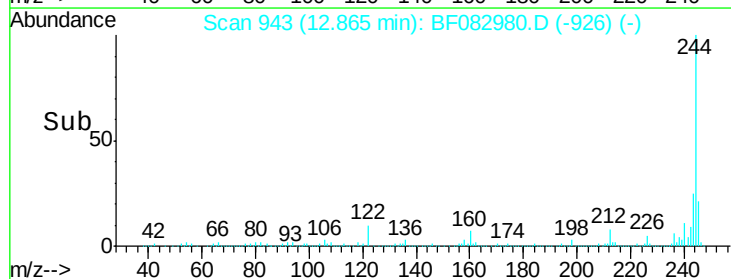
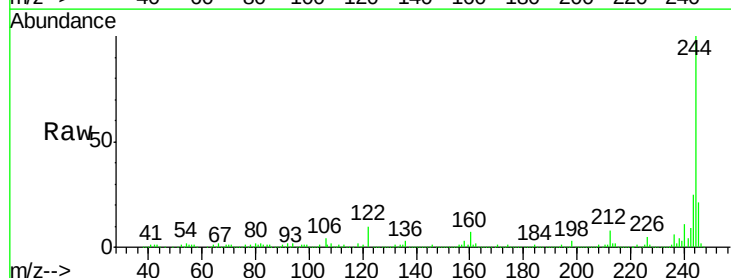
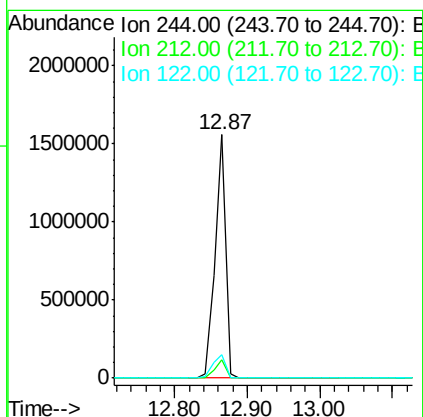
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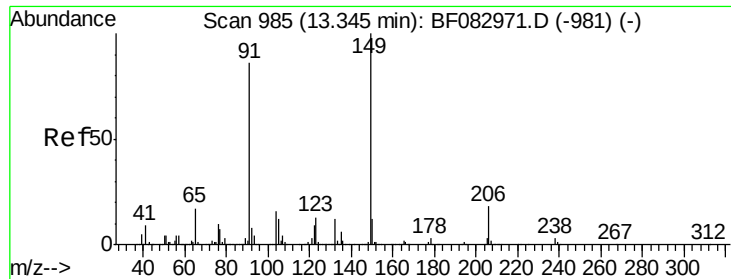
mohammad
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#78
Terphenyl-d14
 Concen: 92.50 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.6	11.4
122	9.5	11.3	16.9





#79

Butylbenzylphthalate

Concen: 53.23 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082980.D

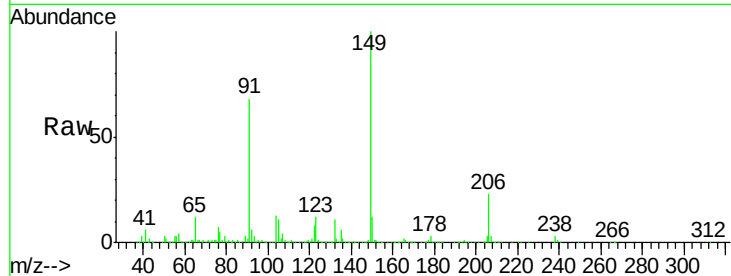
Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

