

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088776.D
 Acq On : 7 Jul 2016 13:15
 Operator : UM/SJ
 Sample : PB91807BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Manual Integrations
 APPROVED

SOHIL
 7/8/2016 7:03:30 AM

Quant Time: Jul 08 04:47:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 01:56:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	157701	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	716437	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	328523	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	646428	20.00	ng	0.01
75) Chrysene-d12	13.90	240	471578	20.00	ng	0.01
86) Perylene-d12	15.28	264	393216	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1208384	114.84	ng	0.03
7) Phenol-d6	6.41	99	1632881	120.10	ng	0.02
23) Nitrobenzene-d5	7.32	82	1087025	79.51	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	431447	141.43	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1825763	87.78	ng	0.01
78) Terphenyl-d14	12.86	244	1794853	84.77	ng	0.01

Target Compounds						Qvalue
3) Pyridine	3.03	79	377596	24.94	ng	93
4) n-Nitrosodimethylamine	3.00	42	194114	33.56	ng	90
6) Aniline	6.42	93	603393	30.45	ng	# 1
8) 2-Chlorophenol	6.54	128	435342	38.49	ng	97
9) Benzaldehyde	6.28	77	288939	31.37	ng	86
10) Phenol	6.42	94	634469	40.89	ng	83
11) bis(2-Chloroethyl)ether	6.49	93	454574	39.28	ng	91
12) 1,3-Dichlorobenzene	6.68	146	432919	34.79	ng	96
13) 1,4-Dichlorobenzene	6.76	146	500688	40.53	ng	98
14) 1,2-Dichlorobenzene	6.91	146	391461	33.86	ng	# 87
15) Benzyl Alcohol	6.90	79	403618	40.33	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	560950	33.47	ng	85
17) 2-Methylphenol	7.02	107	413501	44.82	ng	94
18) Hexachloroethane	7.26	117	185371	38.80	ng	# 86
19) n-Nitroso-di-n-propylamine	7.19	70	379669	41.57	ng	88
20) 3+4-Methylphenols	7.18	107	470637	42.50	ng	97
22) Acetophenone	7.16	105	701555	40.35	ng	# 89
24) Nitrobenzene	7.34	77	483825	35.10	ng	# 84
25) Isophorone	7.59	82	1056380	41.71	ng	97
26) 2-Nitrophenol	7.66	139	274464	48.56	ng	# 76
27) 2,4-Dimethylphenol	7.70	122	493408	41.91	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	624616	37.90	ng	# 96
29) 2,4-Dichlorophenol	7.90	162	401889	42.24	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	414934	39.74	ng	99
31) Naphthalene	8.06	128	1436045	40.66	ng	99
32) Benzoic acid	7.87	122	318787	37.30	ng	91
33) 4-Chloroaniline	8.10	127	471287	29.99	ng	97
34) Hexachlorobutadiene	8.17	225	218126	39.02	ng	99
35) Caprolactam	8.51	113	156129m	48.32	ng	
36) 4-Chloro-3-methylphenol	8.60	107	533031	47.38	ng	94
37) 2-Methylnaphthalene	8.74	142	870337	38.27	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	355591	32.54	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	409895	76.43	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	304536	42.27	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	288831	46.60	ng	# 92
45) 1,1'-Biphenyl	9.21	154	1008285	37.06	ng	98
46) 2-Chloronaphthalene	9.23	162	762106	35.69	ng	96
47) 2-Nitroaniline	9.34	65	323358	42.66	ng	94
48) Acenaphthylene	9.64	152	1325200	39.00	ng	100
49) Dimethylphthalate	9.53	163	970131	41.45	ng	100
50) 2,6-Dinitrotoluene	9.59	165	285305	55.00	ng	# 82
51) Acenaphthene	9.83	154	859470m	41.26	ng	
52) 3-Nitroaniline	9.75	138	177602	26.93	ng	91
53) 2,4-Dinitrophenol	9.86	184	259929	113.49	ng	92
54) Dibenzofuran	10.00	168	1262147	46.29	ng	# 89
55) 4-Nitrophenol	9.93	139	361011	72.04	ng	92
56) 2,4-Dinitrotoluene	9.99	165	259884	38.32	ng	# 38
57) Fluorene	10.34	166	893448	42.53	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	230045	47.97	ng	# 46
59) Diethylphthalate	10.23	149	994356	42.33	ng	99
60) 4-Chlorophenyl-phenylether	10.33	204	414995	42.51	ng	97
61) 4-Nitroaniline	10.38	138	264826	41.73	ng	81
62) Azobenzene	10.49	77	1230242	45.92	ng	98
64) 4,6-Dinitro-2-methylphenol	10.40	198	154279	44.62	ng	98
65) n-Nitrosodiphenylamine	10.46	169	856262	39.14	ng	98
66) 4-Bromophenyl-phenylether	10.82	248	293085	44.99	ng	# 92
67) Hexachlorobenzene	10.88	284	269344	37.35	ng	98
68) Atrazine	10.99	200	310641	45.57	ng	97
69) Pentachlorophenol	11.07	266	334042	78.27	ng	98
70) Phenanthrene	11.29	178	1258805	35.62	ng	99
71) Anthracene	11.35	178	1519750	43.25	ng	99
72) Carbazole	11.50	167	1163359	35.18	ng	98
73) Di-n-butylphthalate	11.84	149	1744548	45.35	ng	99
74) Fluoranthene	12.47	202	1245204	34.76	ng	99
76) Benzidine	12.59	184	856737	35.94	ng	98
77) Pyrene	12.70	202	1267516	31.70	ng	99
79) Butylbenzylphthalate	13.33	149	701722	39.34	ng	# 81
80) Benzo(a)anthracene	13.89	228	1139168	37.52	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	276574	24.23	ng	# 96
82) Chrysene	13.92	228	1124191	37.42	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	766505	37.64	ng	# 99
84) Di-n-octyl phthalate	14.50	149	1612321	46.61	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.59	276	904413	39.13	ng	# 100
87) Benzo(b)fluoranthene	14.89	252	1106827m	44.87	ng	
88) Benzo(k)fluoranthene	14.93	252	1028184m	47.88	ng	
89) Benzo(a)pyrene	15.22	252	902754	43.23	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	732479	42.00	ng	98
91) Benzo(g,h,i)perylene	16.99	276	748263	41.46	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

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Acq: 7 Jul 2016 13:15

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PB91807BS

Tgt Ion: 152 Resp: 157701
Ion Ratio Lower Upper

152 100

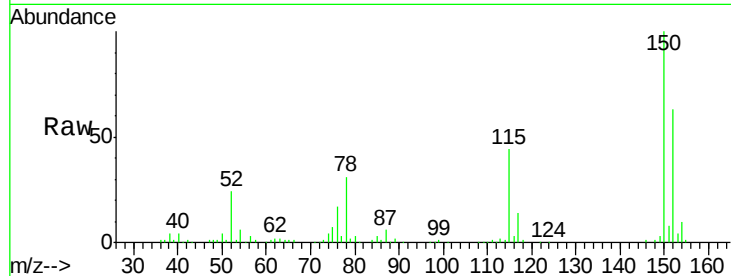
150 159.2 123.8 185.6

115 70.8 39.6 59.4#

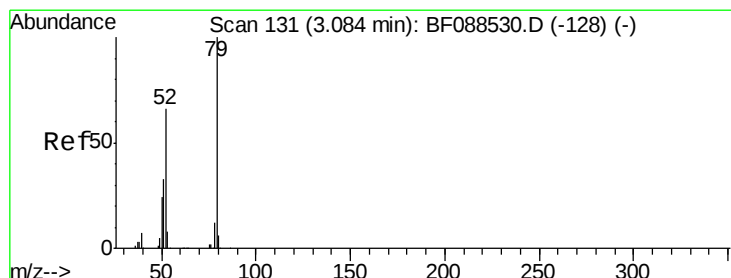
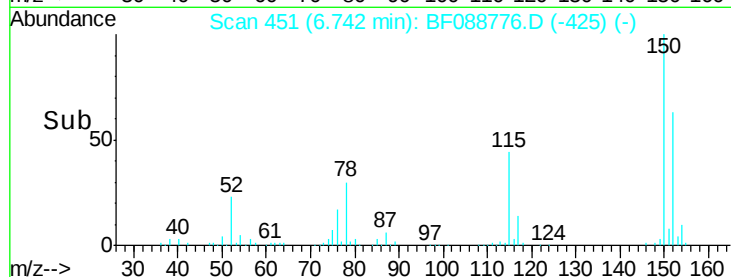
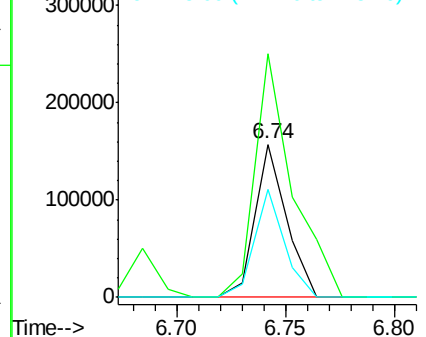
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 24.94 ng

RT: 3.03 min Scan# 126

Delta R.T. 0.08 min

Lab File: BF088776.D

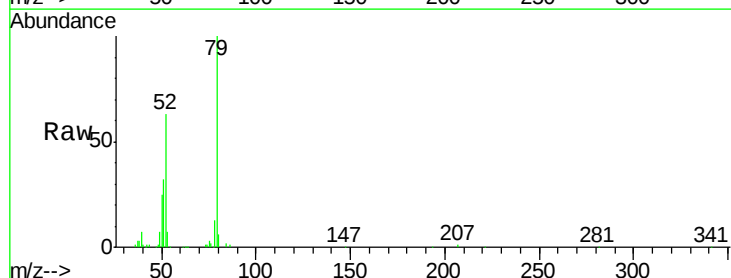
Acq: 7 Jul 2016 13:15

Tgt Ion: 79 Resp: 377596
Ion Ratio Lower Upper

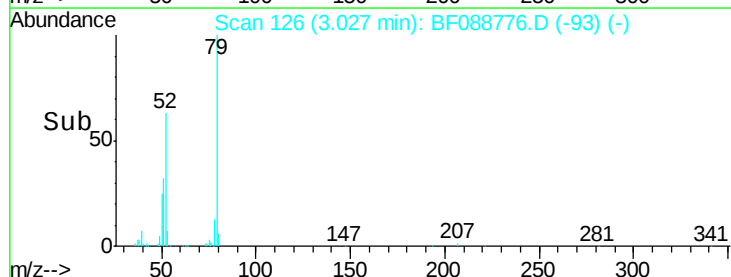
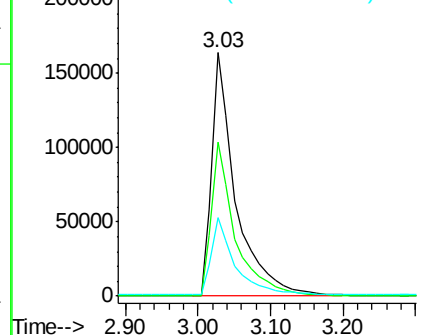
79 100

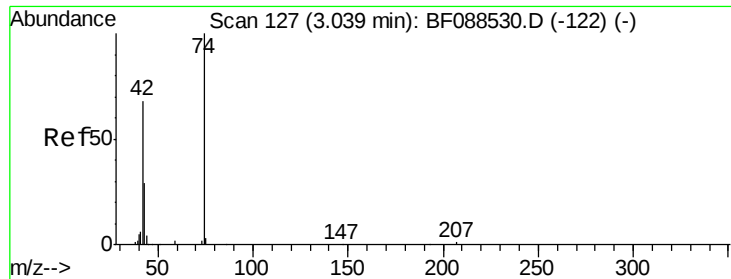
52 63.4 56.3 84.5

51 32.2 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 33.56 ng

RT: 3.00 min Scan# 124

Delta R.T. 0.09 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

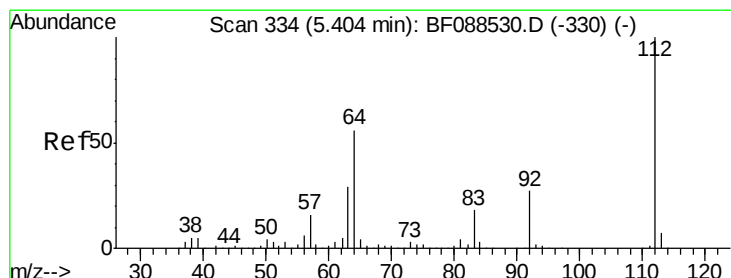
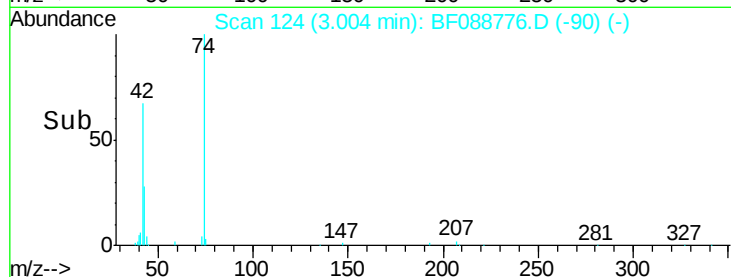
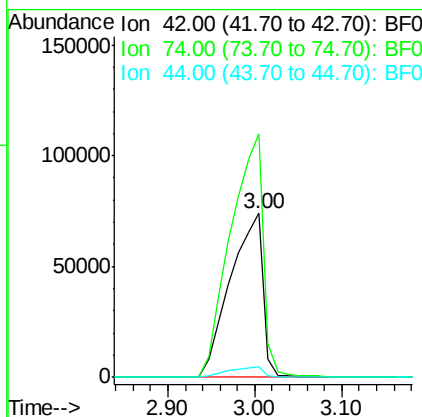
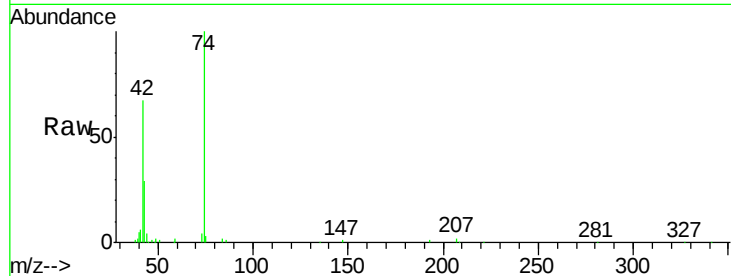
ClientSampled :

PB91807BS

Tgt Ion:	42	Resp:	194114
Ion	Ratio	Lower	Upper
42	100		
74	148.5	108.6	163.0
44	6.2	5.5	8.3

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#5

2-Fluorophenol

Concen: 114.84 ng

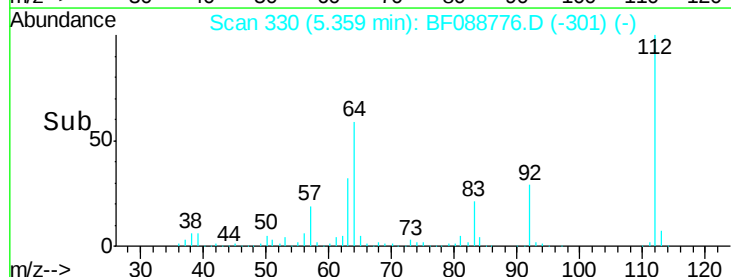
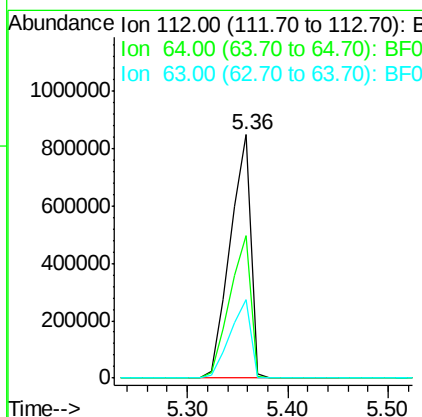
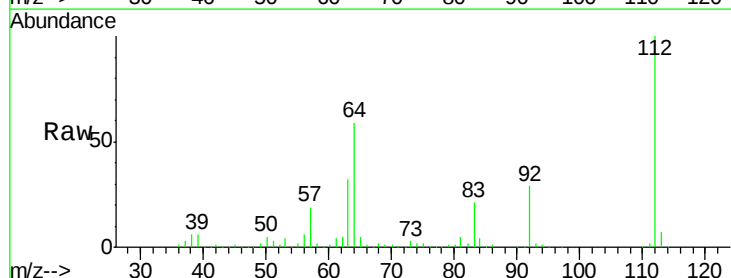
RT: 5.36 min Scan# 330

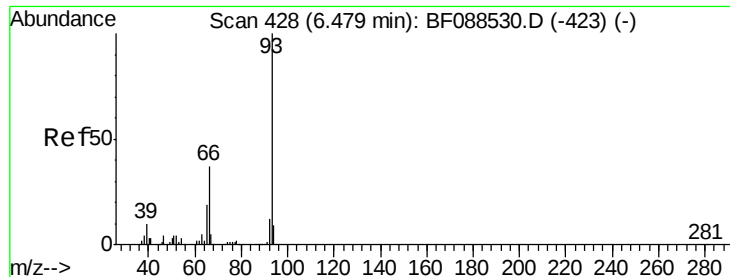
Delta R.T. 0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:	112	Resp:	1208384
Ion	Ratio	Lower	Upper
112	100		
64	58.6	42.2	63.2
63	32.0	21.8	32.8





#6

Aniline

Concen: 30.45 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion: 93 Resp: 603393

Ion Ratio Lower Upper

93 100

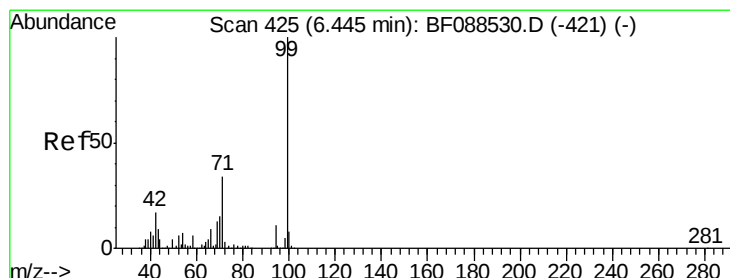
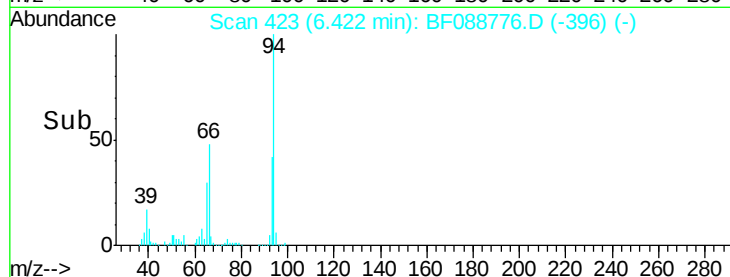
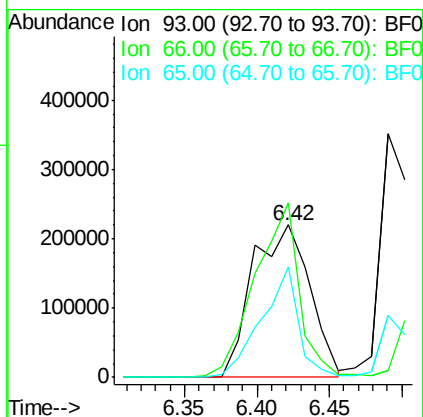
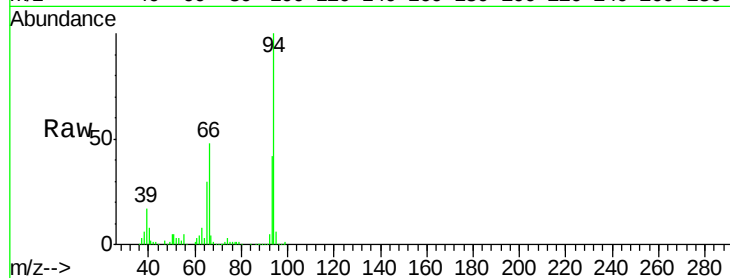
66 114.8 29.8 44.8#

65 72.5 14.9 22.3#

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#7

Phenol-d6

Concen: 120.10 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

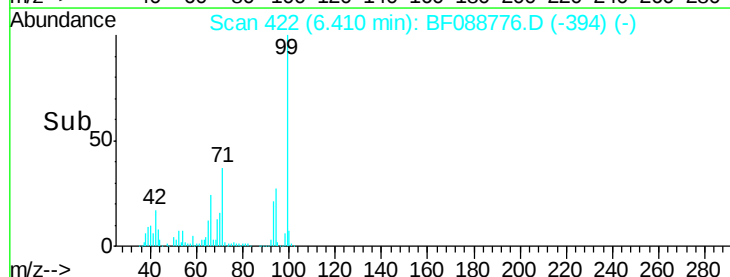
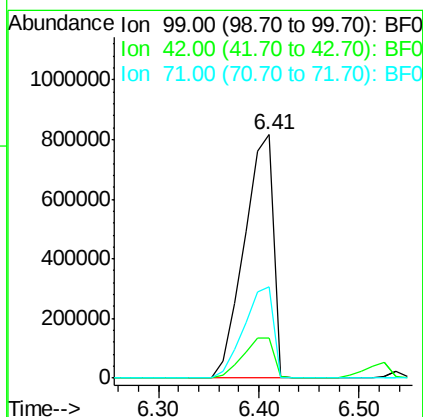
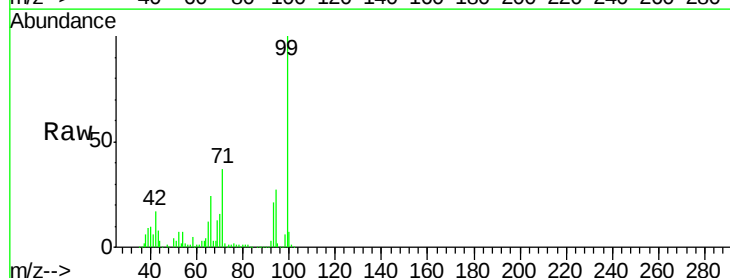
Tgt Ion: 99 Resp: 1632881