SB-1MSD



Tgt Ion:149 Resp: 648746

Ion Ratio Lower Upper

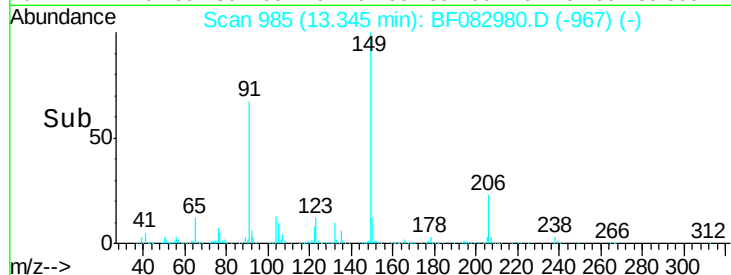
149 100

91 67.6 67.7 101.5#

206 22.6 14.6 22.0#

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

13.35

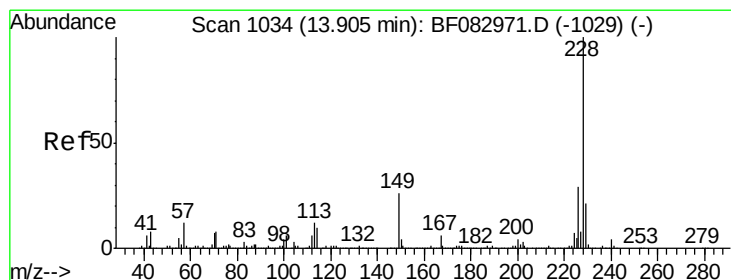
600000

400000

200000

0

Time--> 13.25 13.30 13.35 13.40



#80

Benzo(a)anthracene

Concen: 42.74 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

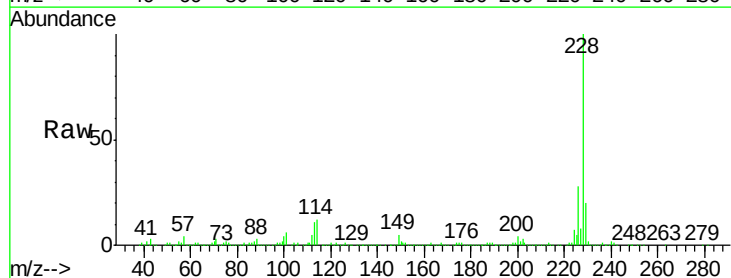
Tgt Ion:228 Resp: 1073634

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.2

229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

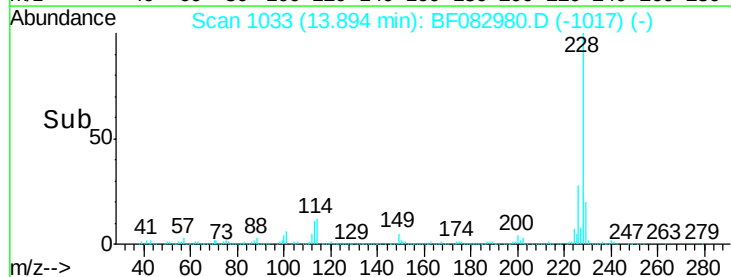
13.89

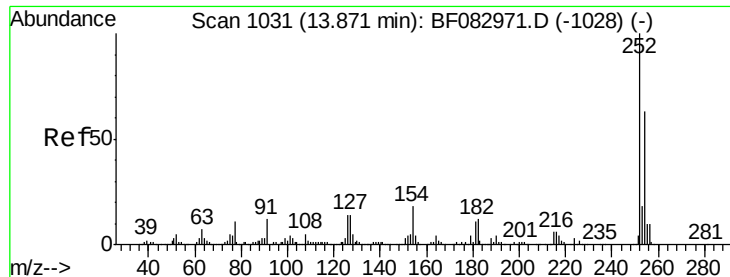
1000000

500000

0

Time--> 13.80 13.85 13.90





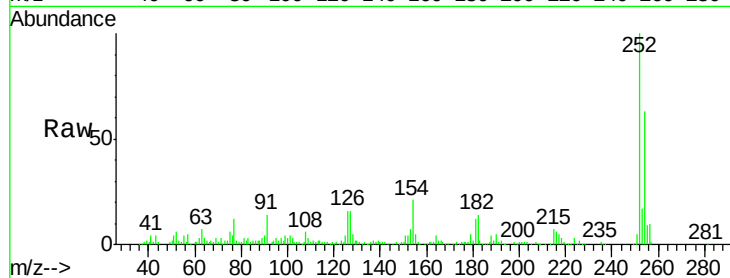
#81
 3,3'-Dichlorobenzidine
 Concen: 22.64 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