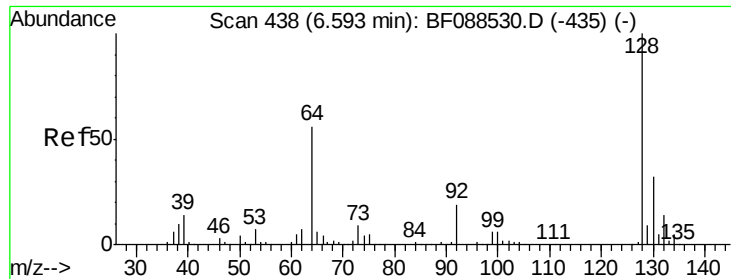
Ion Ratio Lower Upper

99 100

42 16.6 12.2 18.2

71 37.5 23.4 35.0#





#8

2-Chlorophenol

Concen: 38.49 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

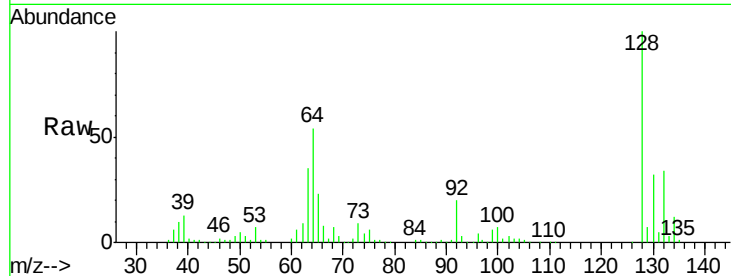
ClientSampleId :

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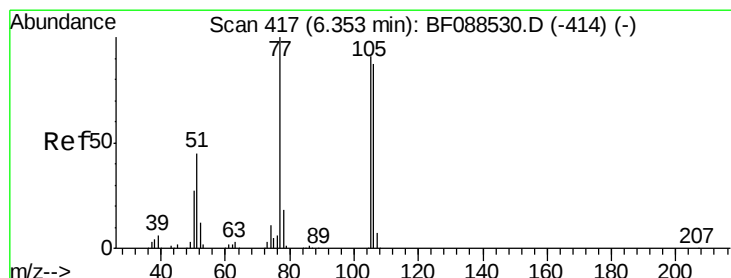
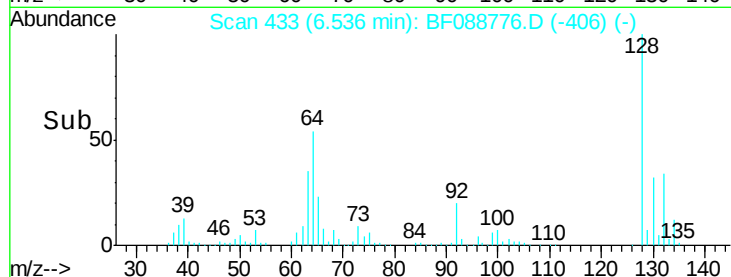
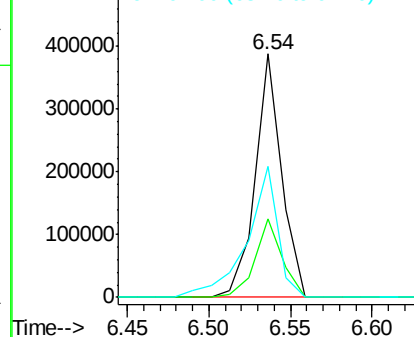
Tgt Ion:	128	Resp:	435342
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.0	52.0
64	53.8	30.8	70.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 31.37 ng

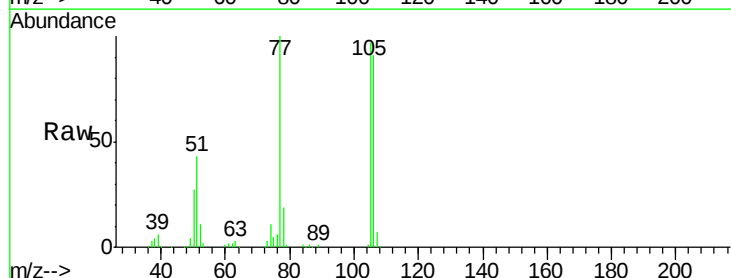
RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

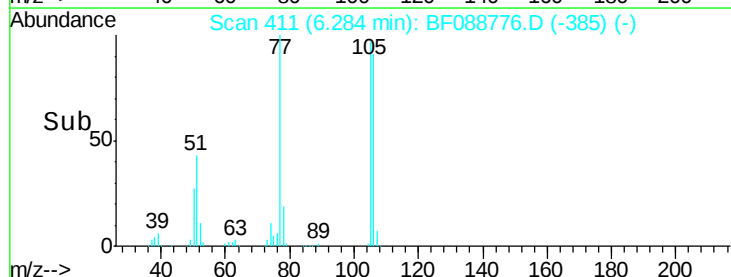
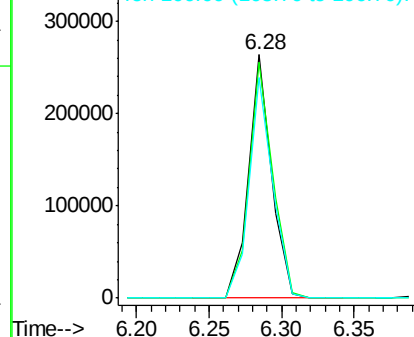
Lab File: BF088776.D

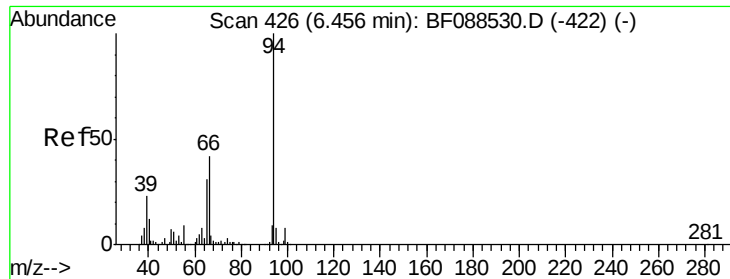
Acq: 7 Jul 2016 13:15

Tgt Ion:	77	Resp:	288939
Ion Ratio	Lower	Upper	
77	100		
105	96.8	90.6	130.6
106	90.5	85.3	125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 40.89 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

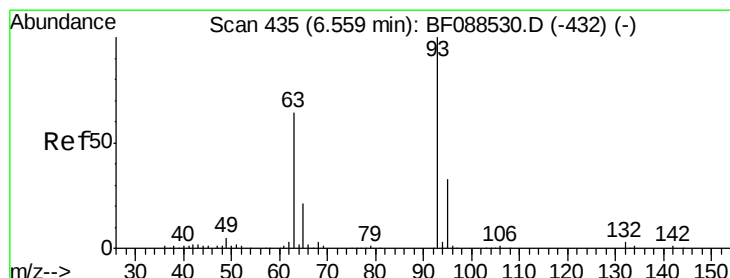
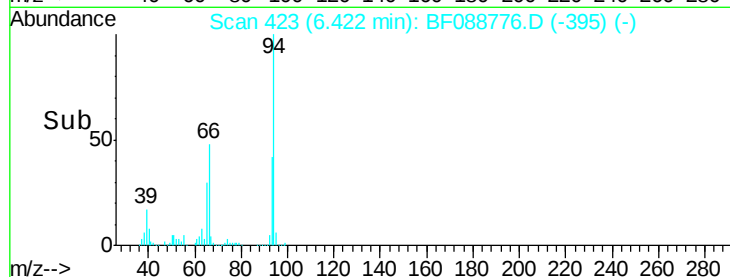
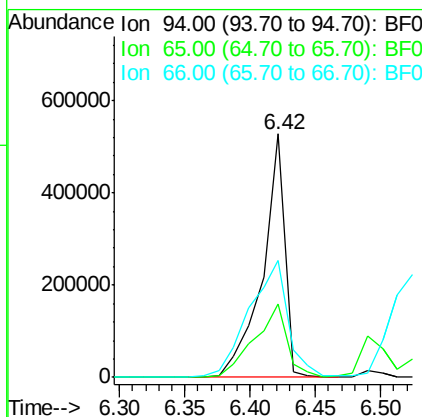
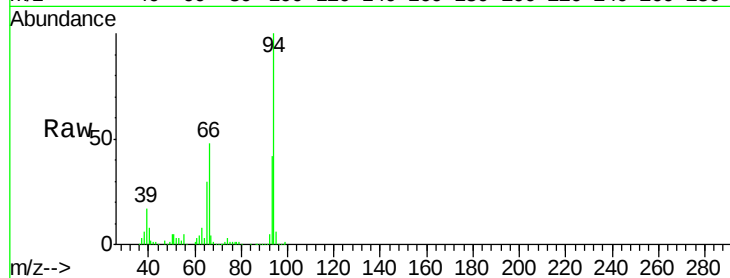
ClientSampleId :

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Tgt Ion:	94	Resp:	634469
Ion	Ratio	Lower	Upper
94	100		
65	30.2	5.9	45.9
66	47.9	14.0	54.0

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 39.28 ng

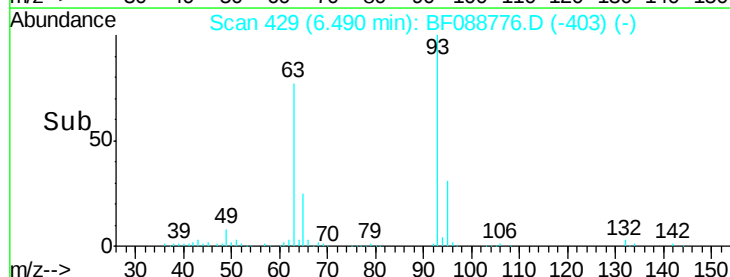
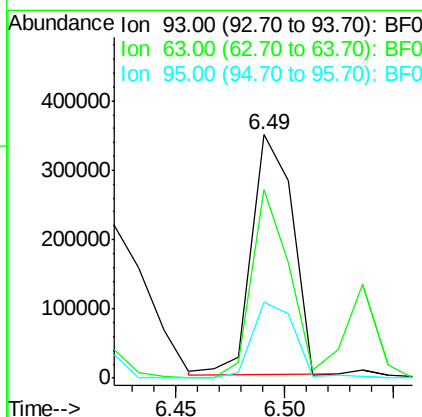
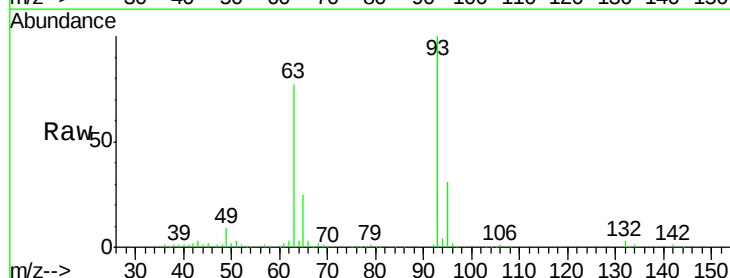
RT: 6.49 min Scan# 429

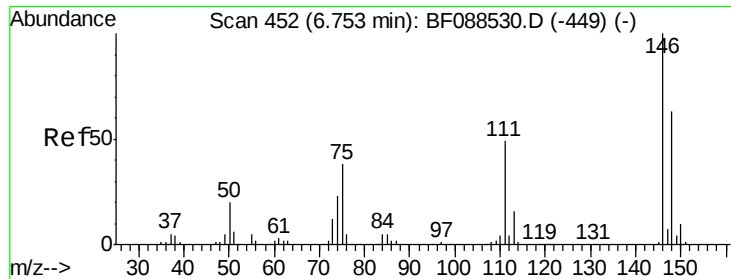
Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:	93	Resp:	454574
Ion	Ratio	Lower	Upper
93	100		
63	77.4	67.6	107.6
95	31.4	12.5	52.5





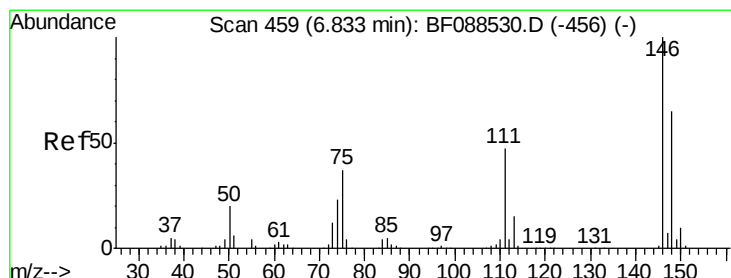
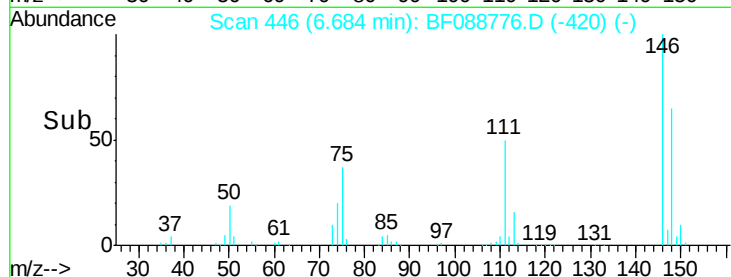
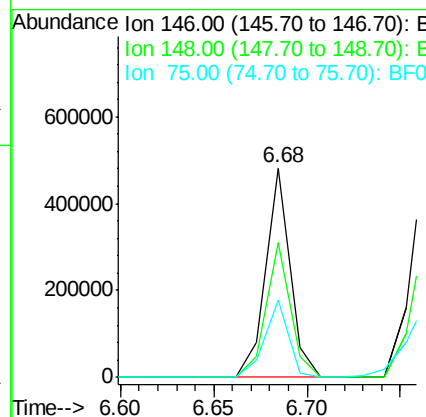
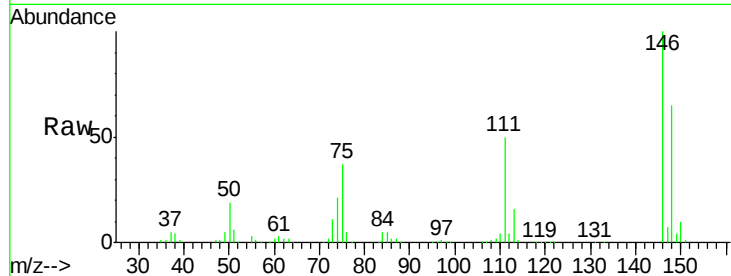
#12
 1,3-Dichlorobenzene
 Concen: 34.79 ng
 RT: 6.68 min Scan# 446
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
75	36.8	25.6	38.4

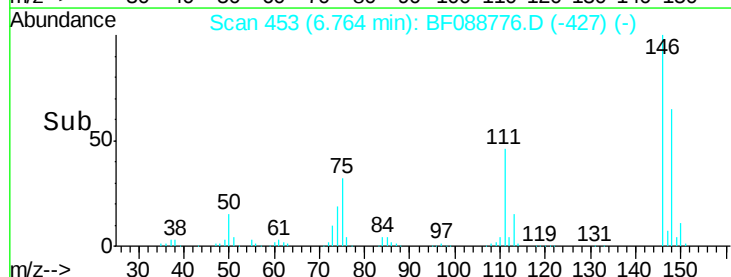
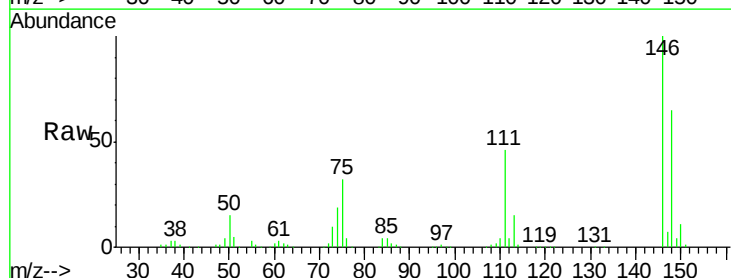
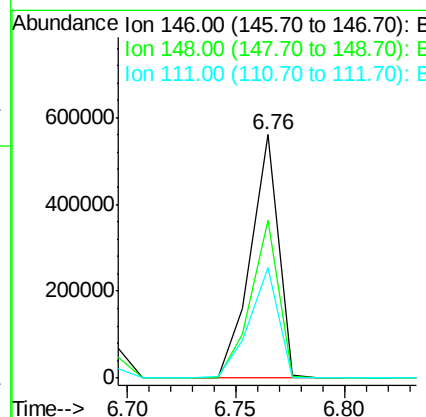
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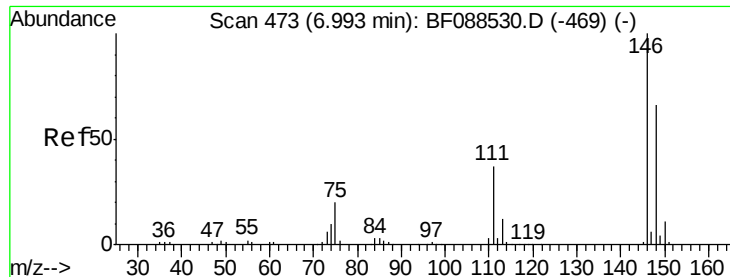
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#13
 1,4-Dichlorobenzene
 Concen: 40.53 ng
 RT: 6.76 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.0	78.0
111	45.6	33.8	50.8





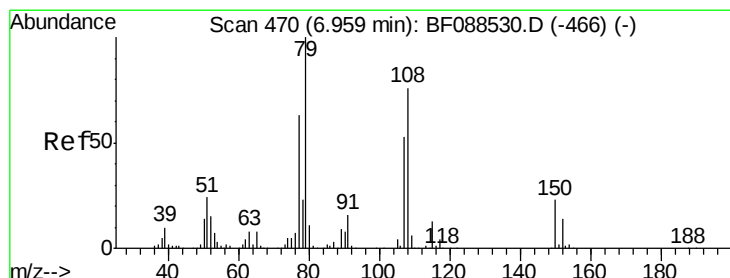
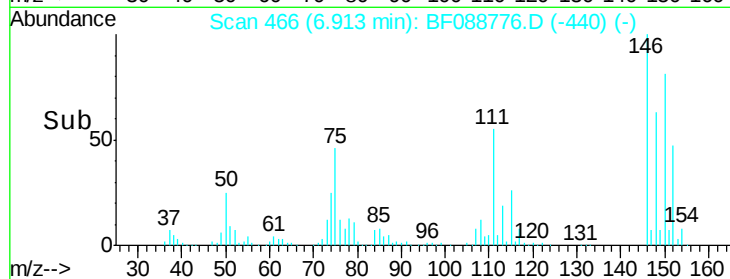
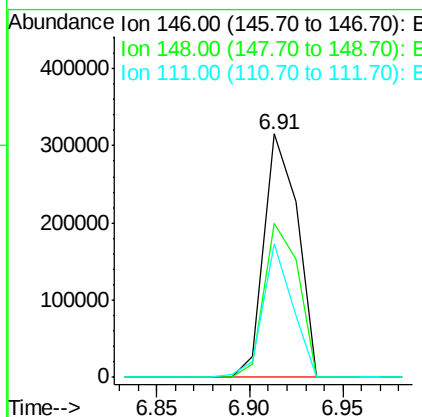
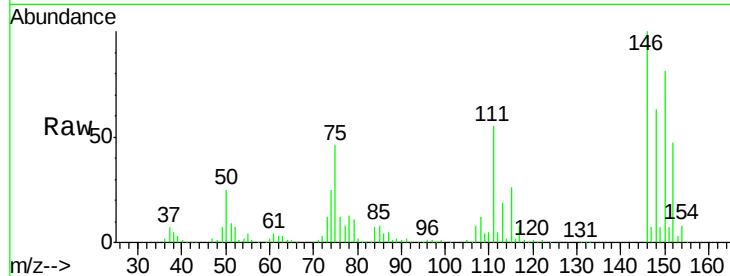
#14
1,2-Dichlorobenzene
Concen: 33.86 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.3	78.5
111	54.7	28.7	43.1