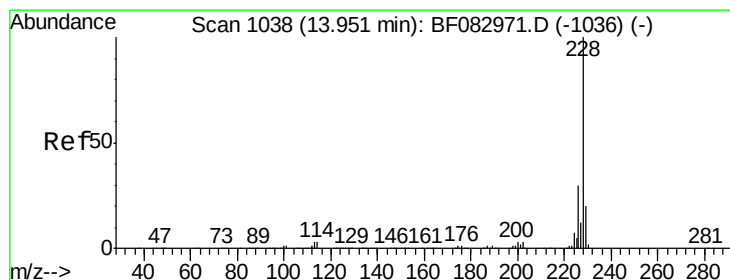
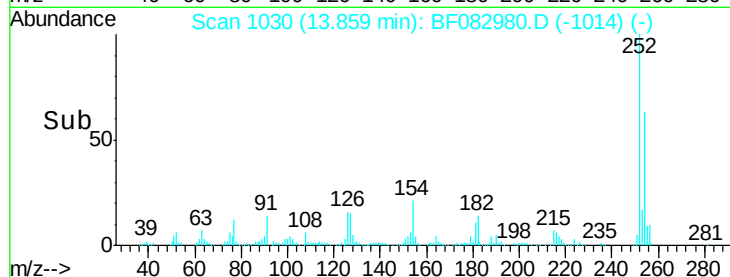
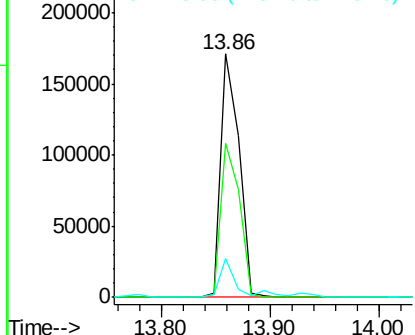
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.3	51.4	77.0
126	16.0	10.7	16.1

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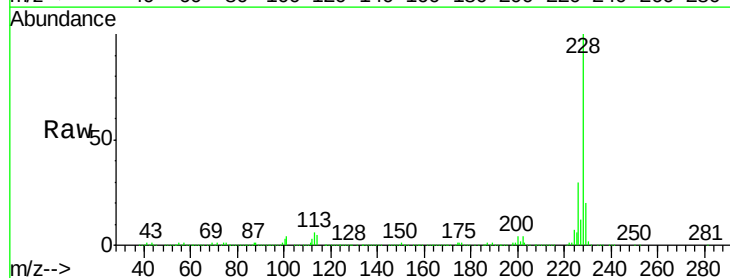


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

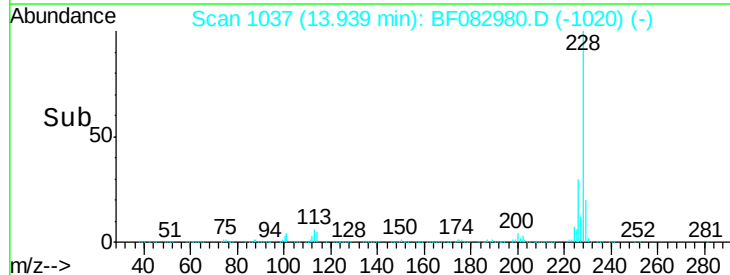
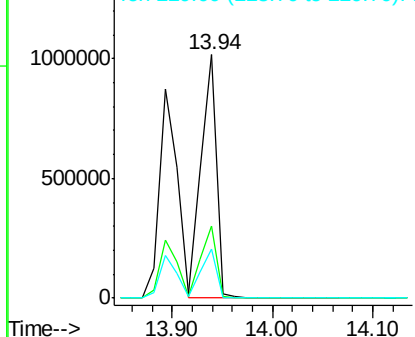


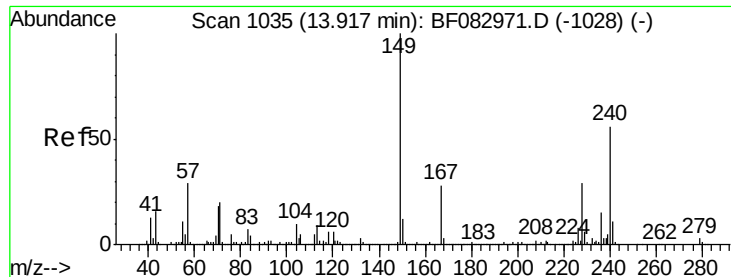
#82
 Chrysene
 Concen: 47.10 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.8	25.5	38.3
229	19.9	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





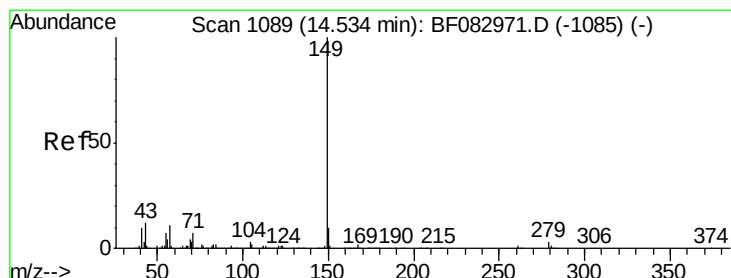
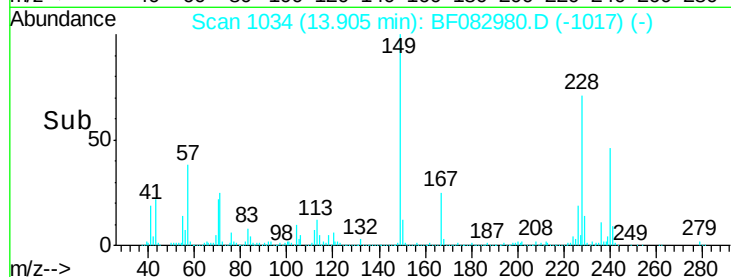
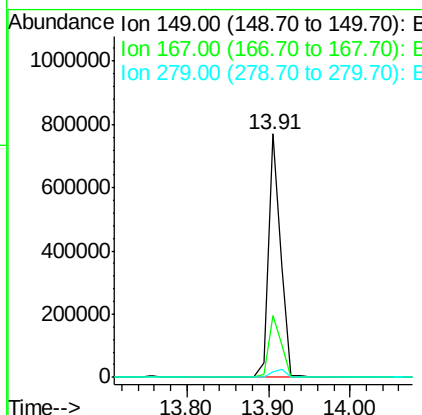
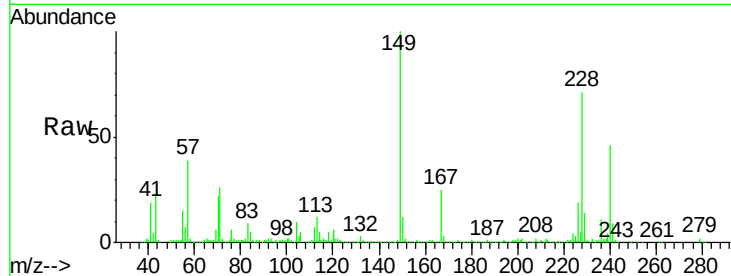
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.25 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :
 SB-1MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.2	31.8
279	2.1	2.2	3.2

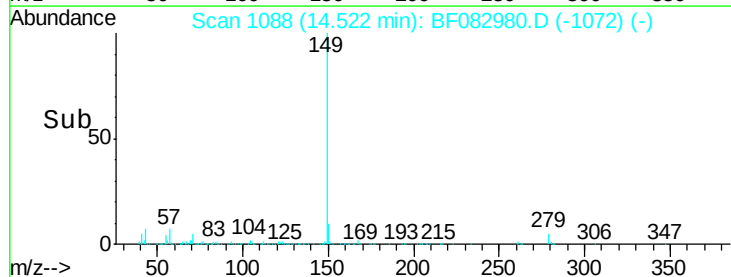
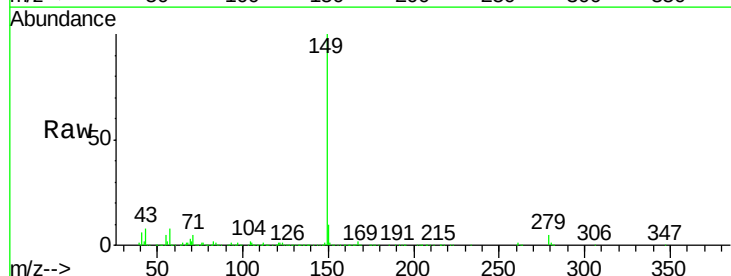
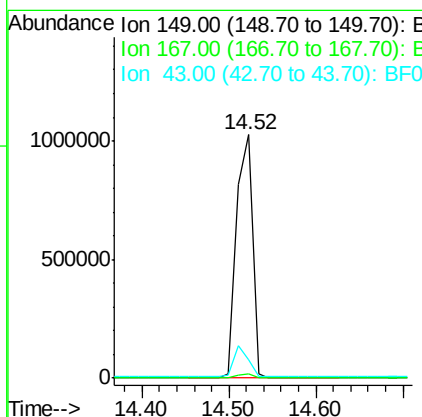
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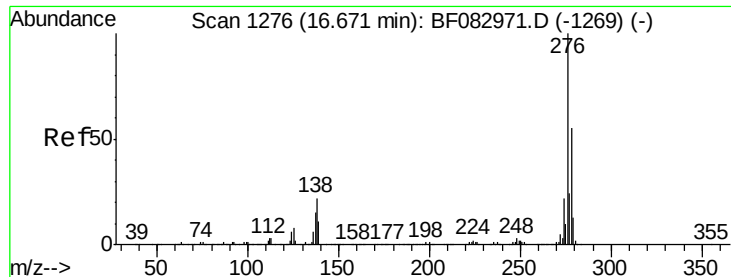
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#84
 Di-n-octyl phthalate
 Concen: 46.53 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.11 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.4	10.1	15.1