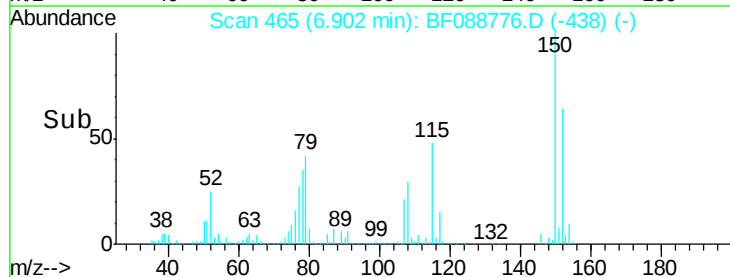
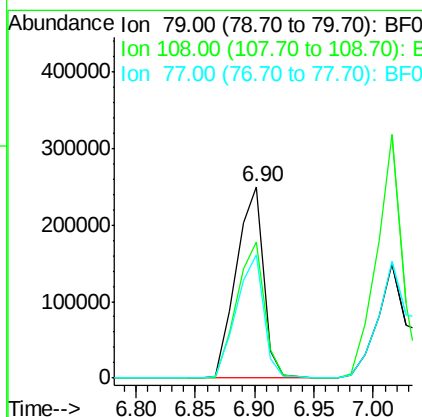
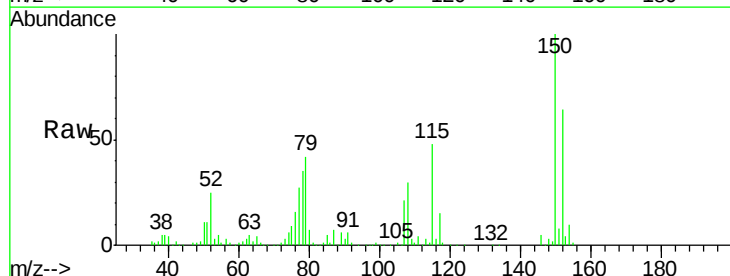
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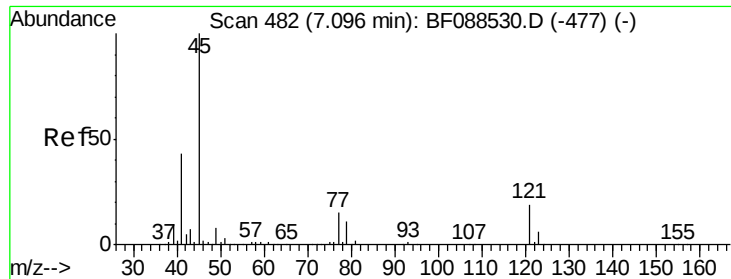
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#15
Benzyl Alcohol
Concen: 40.33 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.3	65.0	97.6
77	64.4	50.3	75.5





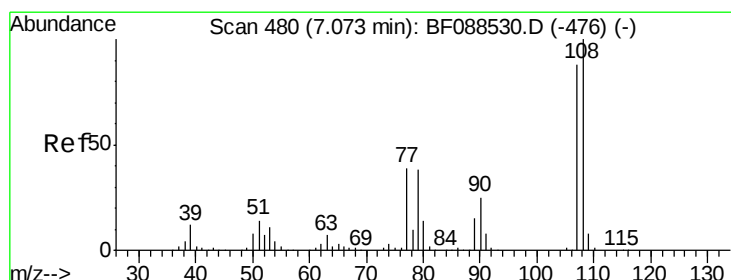
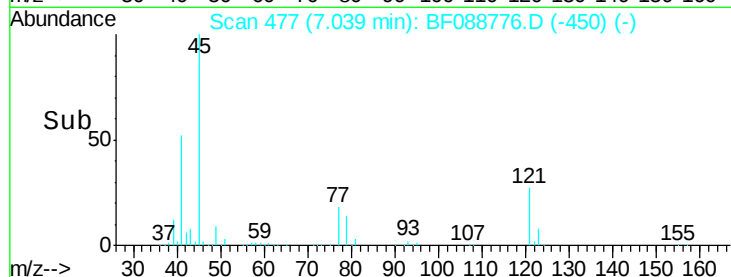
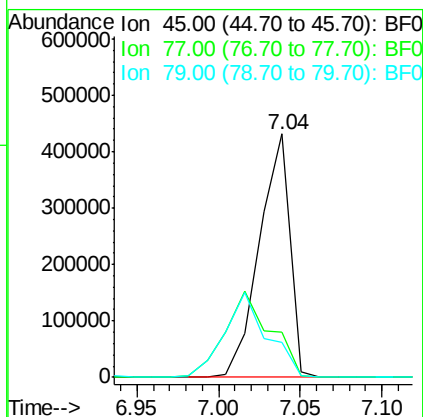
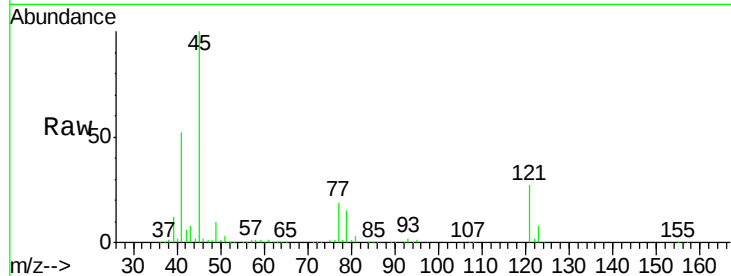
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.47 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	560950		
77	18.7	0.0	32.5	
79	14.6	0.0	29.5	

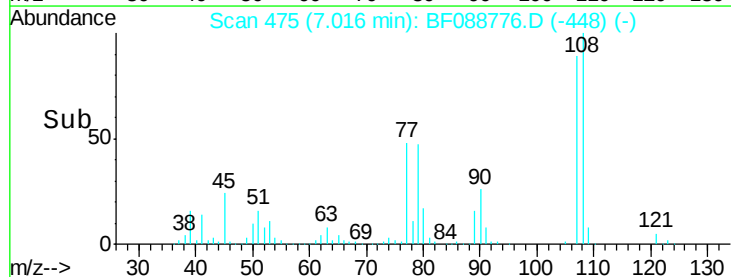
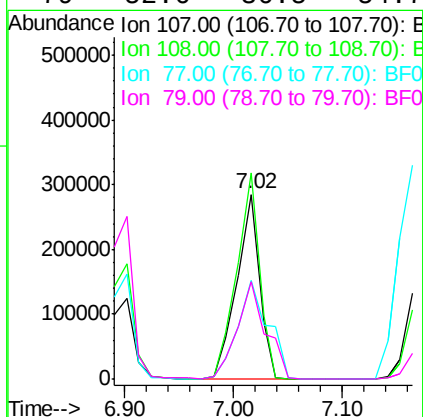
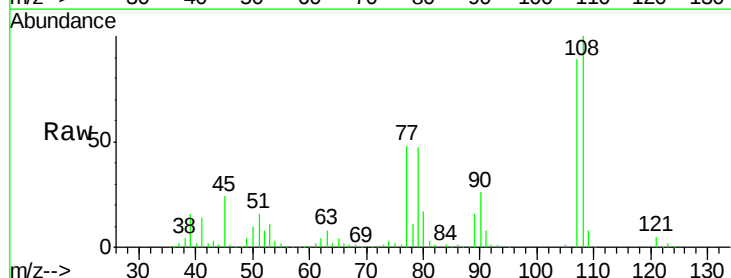
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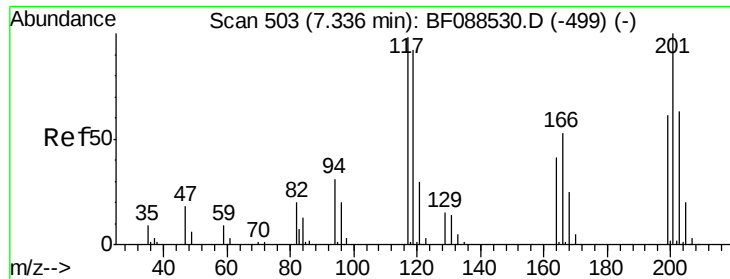
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#17
2-Methylphenol
Concen: 44.82 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	413501		
108	111.8	90.9	136.3	
77	53.4	36.6	55.0	
79	52.6	36.5	54.7	





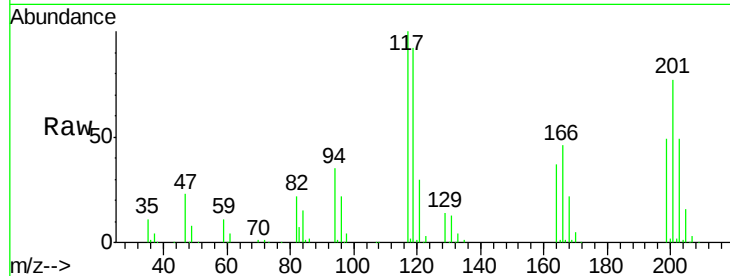
#18
Hexachloroethane
Concen: 38.80 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

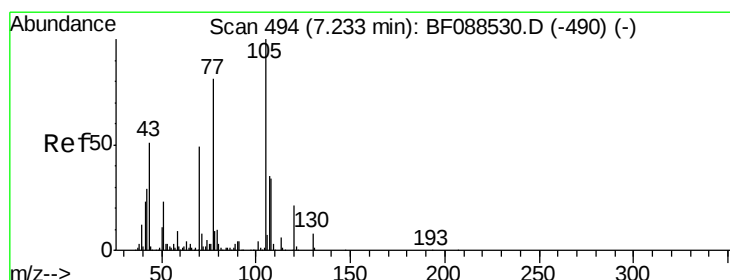
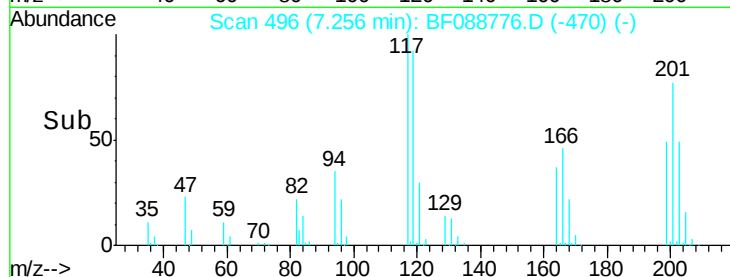
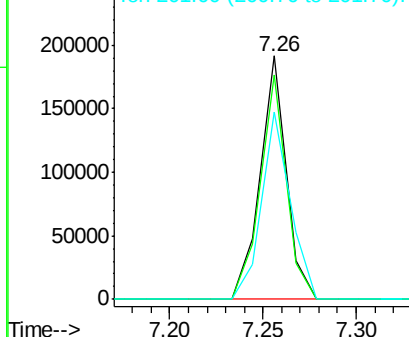
Tgt Ion: 117 Resp: 185371
Ion Ratio Lower Upper
117 100
119 92.0 77.4 116.2
201 76.9 80.4 120.6#

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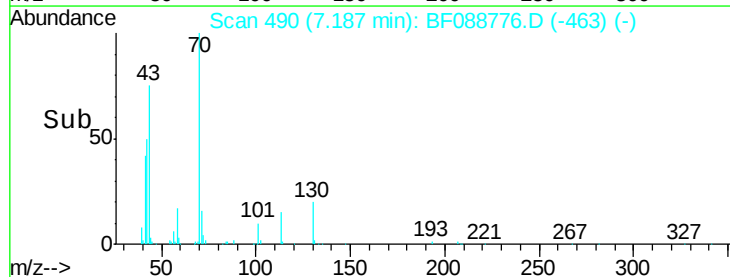
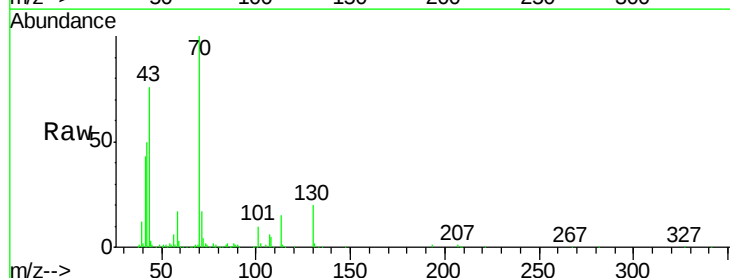
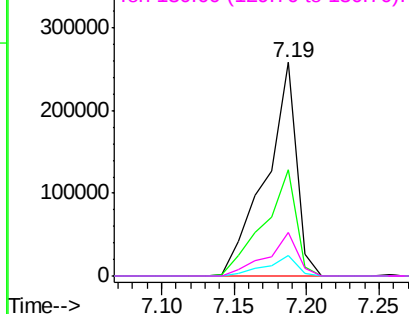
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

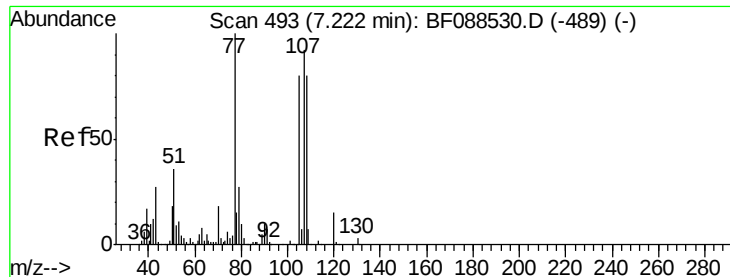


#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion: 70 Resp: 379669
Ion Ratio Lower Upper
70 100
42 49.9 49.6 74.4
101 9.7 7.1 10.7
130 20.4 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 42.50 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

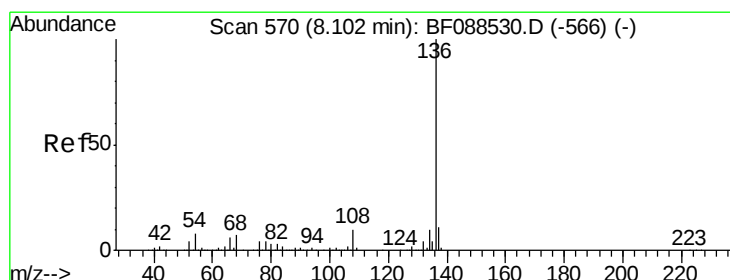
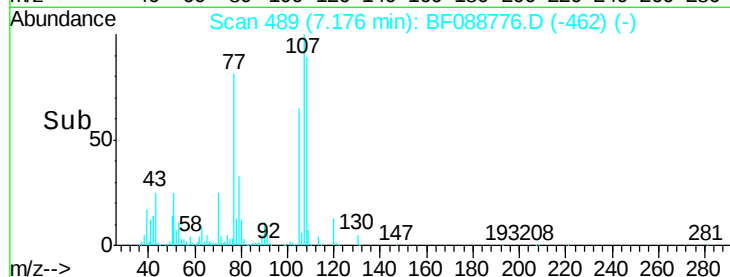
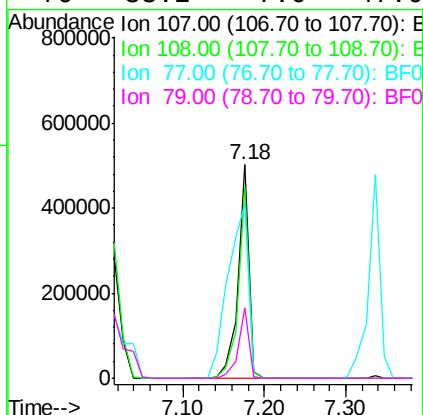
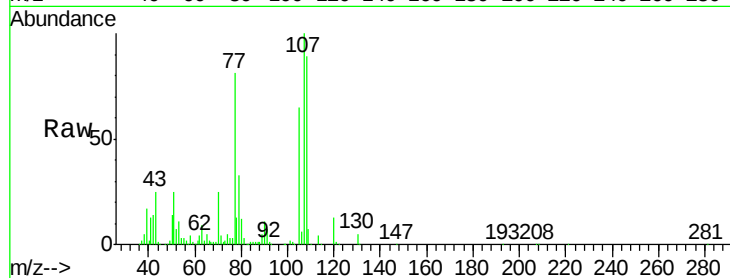
ClientSampleId :

PB91807BS

Tgt Ion:	107	Resp:	470637
Ion Ratio	Lower	Upper	
107	100		
108	89.1	67.8	107.8
77	81.3	59.3	99.3
79	33.2	7.0	47.0

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#21

Naphthalene-d8

Concen: 20.00 ng

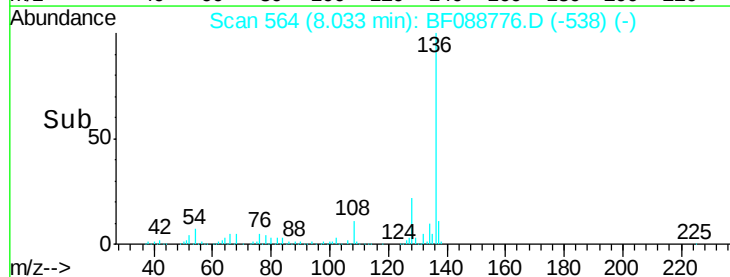
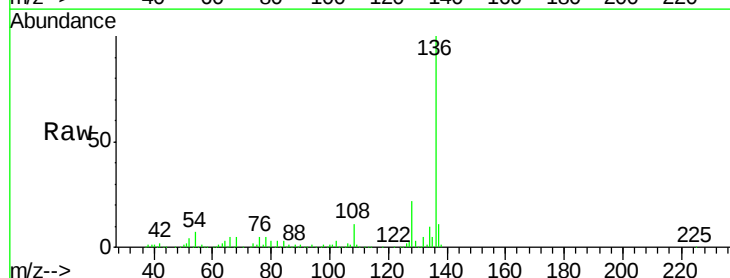
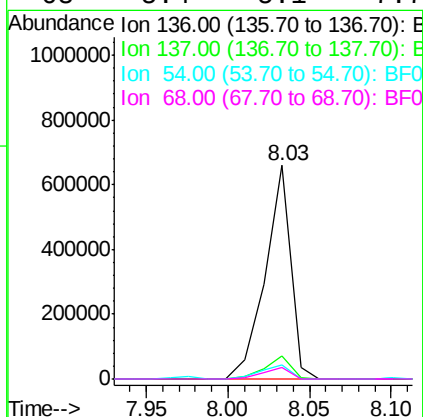
RT: 8.03 min Scan# 564

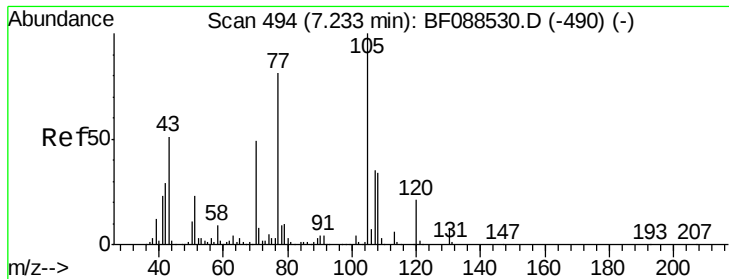
Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:	136	Resp:	716437
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.7	6.6	10.0
68	5.4	5.1	7.7





#22

Acetophenone

Concen: 40.35 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

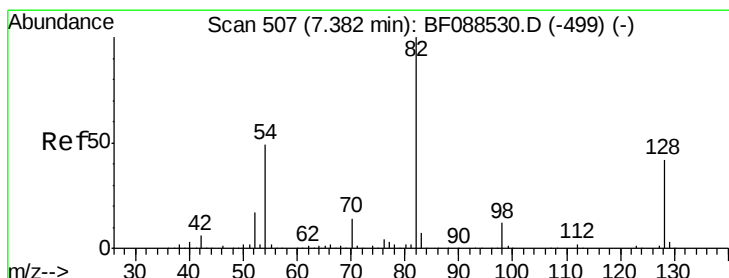
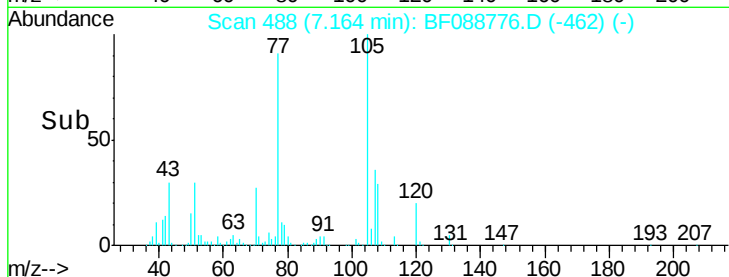
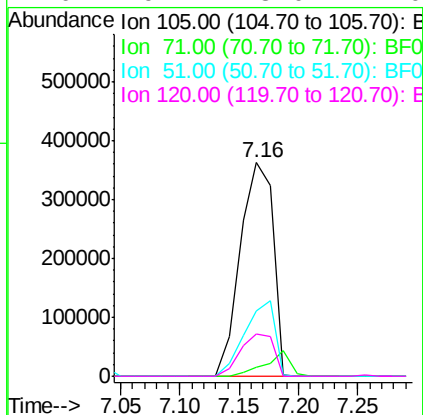
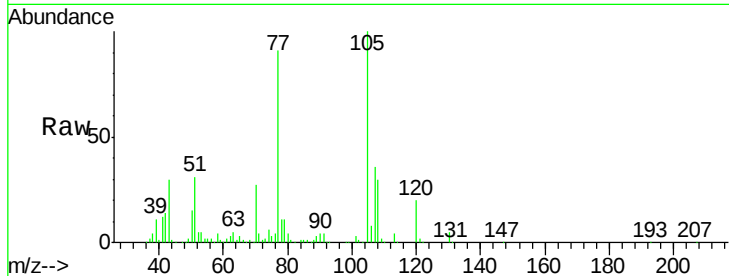
ClientSampleId :

PB91807BS

Tgt	Ion	105	Resp:	701555
Ion	Ratio	Lower	Upper	
105	100			
71	4.3	5.3	7.9#	
51	30.7	18.2	27.4#	
120	19.7	18.0	27.0	

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#23

Nitrobenzene-d5

Concen: 79.51 ng

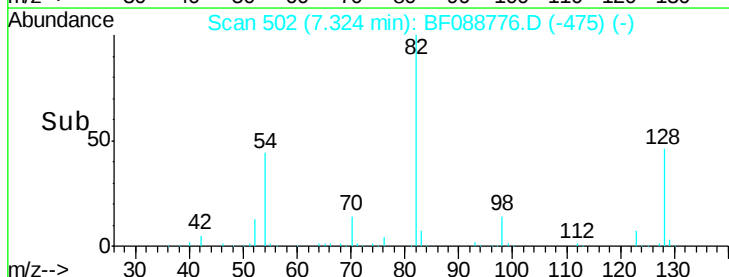
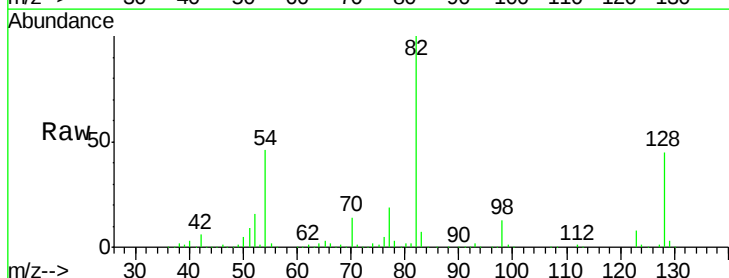
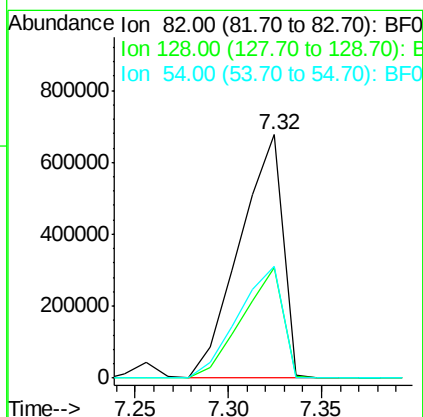
RT: 7.32 min Scan# 502

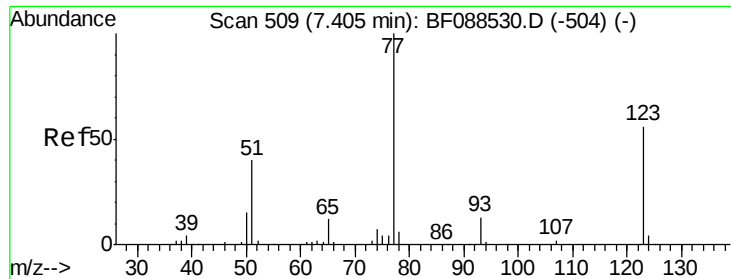
Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt	Ion	82	Resp:	1087025
Ion	Ratio	Lower	Upper	
82	100			
128	45.4	35.9	53.9	
54	45.9	40.9	61.3	





#24

Nitrobenzene

Concen: 35.10 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion: 77 Resp: 483825
Ion Ratio Lower Upper

77 100

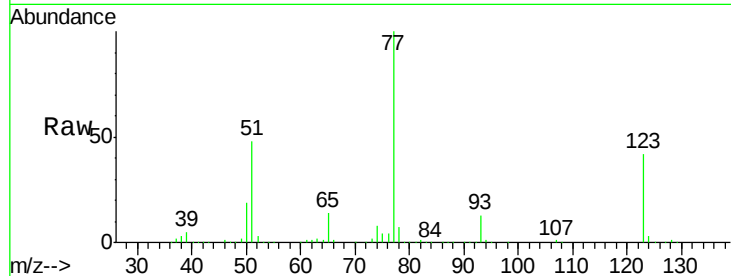
123 42.1 45.0 67.4#

65 13.7 10.2 15.2

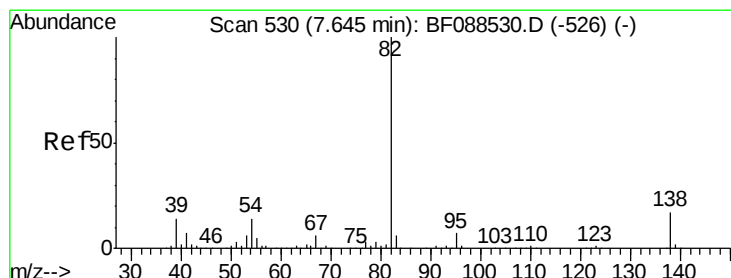
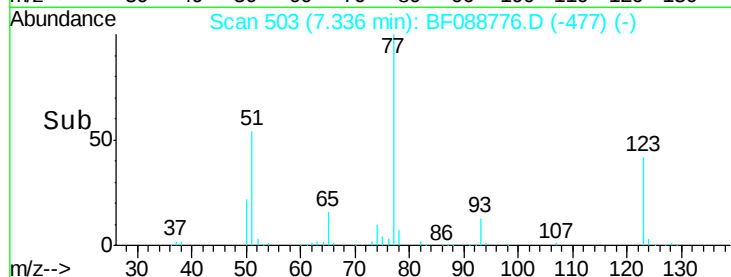
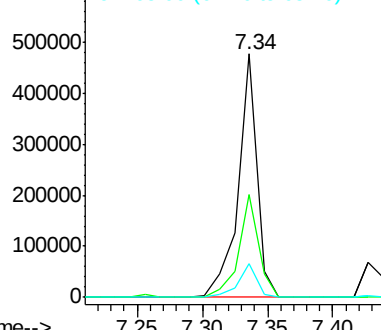
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 41.71 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF088776.D

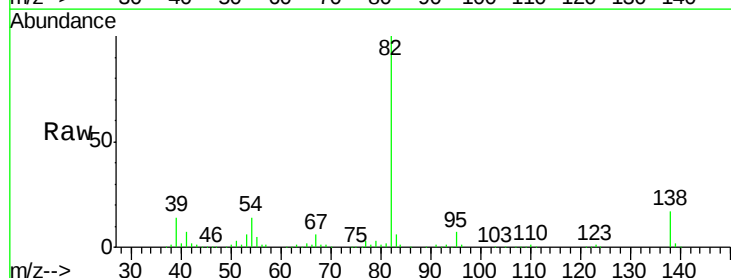
Acq: 7 Jul 2016 13:15

Tgt Ion: 82 Resp: 1056380
Ion Ratio Lower Upper

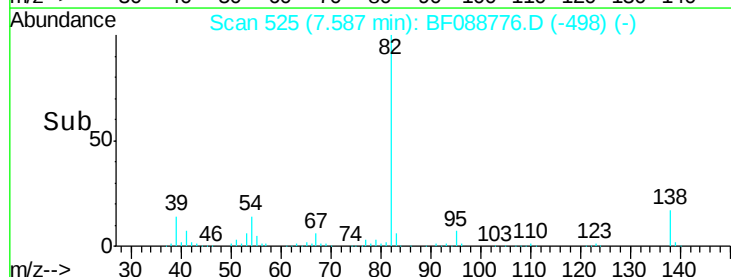
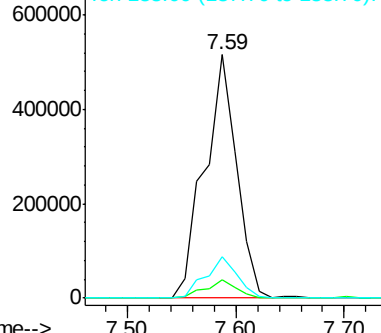
82 100

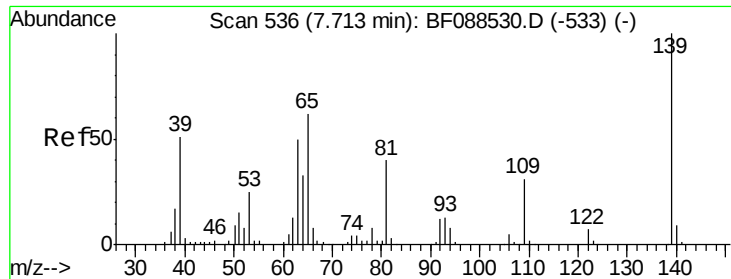
95 7.3 5.4 8.2

138 16.8 14.6 21.8



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





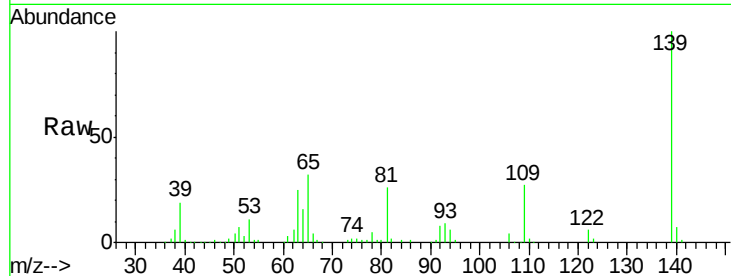
#26
2-Nitrophenol
Concen: 48.56 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

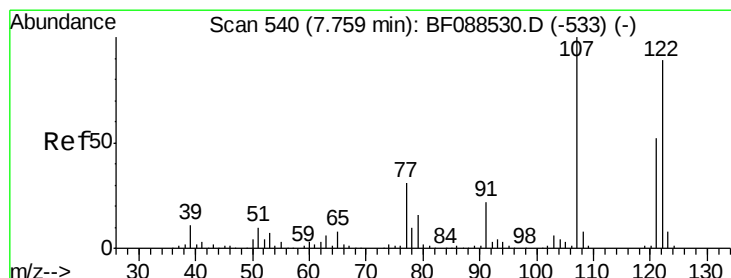
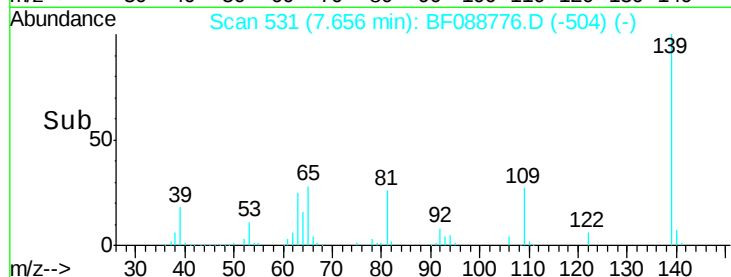
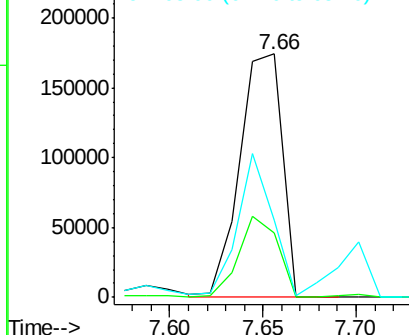
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	274464		
109	26.6	23.0	34.4	
65	31.7	45.8	68.8	

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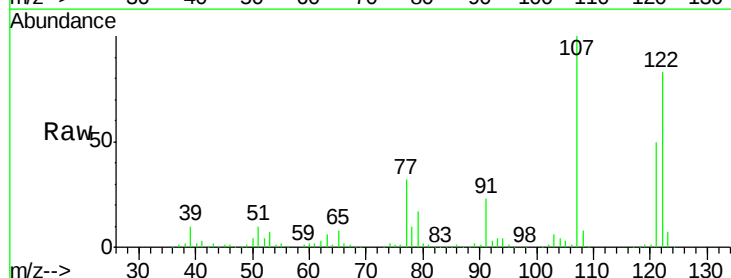


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

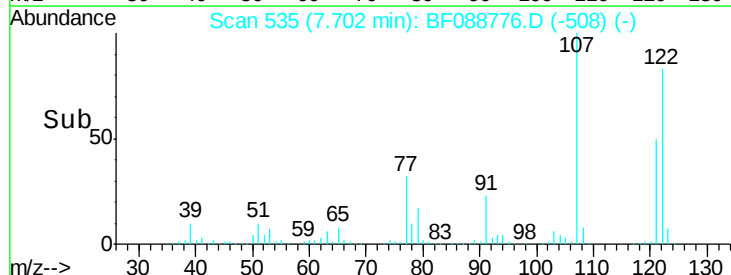
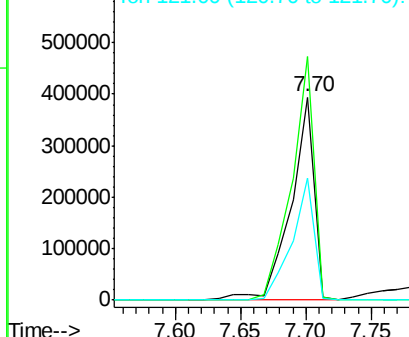


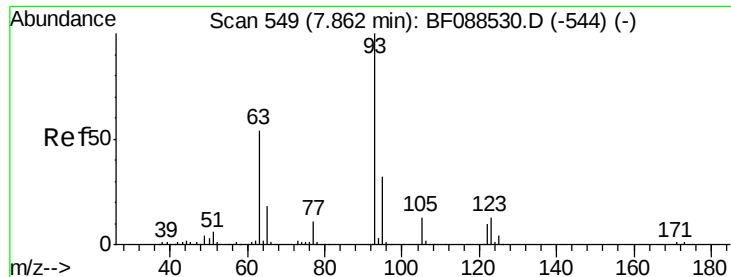
#27
2,4-Dimethylphenol
Concen: 41.91 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	493408		
107	120.2	82.4	123.6	
121	60.4	46.3	69.5	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





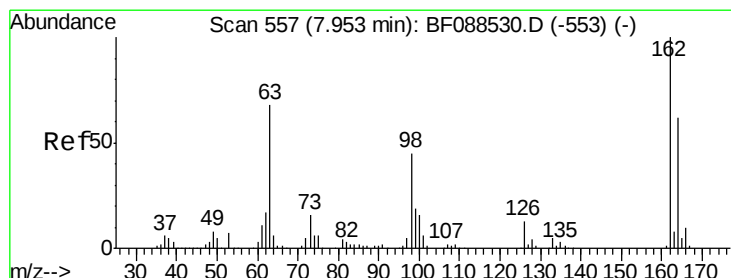
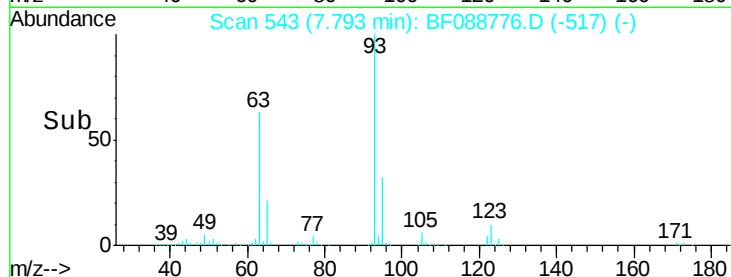
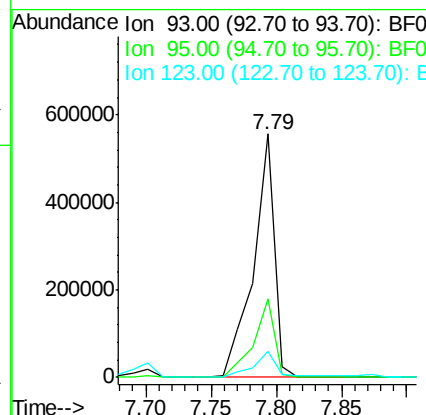
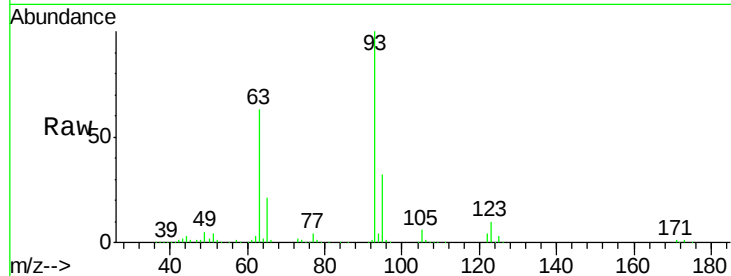
#28
bis(2-Chloroethoxy)methane
Concen: 37.90 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	624616		
95	32.1	26.5	39.7	
123	10.5	11.6	17.4	

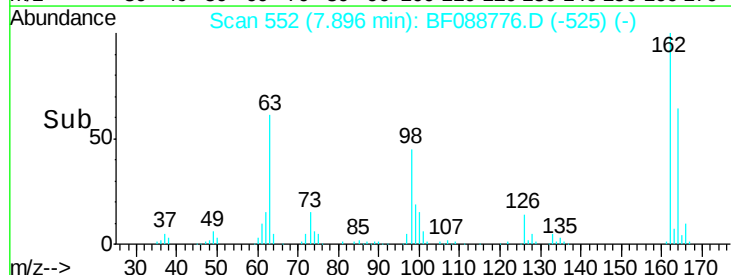
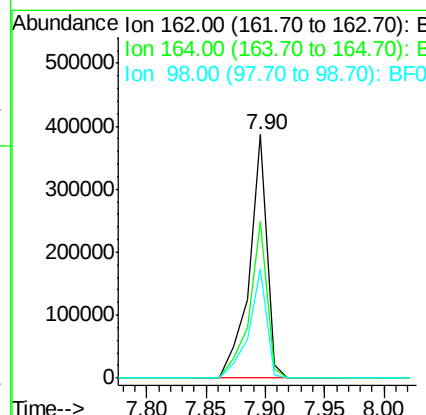
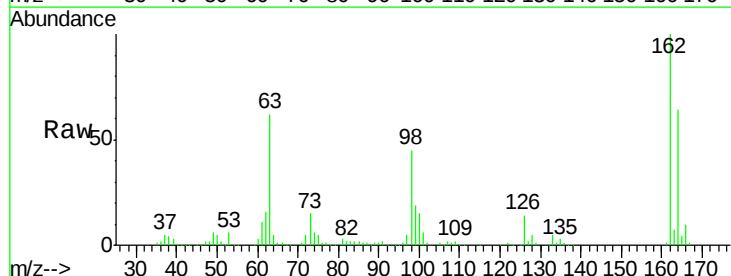
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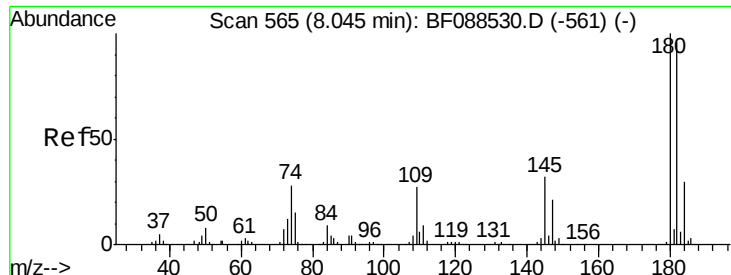
SOHIL
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#29
2,4-Dichlorophenol
Concen: 42.24 ng
RT: 7.90 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	401889		
164	64.3	43.8	83.8	
98	44.9	21.3	61.3	





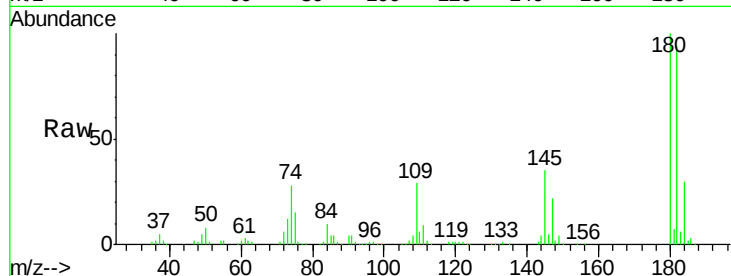
#30
1,2,4-Trichlorobenzene
Concen: 39.74 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

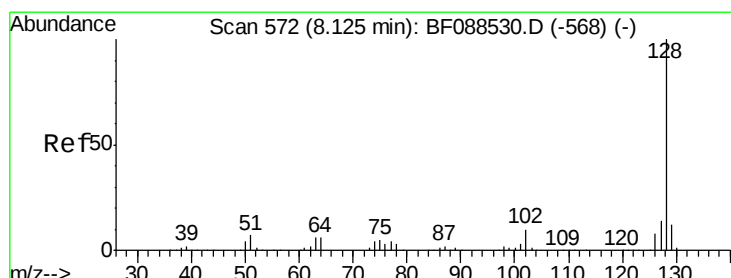
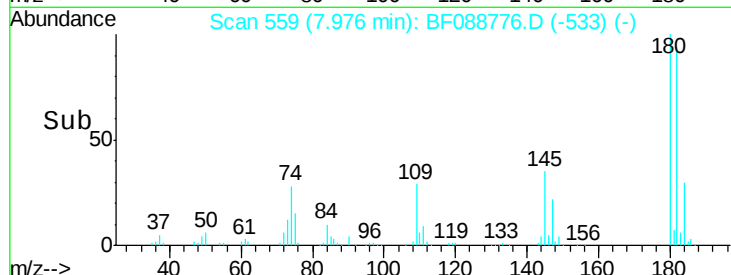
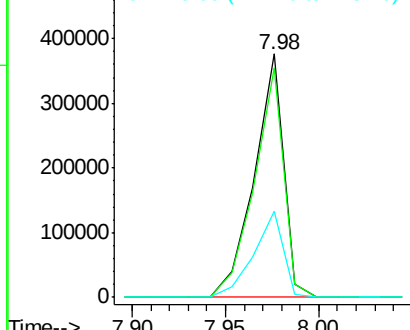
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.0	114.0
145	35.2	26.5	39.7