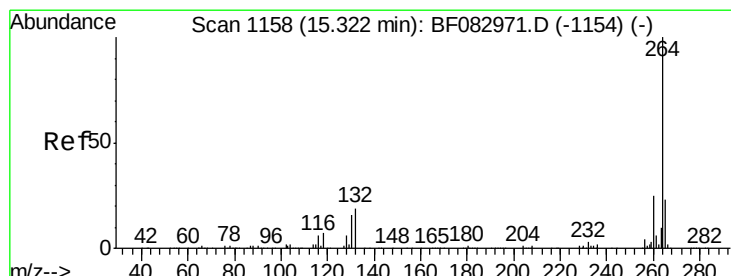
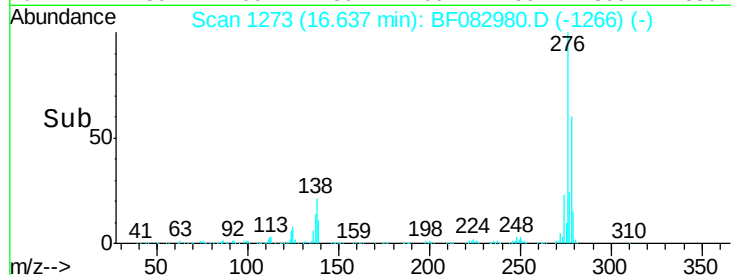
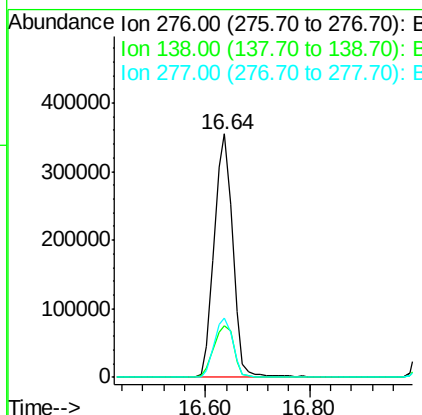
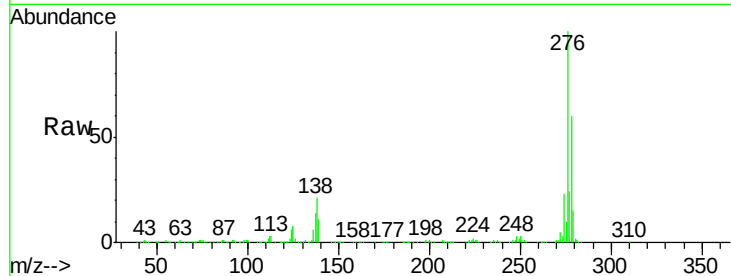
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.54 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.22 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	882632		
138	23.4	15.3	22.9#	
277	24.9	20.2	30.4	

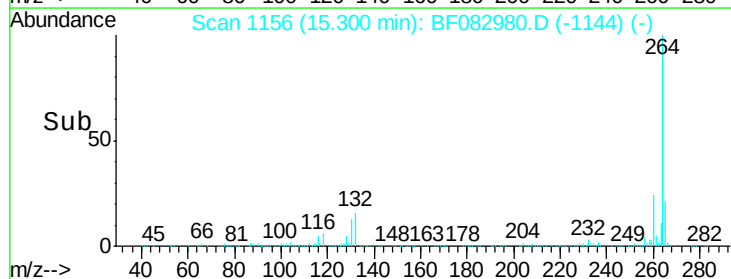
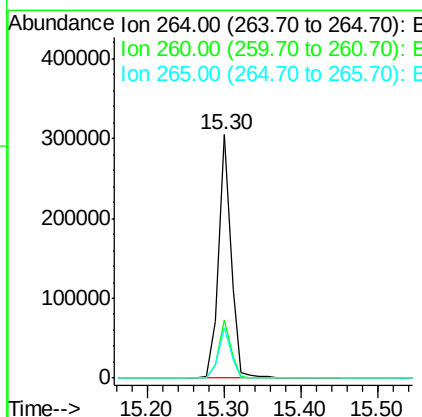
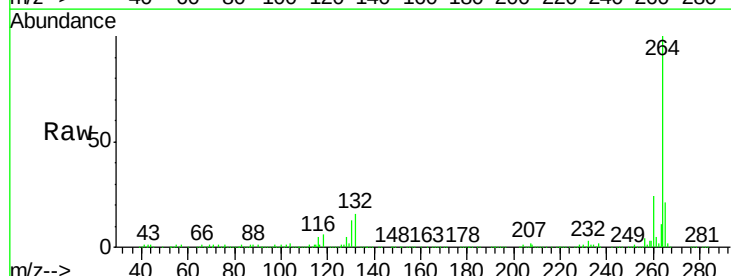
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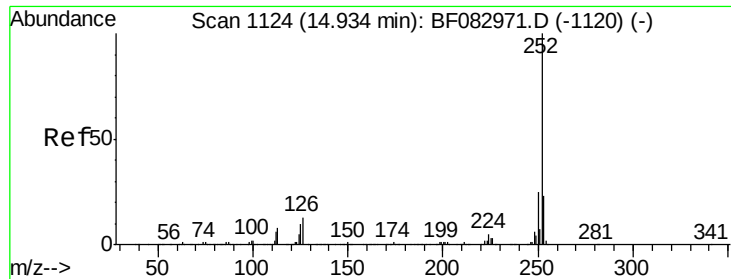
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	346518		
260	23.8	19.8	29.6	
265	20.7	17.4	26.0	