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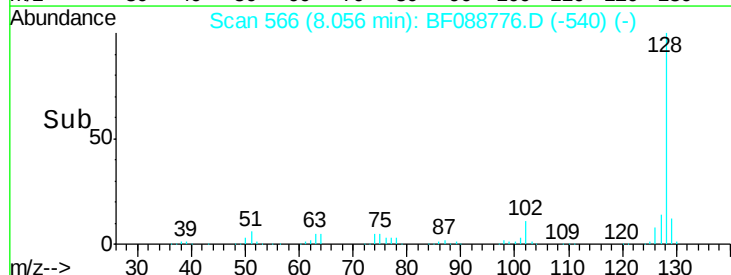
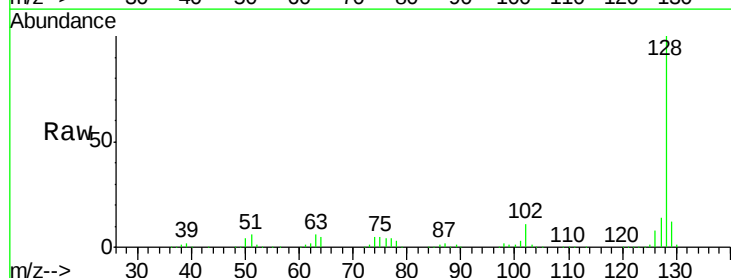
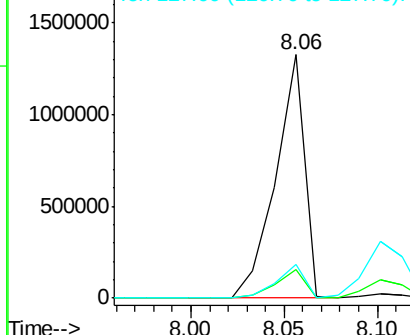
Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

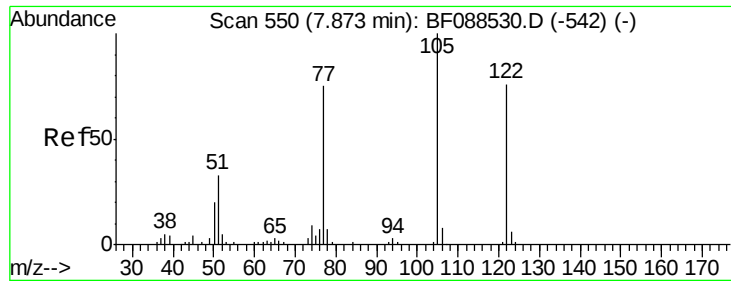


#31
Naphthalene
Concen: 40.66 ng
RT: 8.06 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.2
127	13.9	10.9	16.3

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





#32

Benzoic acid

Concen: 37.30 ng

RT: 7.87 min Scan# 550

Delta R.T. 0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

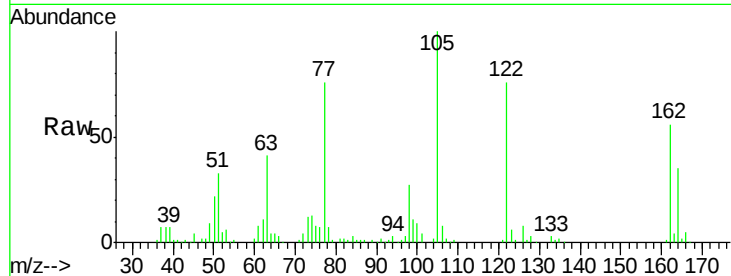
ClientSampleId :

PB91807BS

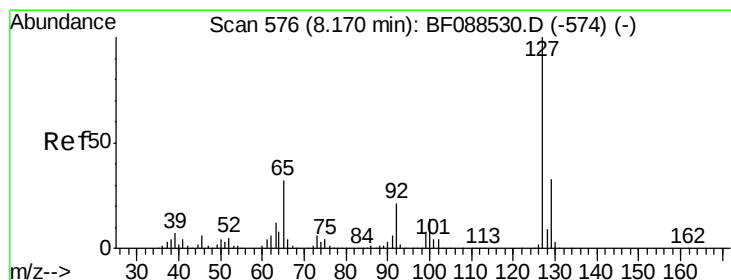
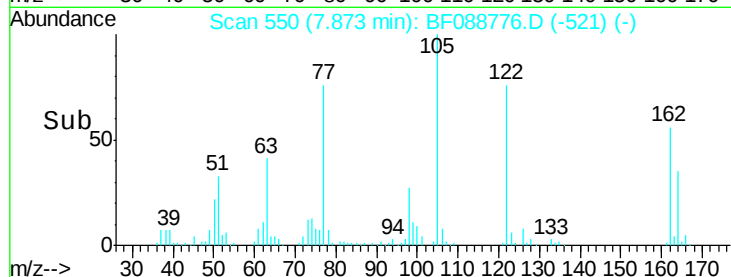
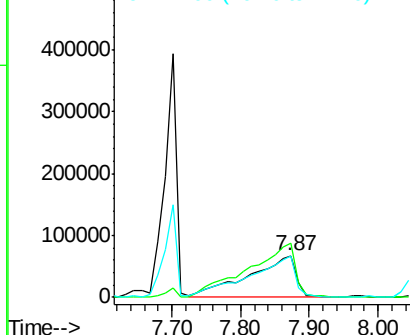
Tgt Ion:	122	Resp:	318787
Ion Ratio	Lower	Upper	
122	100		
105	130.7	101.6	141.6
77	100.0	70.6	110.6

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



#33

4-Chloroaniline

Concen: 29.99 ng

RT: 8.10 min Scan# 570

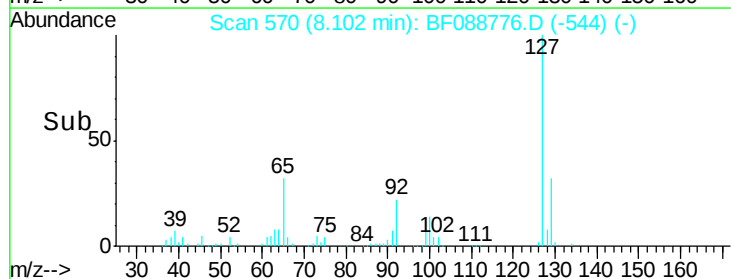
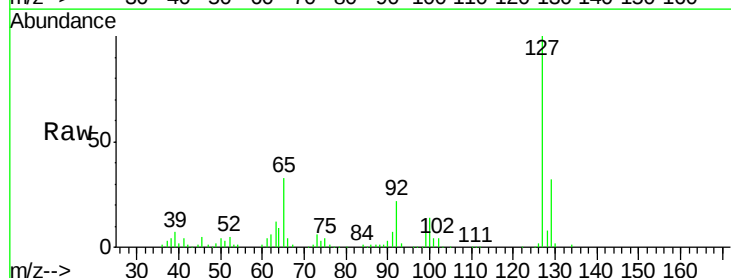
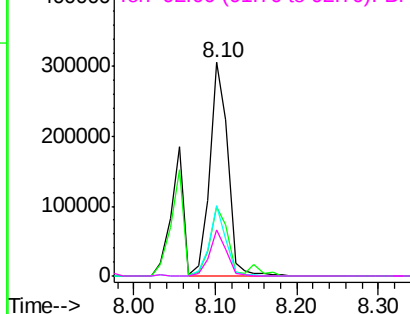
Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:	127	Resp:	471287
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.3	39.5
65	33.2	24.7	37.1
92	21.6	15.4	23.0

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





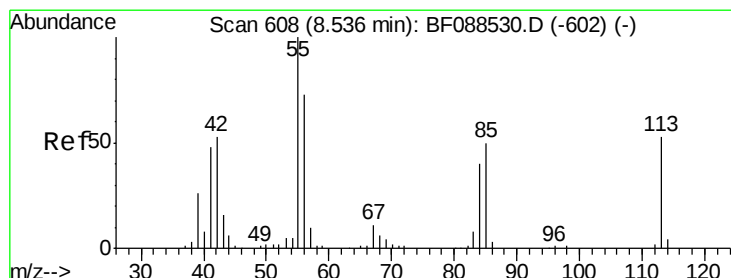
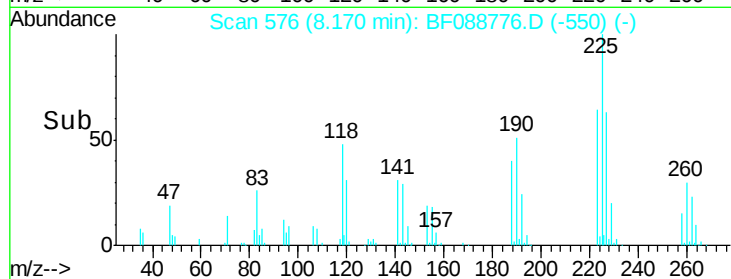
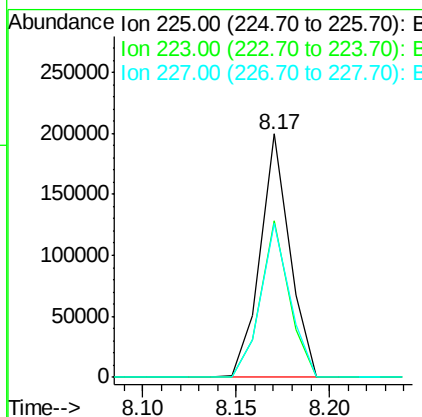
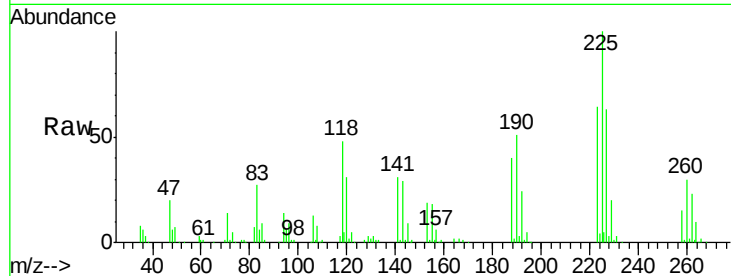
#34
Hexachlorobutadiene
Concen: 39.02 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	218126		
223	64.1	50.9	76.3	
227	63.1	51.9	77.9	

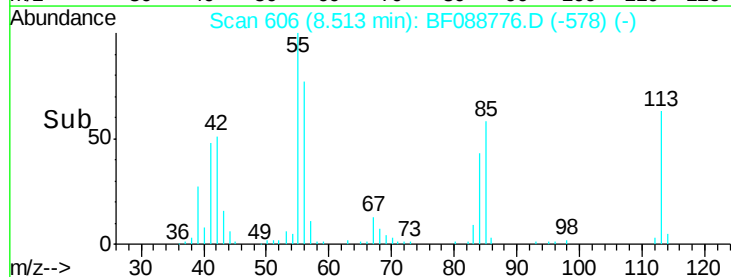
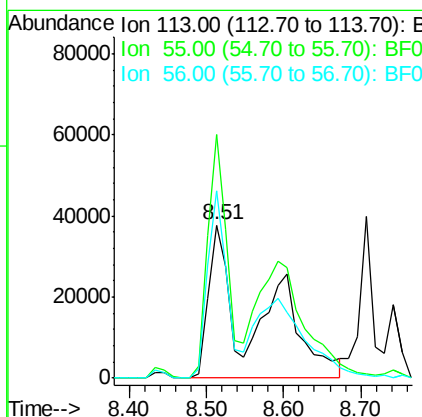
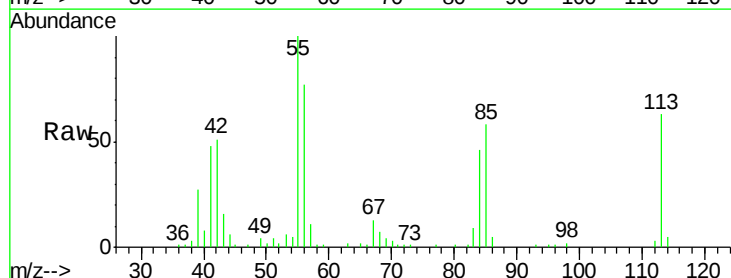
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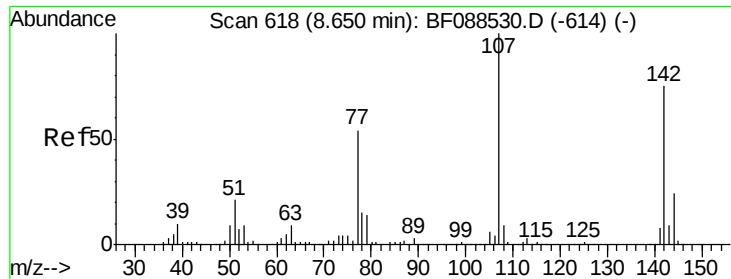
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#35
Caprolactam
Concen: 48.32 ng m
RT: 8.51 min Scan# 606
Delta R.T. 0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	156129		
55	159.2	158.6	198.6	
56	122.9	110.6	150.6	





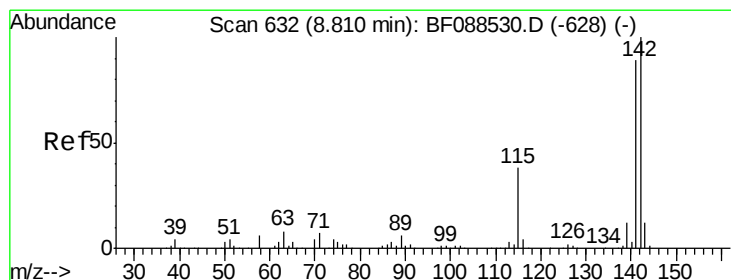
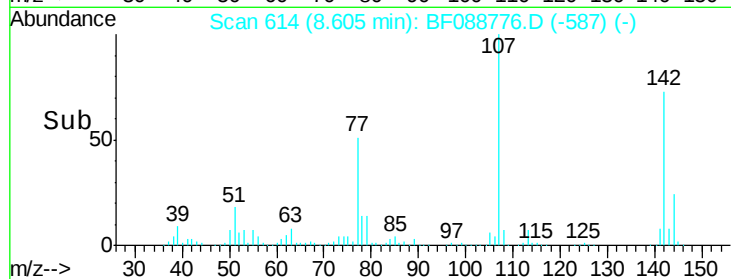
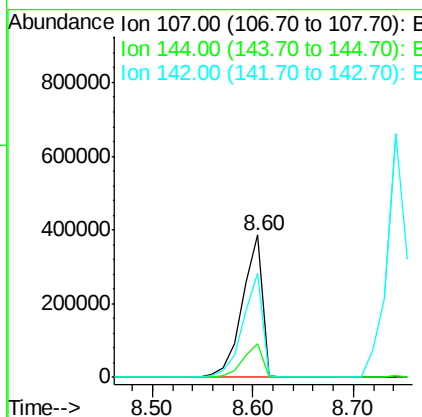
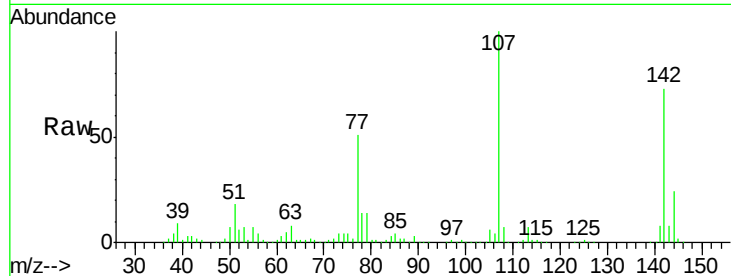
#36
 4-Chloro-3-methylphenol
 Concen: 47.38 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampled :
 PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	533031		
144	24.1	20.8	31.2	
142	73.2	63.4	95.2	

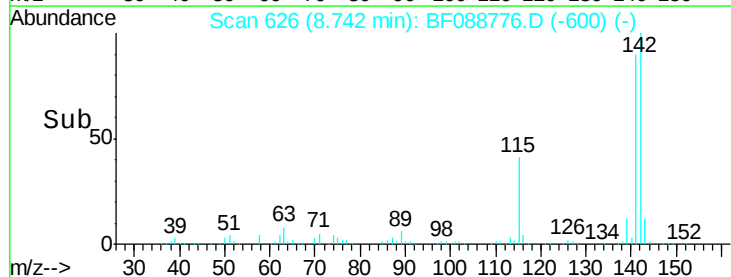
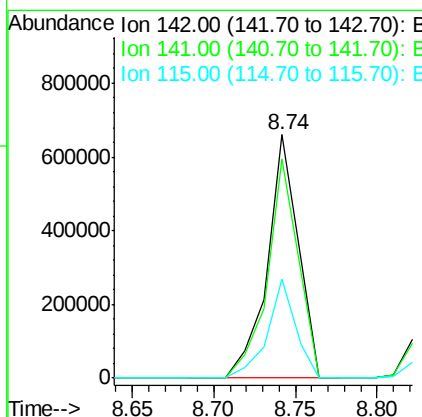
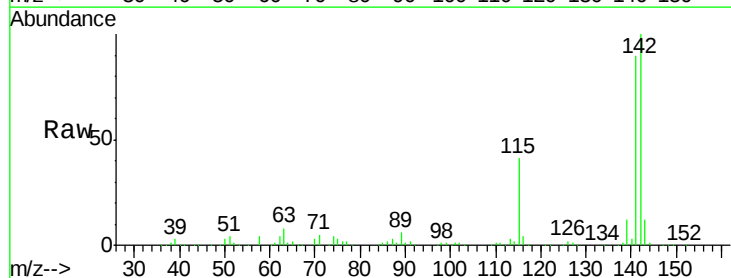
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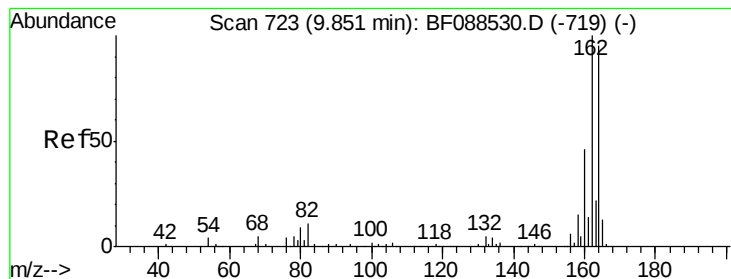
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#37
 2-Methylnaphthalene
 Concen: 38.27 ng
 RT: 8.74 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	870337		
141	90.1	71.0	106.6	
115	40.8	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

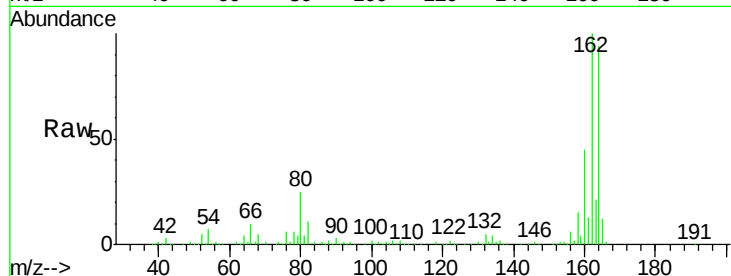
ClientSampleId :

PB91807BS

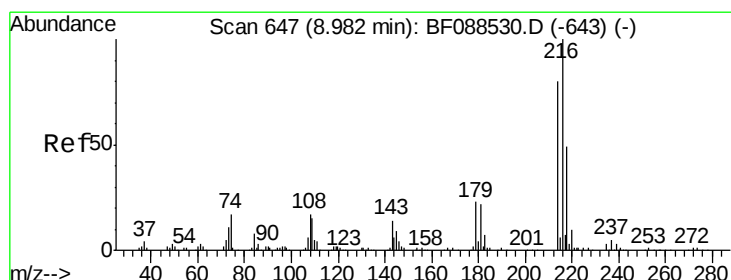
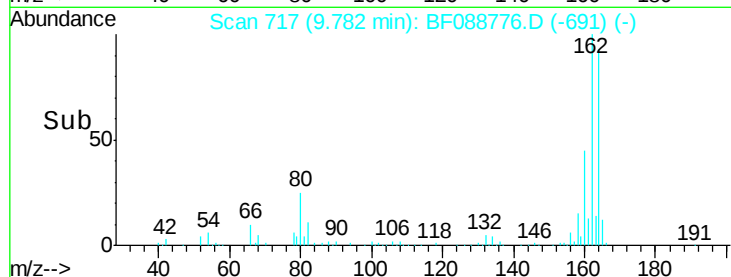
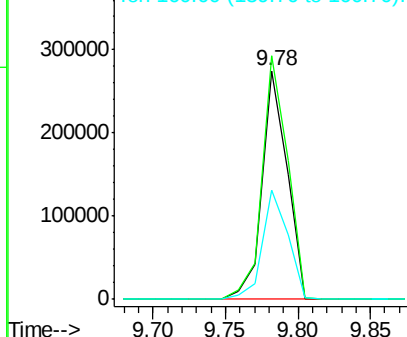
Tgt Ion:	164	Resp:	328523
Ion Ratio	Lower	Upper	
164	100		
162	106.4	85.4	128.2
160	47.6	39.5	59.3

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.54 ng

RT: 8.91 min Scan# 641

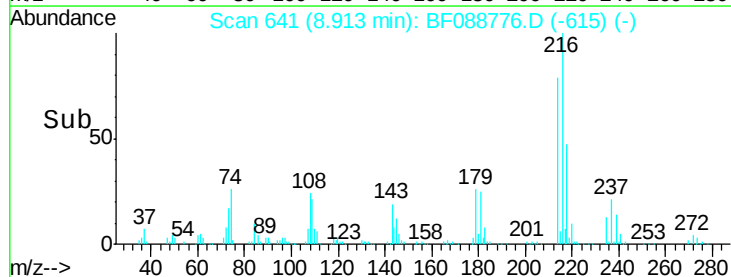
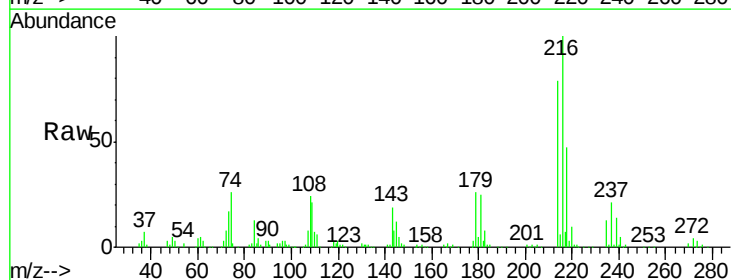
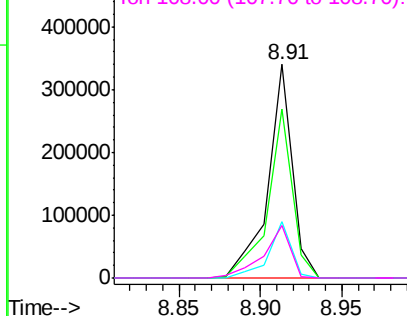
Delta R.T. 0.00 min

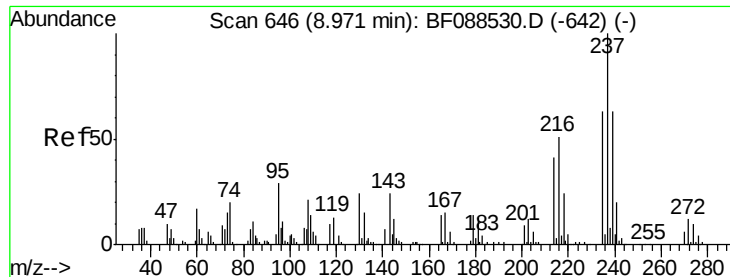
Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion:	216	Resp:	355591
Ion Ratio	Lower	Upper	
216	100		
214	78.6	2.9	4.3#
179	24.7	0.0	0.0#
108	26.9	0.5	0.7#

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





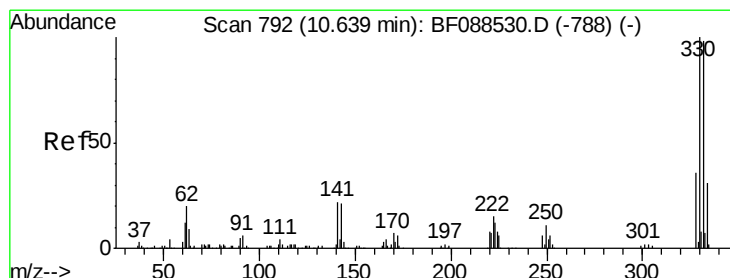
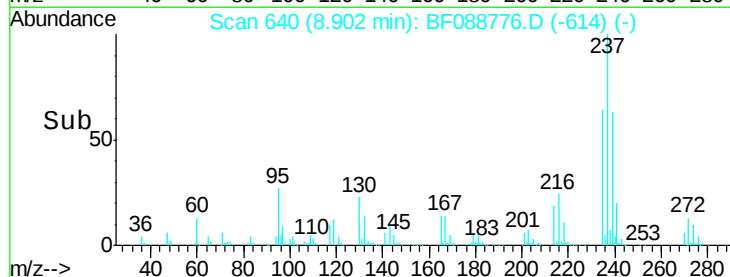
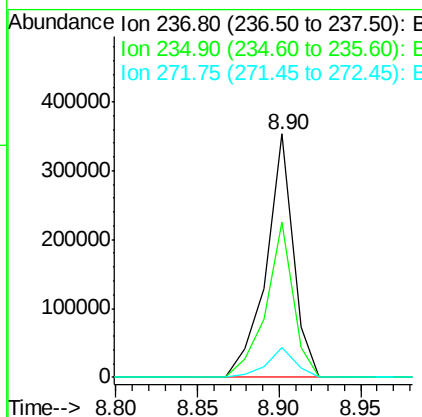
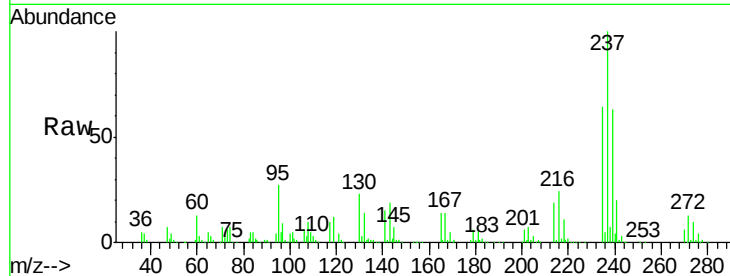
#40
Hexachlorocyclopentadiene
Concen: 76.43 ng
RT: 8.90 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.9	43.4	83.4
272	12.5	0.0	32.3

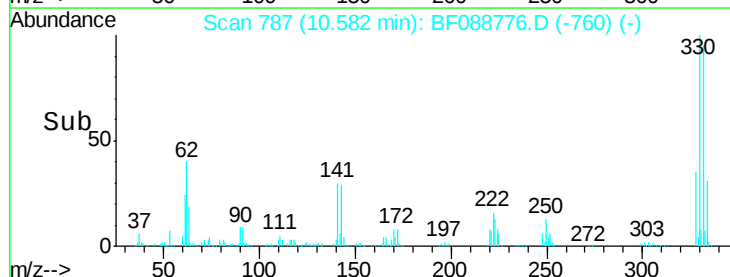
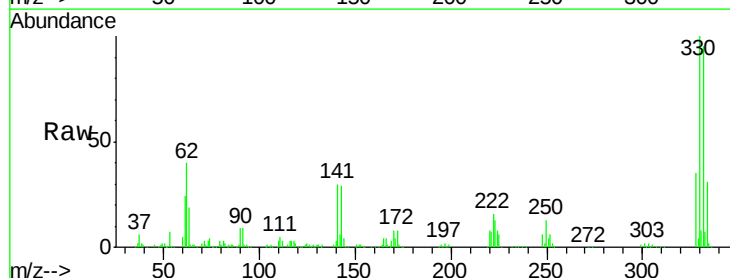
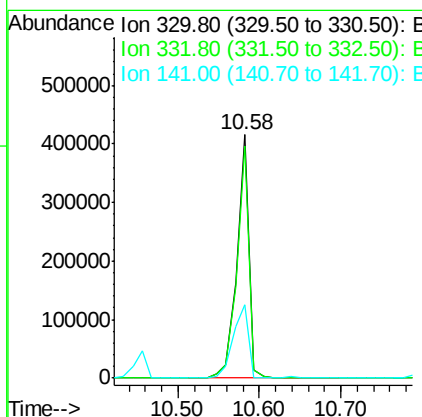
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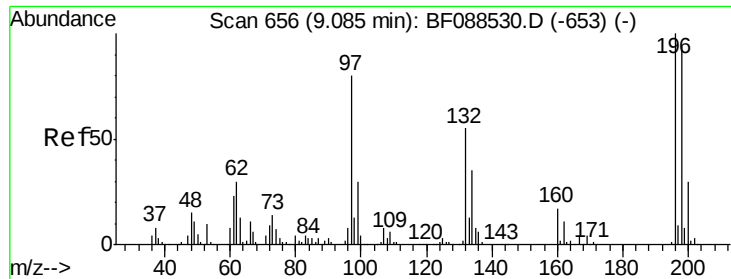
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#41
2,4,6-Tribromophenol
Concen: 141.43 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.5	0.0	0.0#
141	38.4	0.0	0.0#





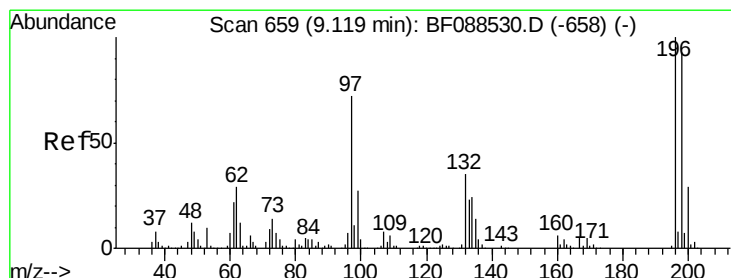
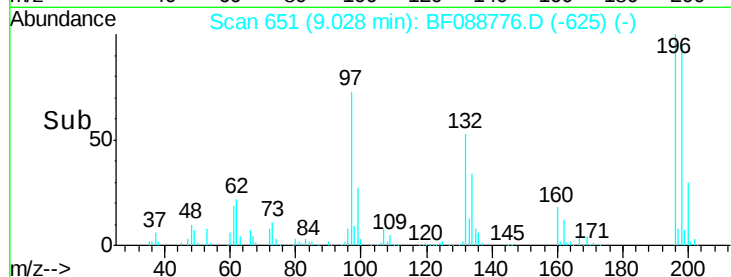
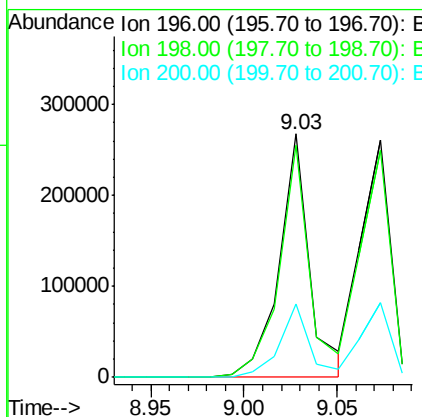
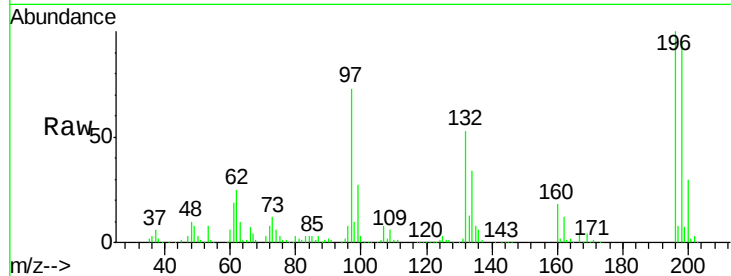
#42
 2,4,6-Trichlorophenol
 Concen: 42.27 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	304536		
198	95.2	78.0	117.0	
200	30.3	25.4	38.2	

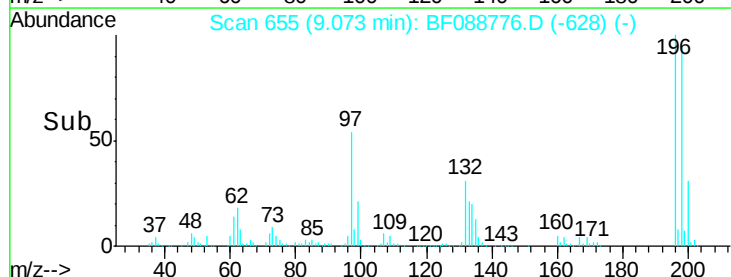
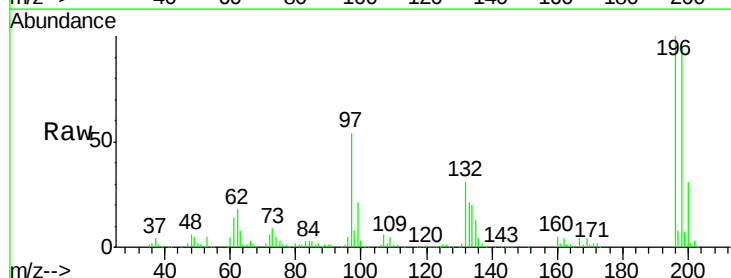
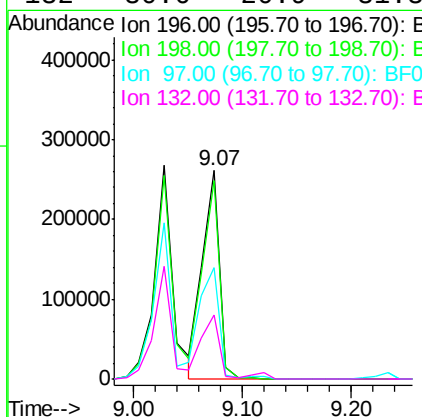
Manual Integrations
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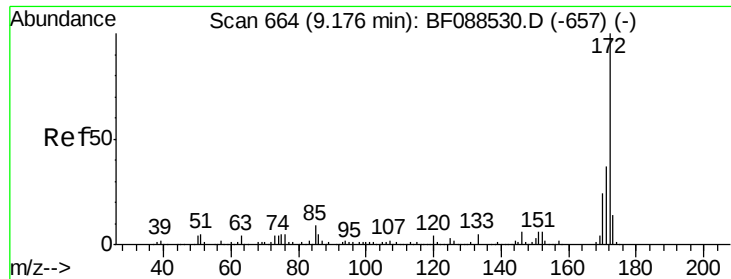
SOHIL
 7/8/2016 7:03:30 AM



#43
 2,4,5-Trichlorophenol
 Concen: 46.60 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288831		
198	95.2	77.5	116.3	
97	53.7	32.0	48.0#	
132	30.6	20.9	31.3	





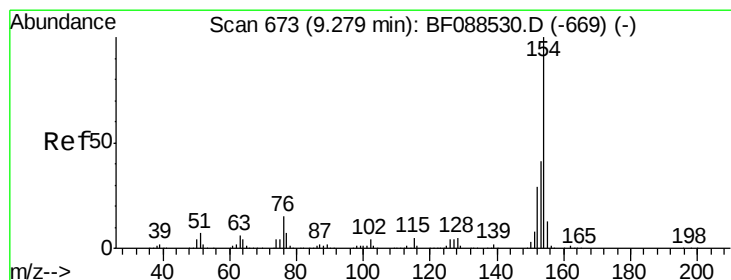
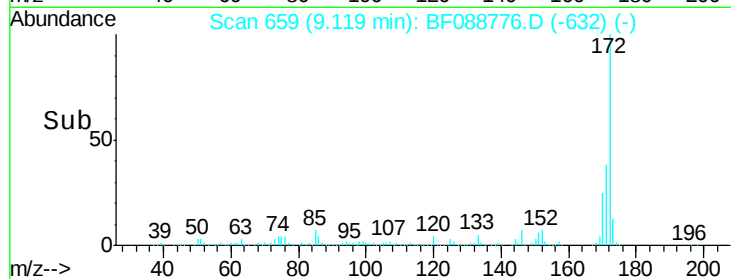
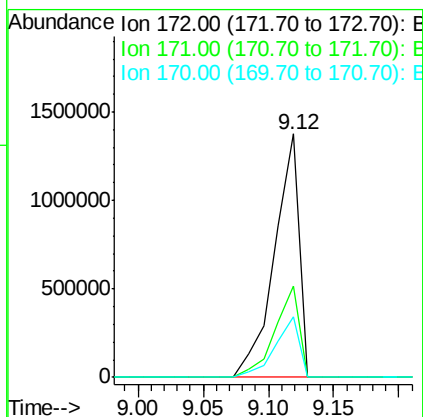
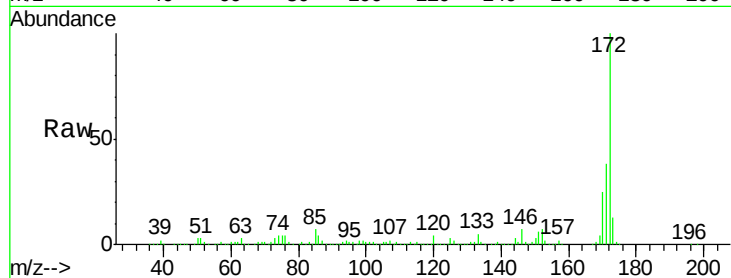
#44
 2-Fluorobiphenyl
 Concen: 87.78 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion:172 Resp: 1825763
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 43.0
 170 24.9 19.2 28.8

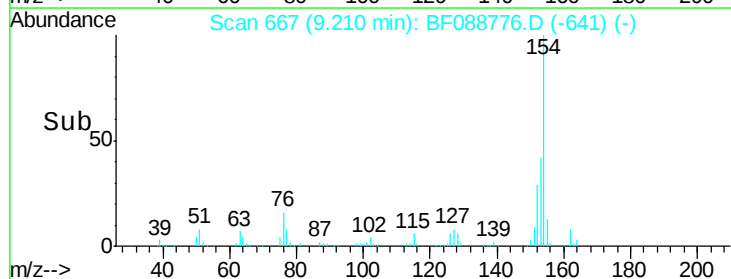
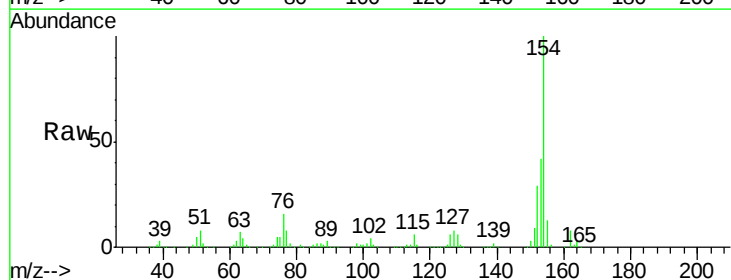
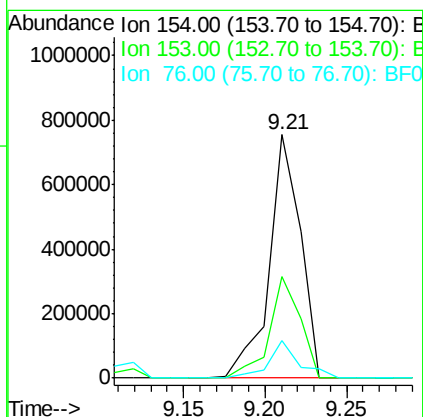
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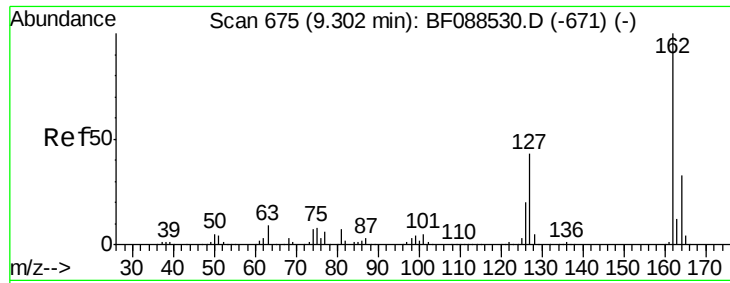
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#45
 1,1'-Biphenyl
 Concen: 37.06 ng
 RT: 9.21 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion:154 Resp: 1008285
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.6 60.6
 76 15.7 0.0 35.1





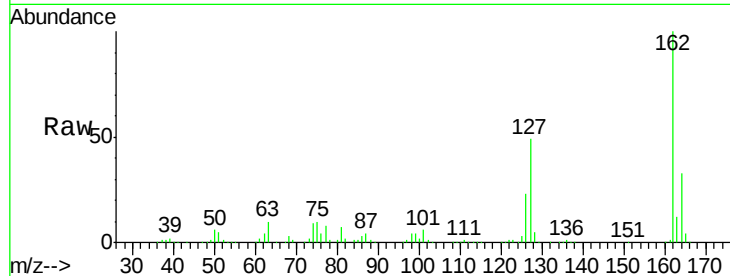
#46
2-Chloronaphthalene
Concen: 35.69 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

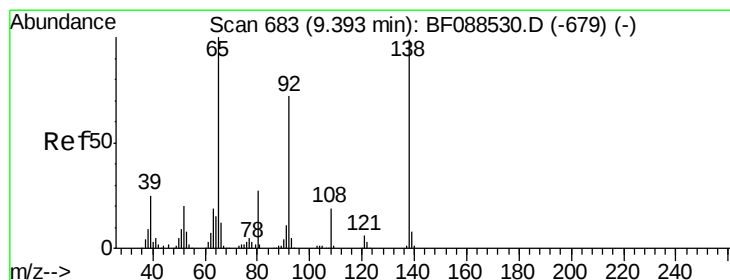
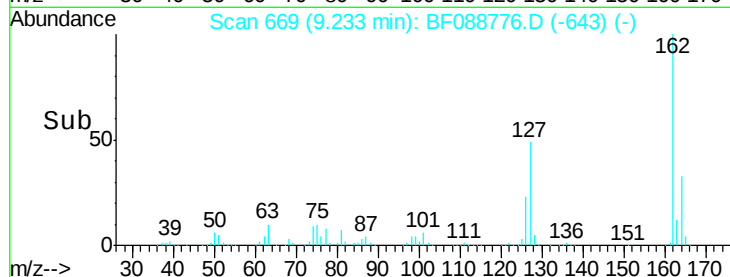
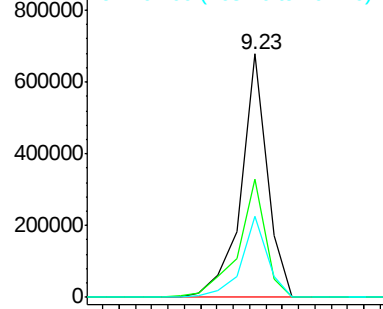
Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.7	35.2	52.8
164	33.1	26.6	39.8