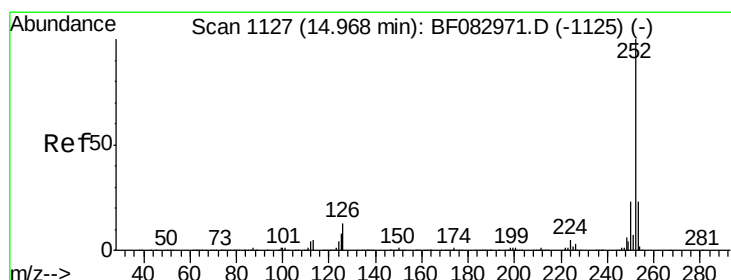
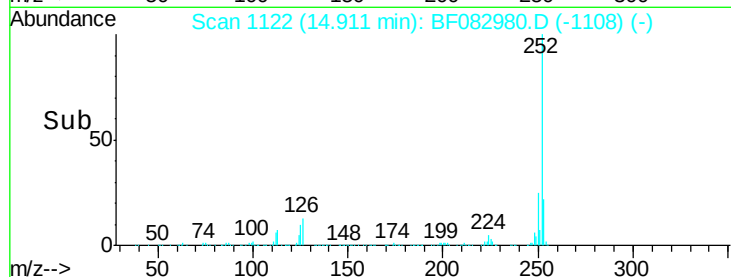
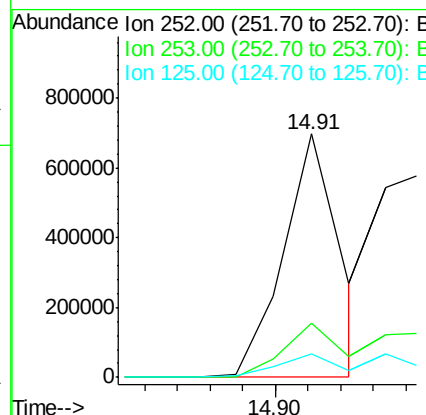
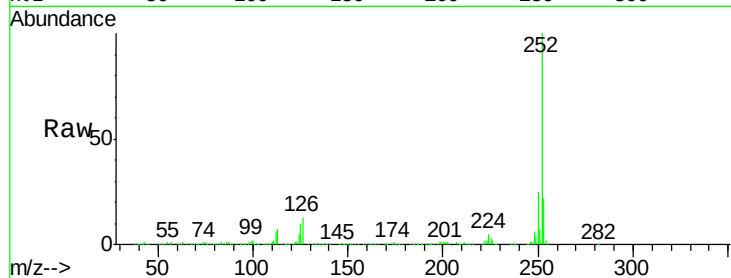
#87
Benzo(b)fluoranthene
Concen: 37.19 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.14 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	9.7	5.4	8.2