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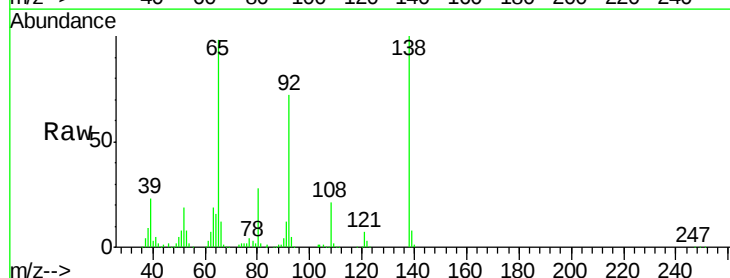


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

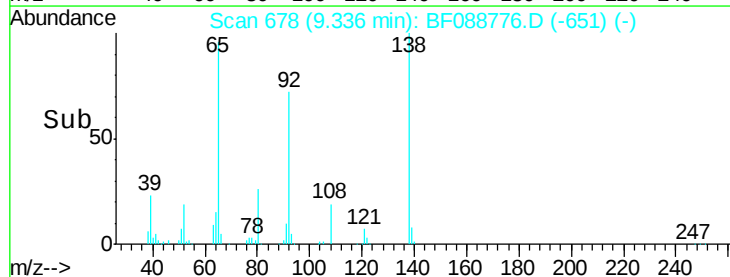
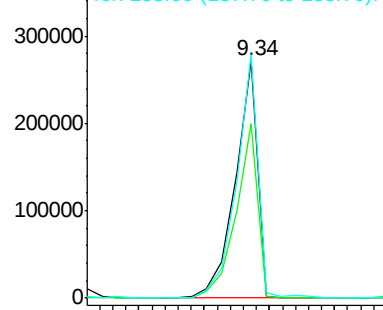


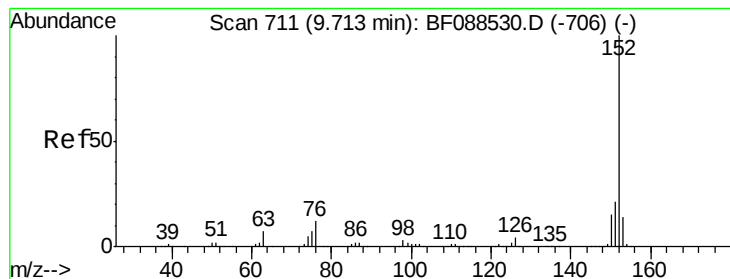
#47
2-Nitroaniline
Concen: 42.66 ng
RT: 9.34 min Scan# 678
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	54.6	82.0
138	102.4	77.0	115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 39.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion:152 Resp: 1325200

Ion Ratio Lower Upper

152 100

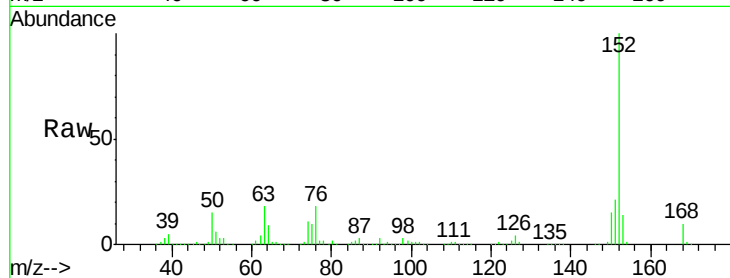
151 20.6 16.2 24.4

153 13.7 11.0 16.6

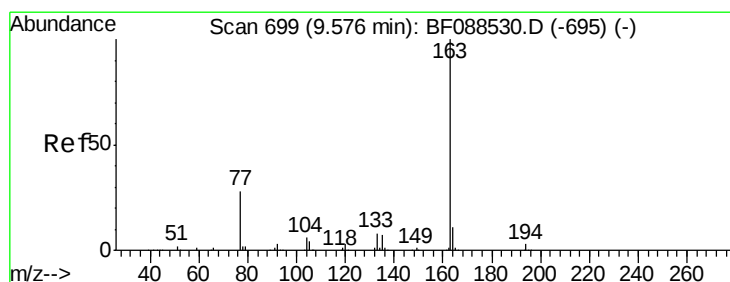
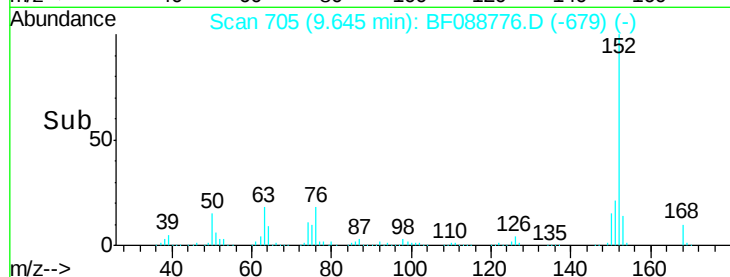
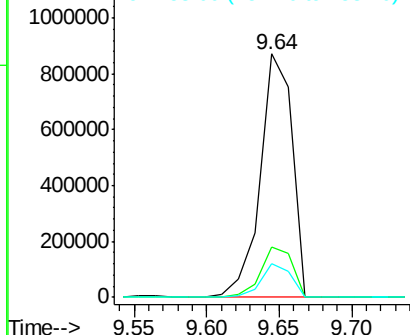
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 41.45 ng

RT: 9.53 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

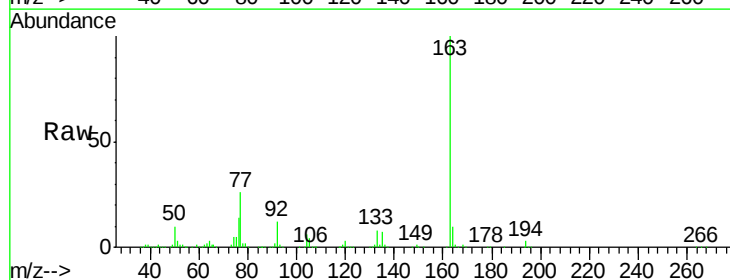
Tgt Ion:163 Resp: 970131

Ion Ratio Lower Upper

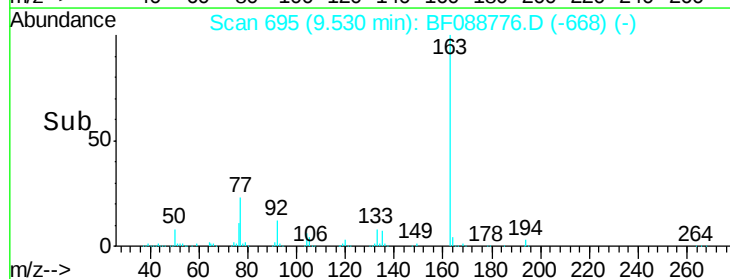
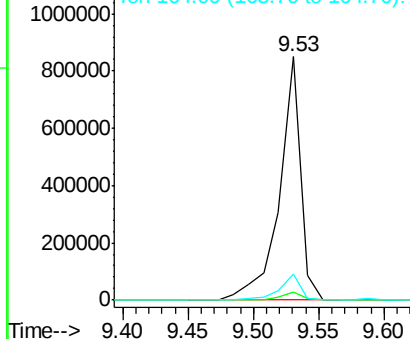
163 100

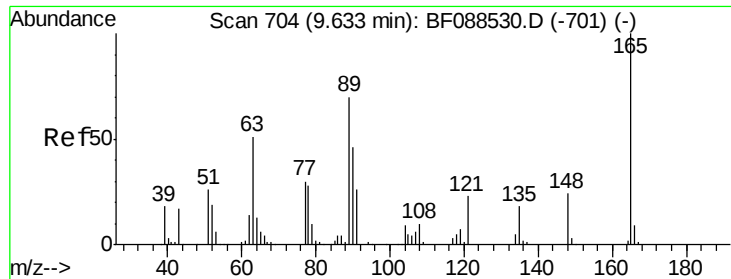
194 3.4 2.8 4.2

164 10.5 8.3 12.5



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





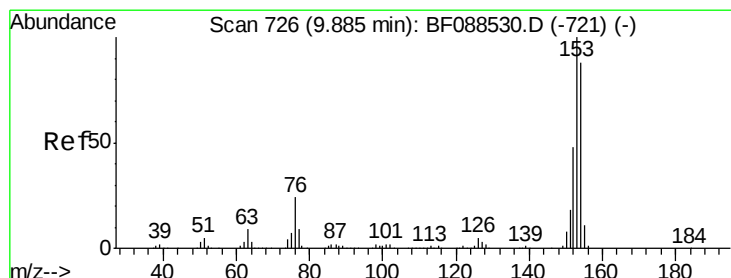
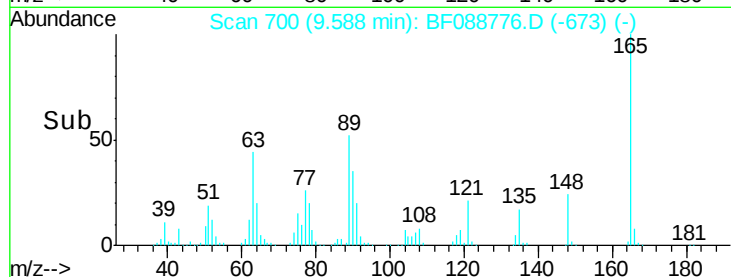
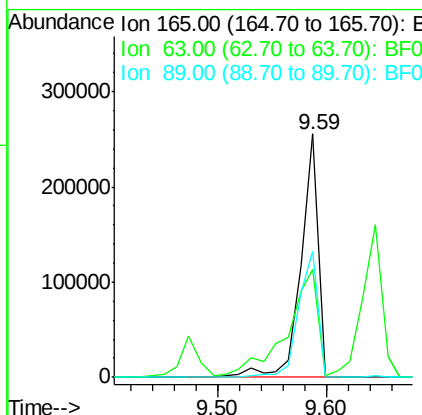
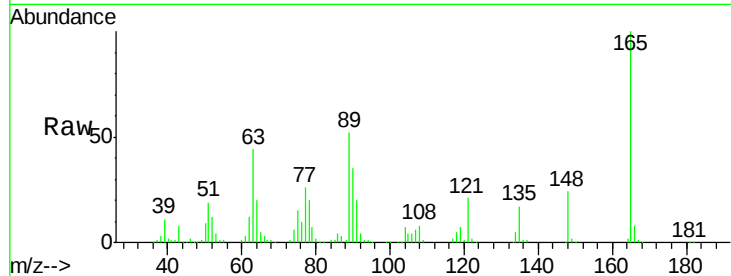
#50
2,6-Dinitrotoluene
Concen: 55.00 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	44.5	28.1	42.1#
89	51.9	32.2	48.2#

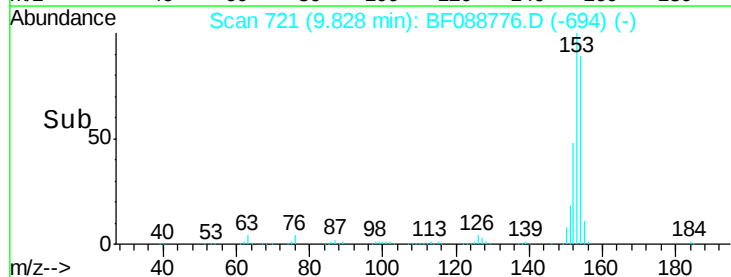
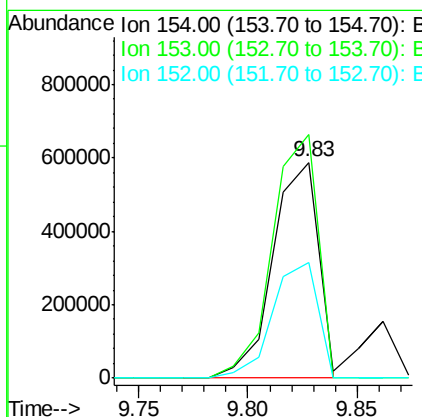
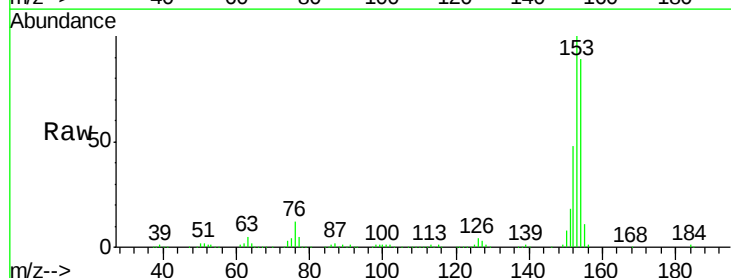
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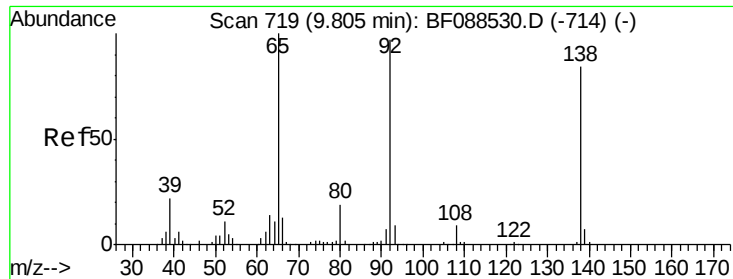
SOHIL
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#51
Acenaphthene
Concen: 41.26 ng m
RT: 9.83 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	112.9	89.5	134.3
152	53.9	42.7	64.1





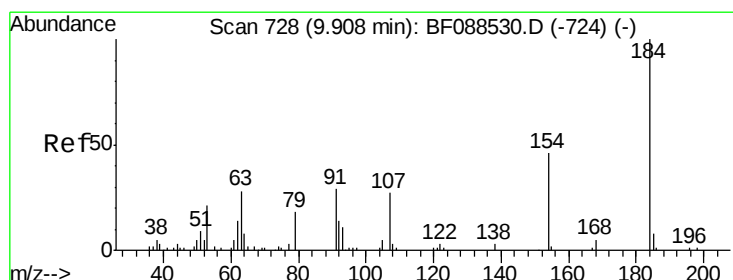
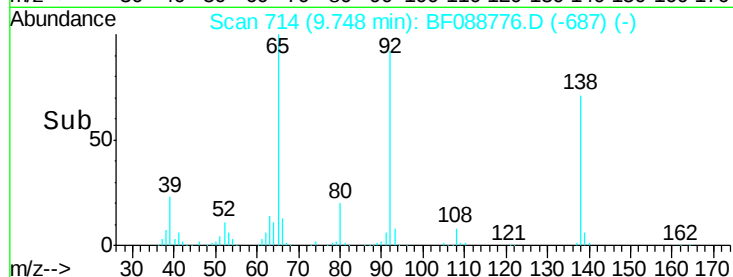
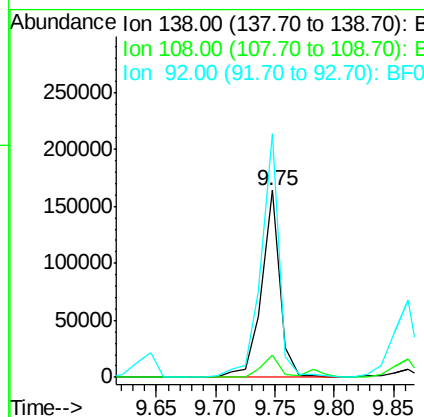
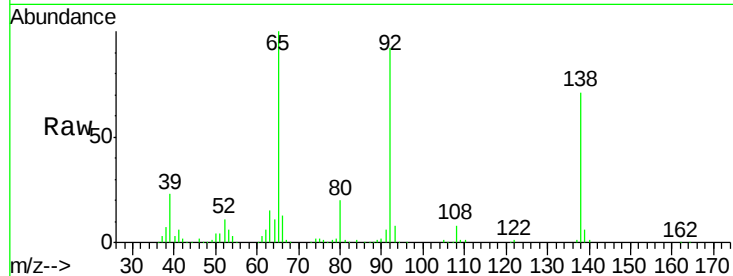
#52
3-Nitroaniline
Concen: 26.93 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.7	8.5	12.7
92	130.3	95.7	143.5

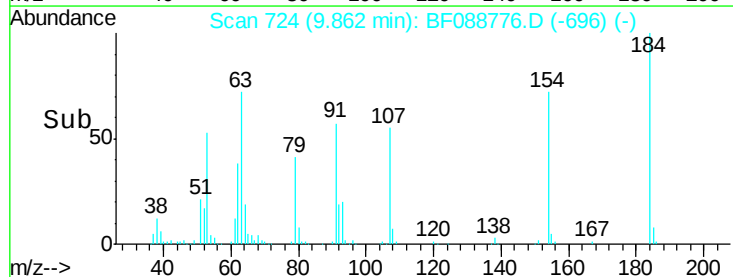
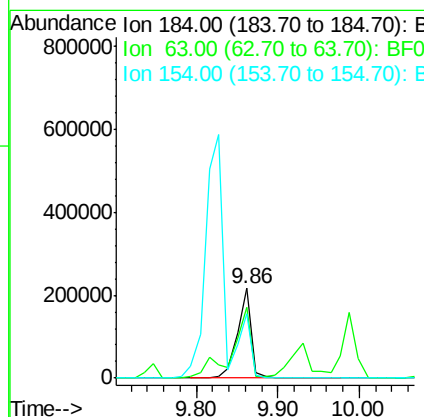
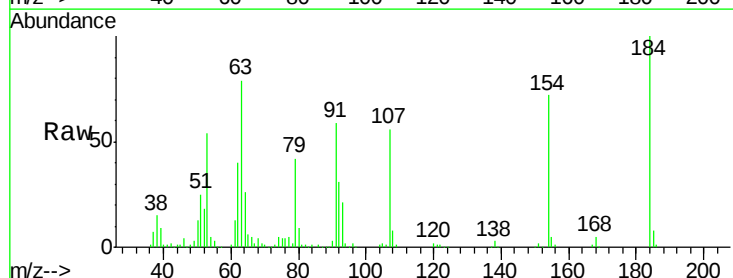
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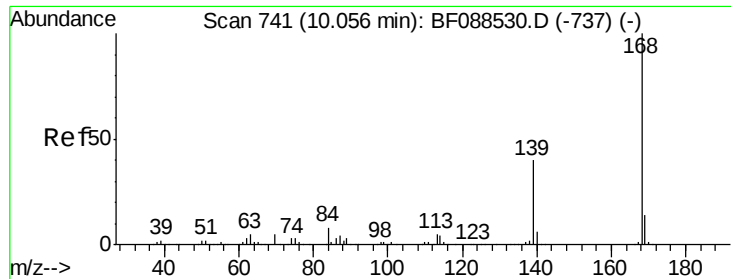
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#53
2,4-Dinitrophenol
Concen: 113.49 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.4	57.6	86.4
154	72.3	53.5	80.3





#54

Dibenzofuran

Concen: 46.29 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampled :

PB91807BS

Tgt Ion:168 Resp: 1262147

Ion Ratio Lower Upper

168 100

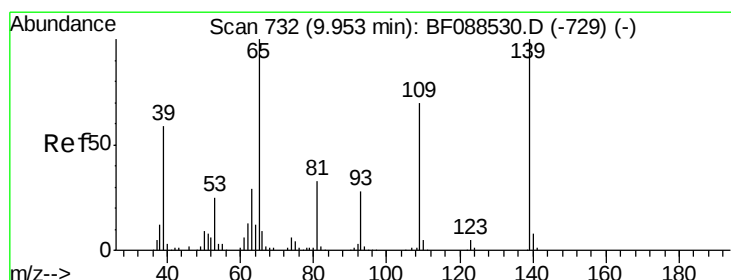
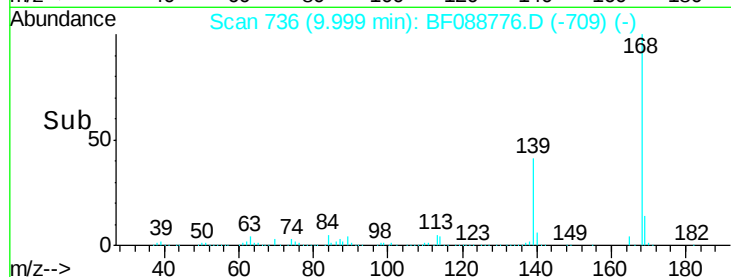
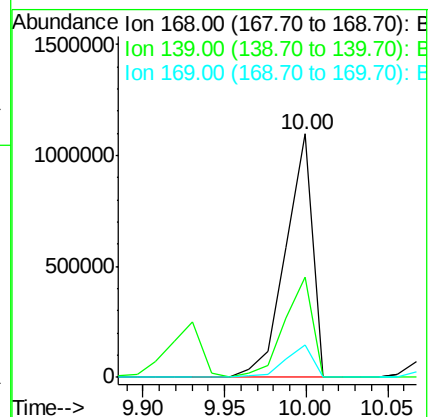
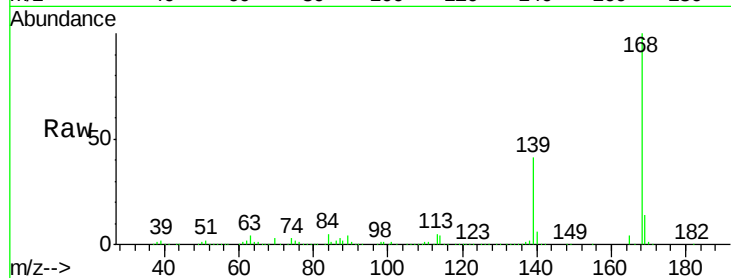
139 41.1 26.4 39.6#