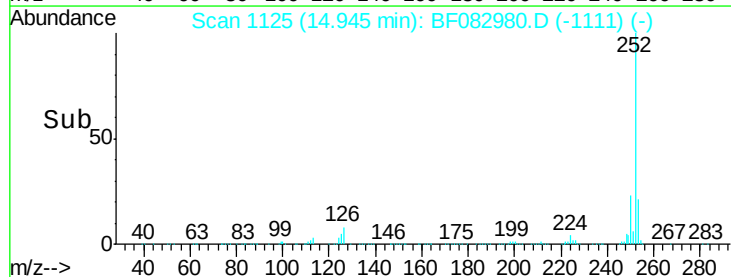
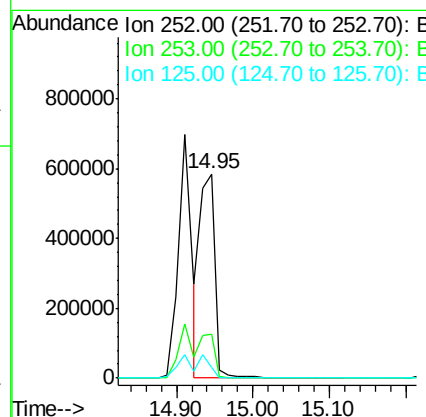
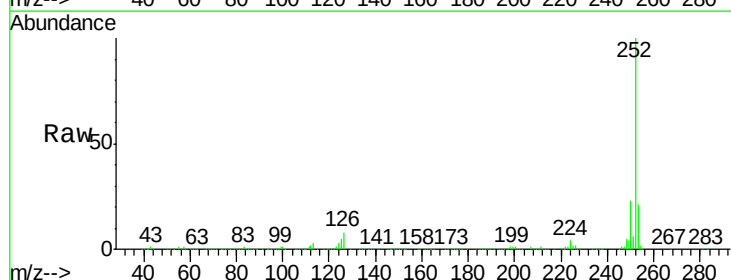
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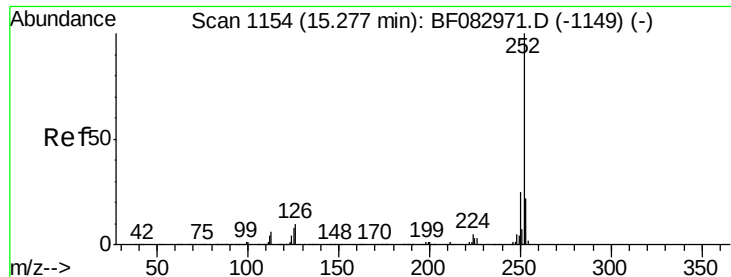
mohammad
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#88
Benzo(k)fluoranthene
Concen: 41.31 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.14 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	5.0	3.5	5.3





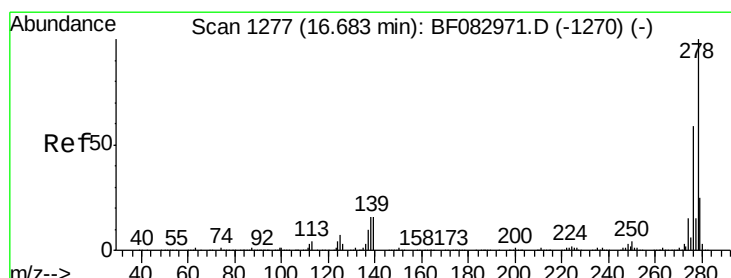
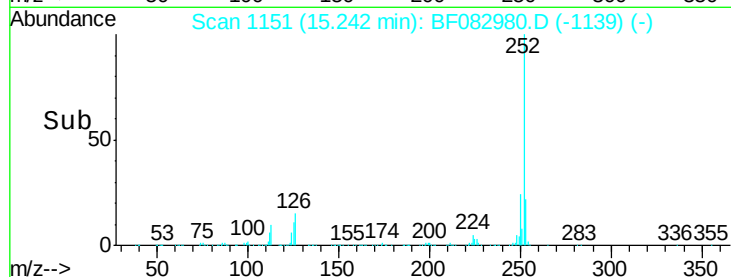
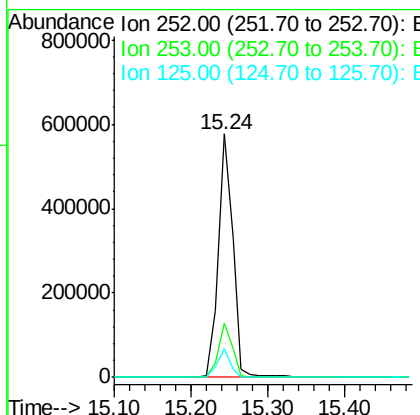
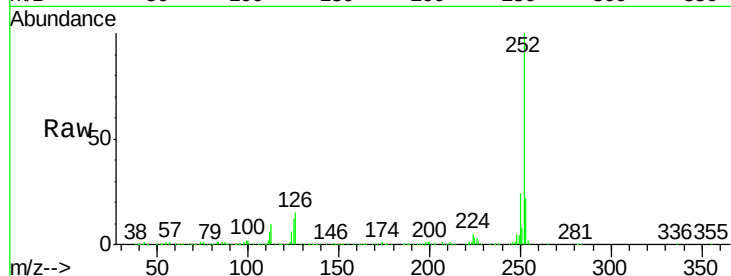
#89
Benzo(a)pyrene
Concen: 39.47 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.16 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :
SB-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	11.5	7.1	10.7

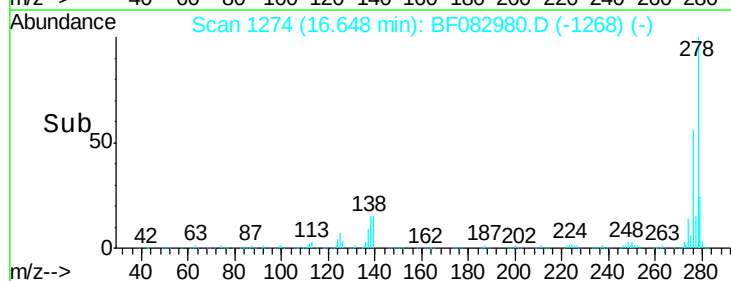
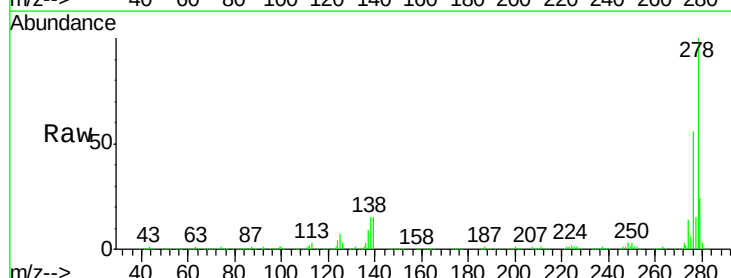
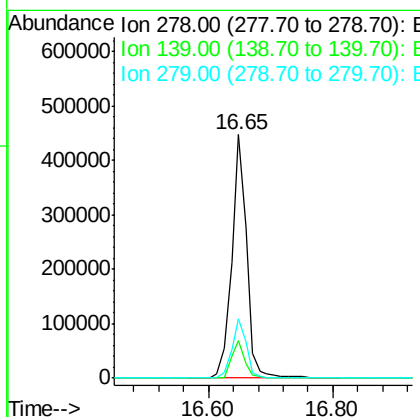
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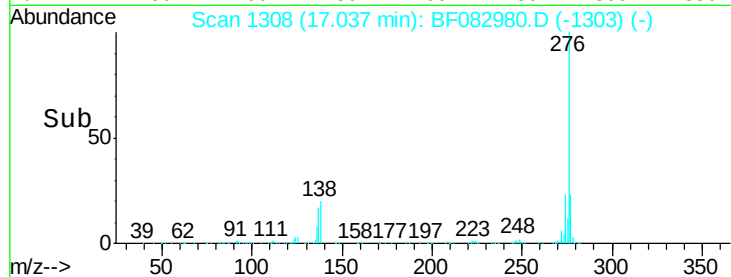
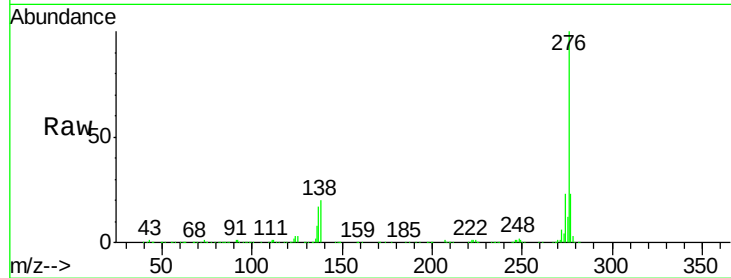
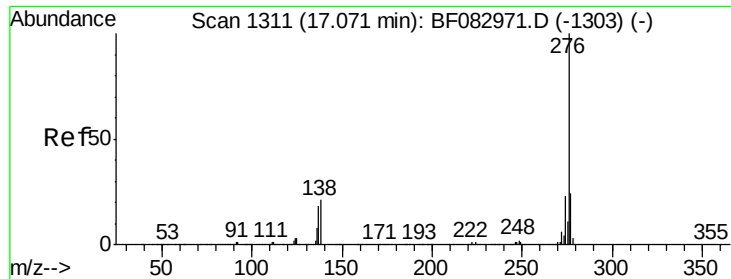
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#90
Dibenzo(a,h)anthracene
Concen: 45.59 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.23 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	9.9	14.9
279	24.1	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 47.29 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.24 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

SB-1MSD

Tgt Ion:	276	Resp:	739185
Ion Ratio		Lower	Upper
276	100		
277	23.4	19.2	28.8
138	19.6	13.1	19.7

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