169 13.6 10.4 15.6

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#55

4-Nitrophenol

Concen: 72.04 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.03 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

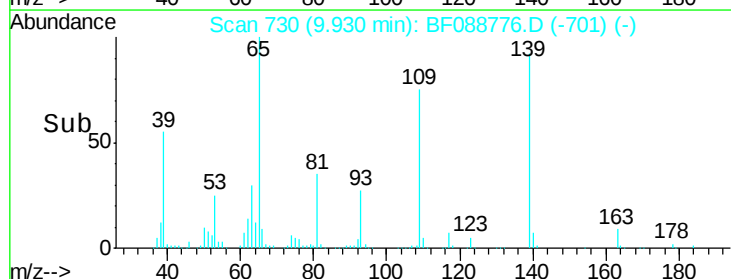
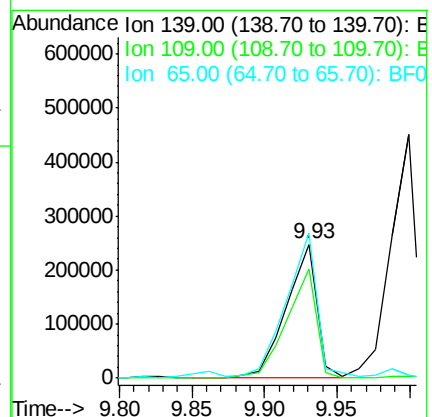
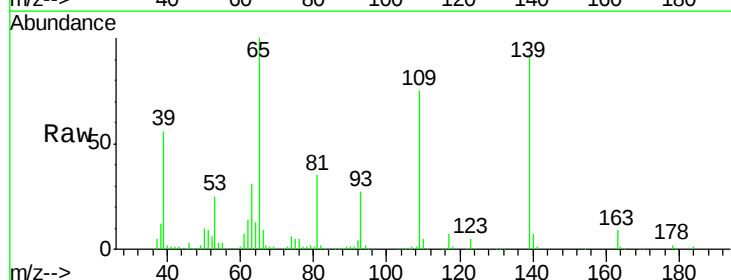
Tgt Ion:139 Resp: 361011

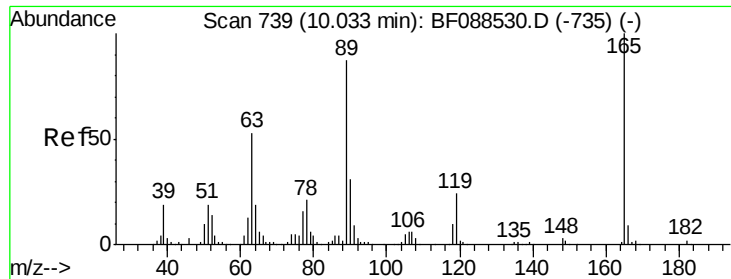
Ion Ratio Lower Upper

139 100

109 81.6 48.9 88.9

65 108.3 84.9 124.9





#56

2,4-Dinitrotoluene

Concen: 38.32 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

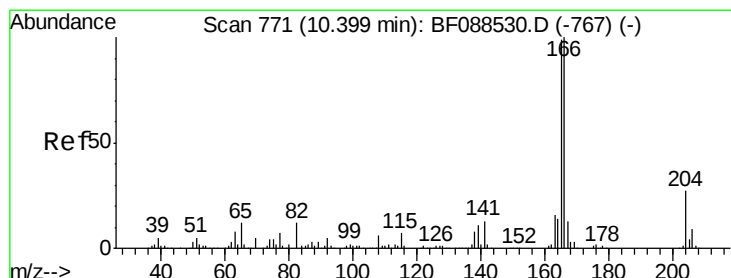
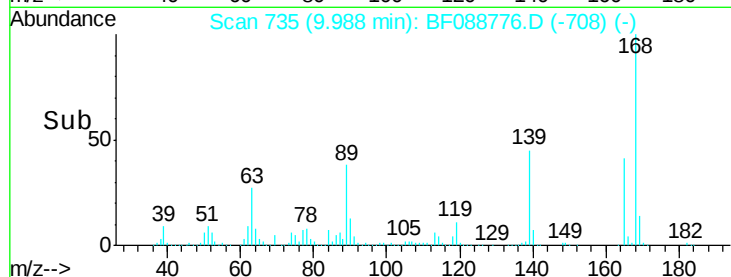
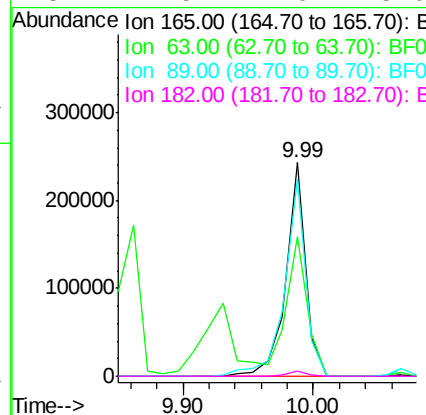
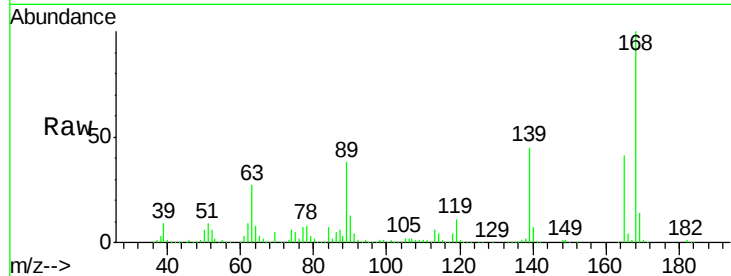
ClientSampleId :

PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259884		
63	65.2	22.0	33.0#	
89	92.5	41.1	61.7#	
182	2.5	2.0	3.0	

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#57

Fluorene

Concen: 42.53 ng

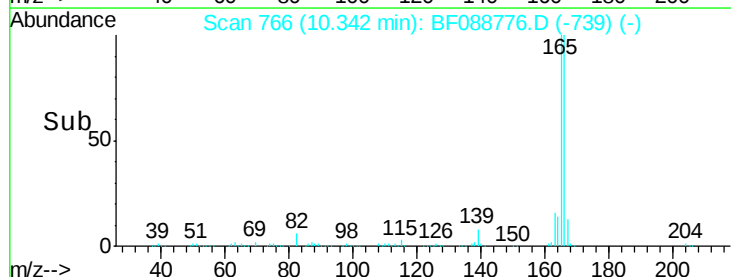
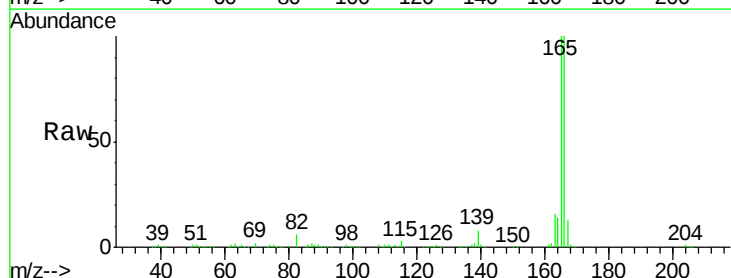
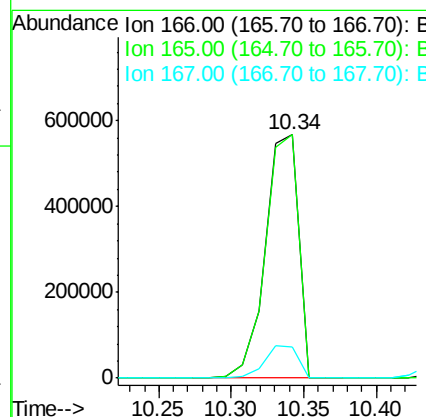
RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	893448		
165	99.9	77.8	116.8	
167	13.0	11.2	16.8	





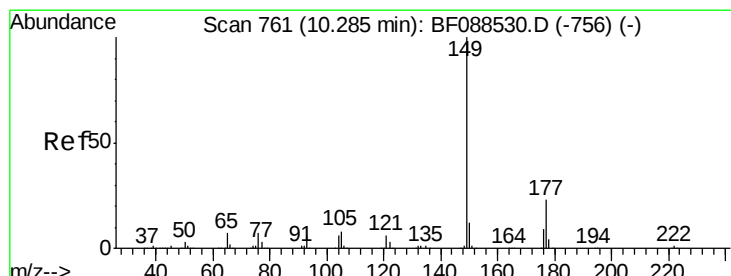
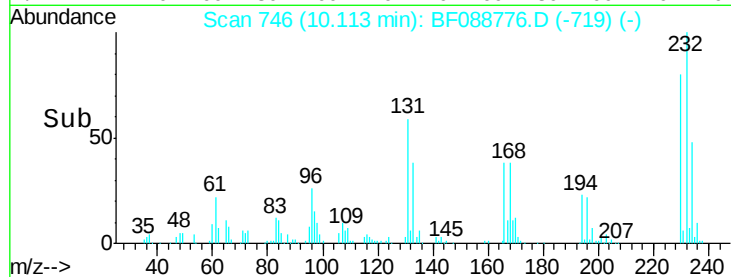
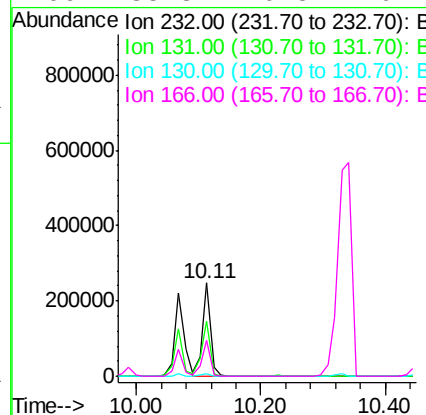
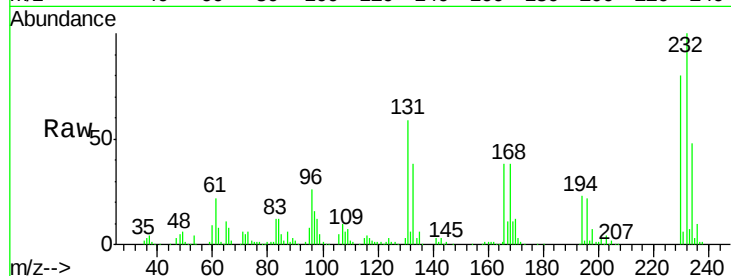
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.97 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	58.9	0.9	1.3#
130	3.1	1.5	2.3#
166	38.3	0.5	0.7#

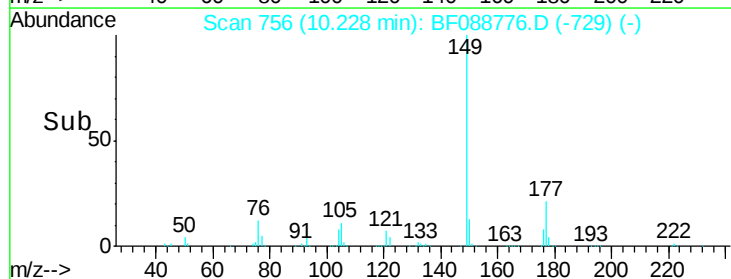
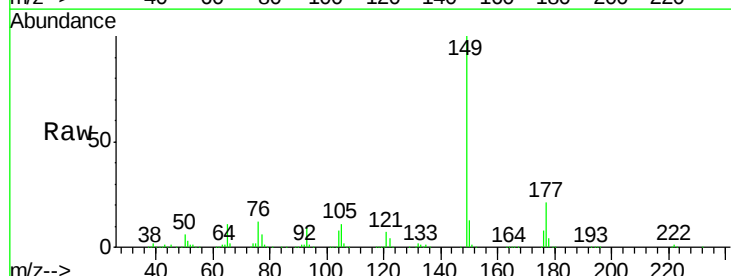
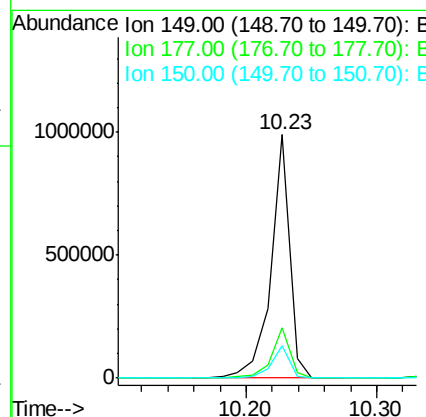
Manual Integrations
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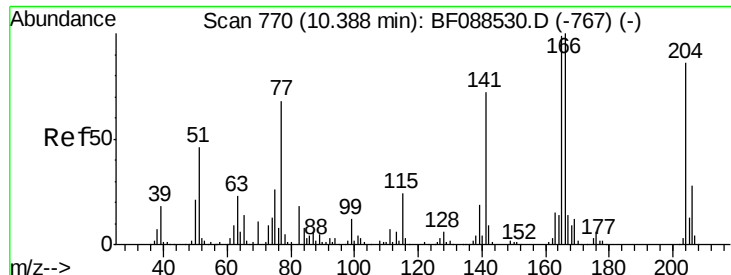
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#59
 Diethylphthalate
 Concen: 42.33 ng
 RT: 10.23 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.5	16.9	25.3
150	13.1	10.1	15.1





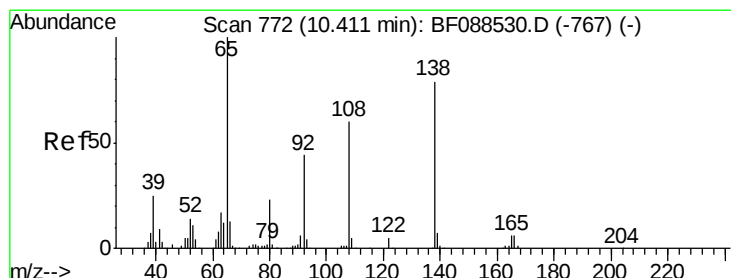
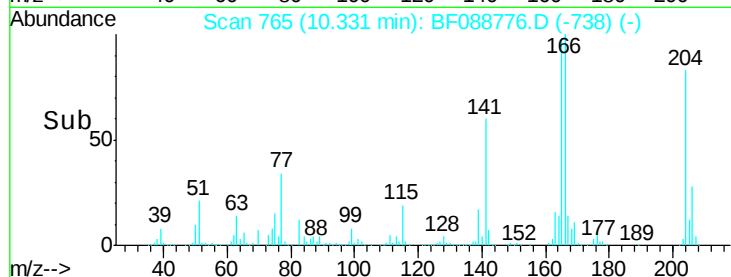
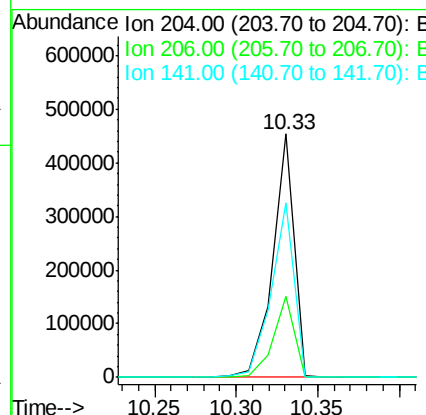
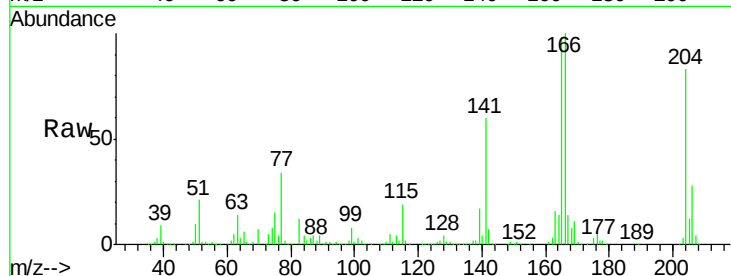
#60
 4-Chlorophenyl-phenylether
 Concen: 42.51 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	414995		
206	33.5	26.3	39.5	
141	71.7	55.0	82.6	

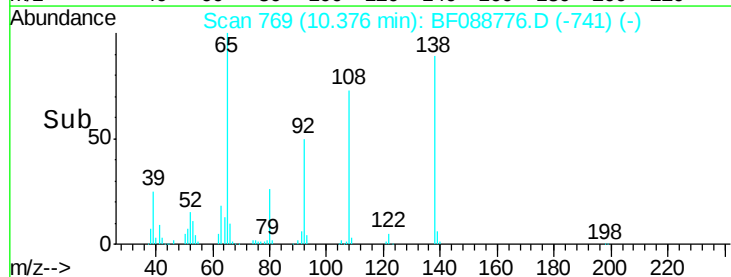
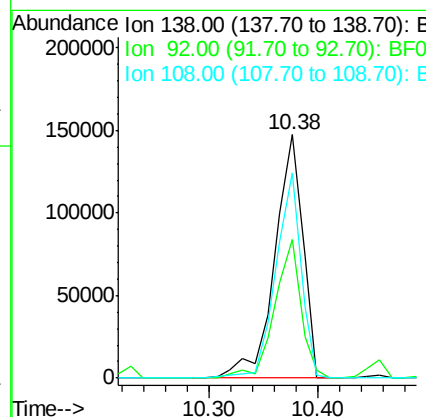
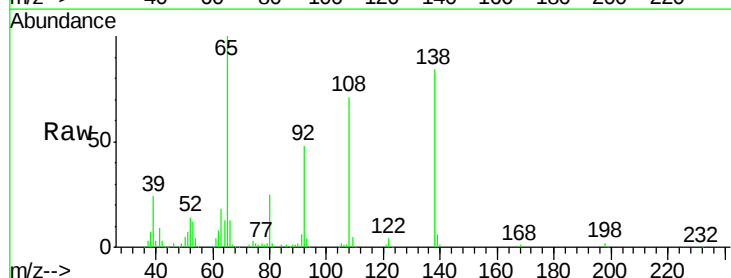
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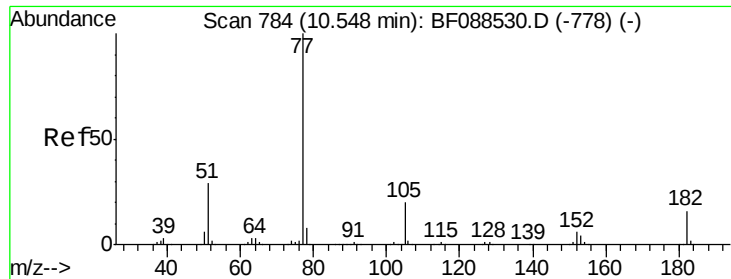
SOHIL
 7/8/2016 7:03:30 AM



#61
 4-Nitroaniline
 Concen: 41.73 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	264826		
92	56.8	27.3	67.3	
108	84.3	46.7	86.7	





#62

Azobenzene

Concen: 45.92 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion: 77 Resp: 1230242

Ion Ratio Lower Upper

77 100

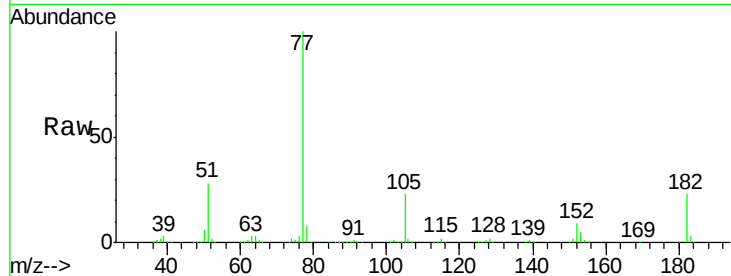
182 23.2 4.4 44.4

105 23.2 3.8 43.8

51 28.4 9.3 49.3

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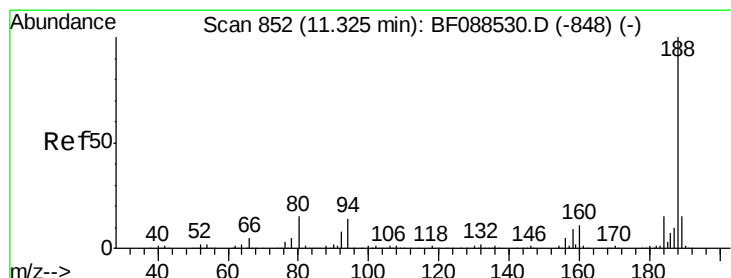
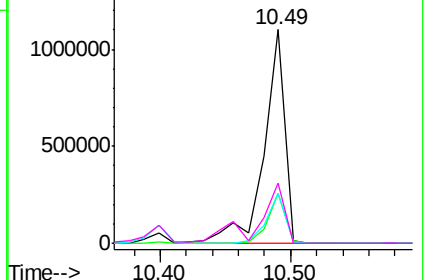
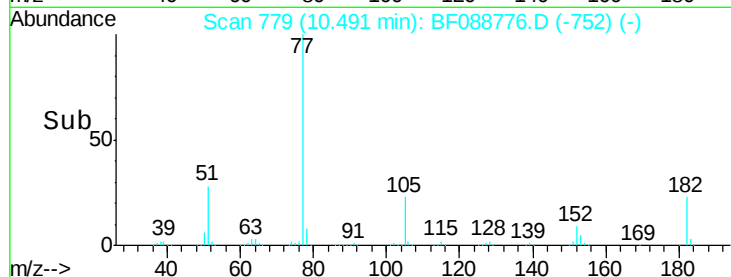


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

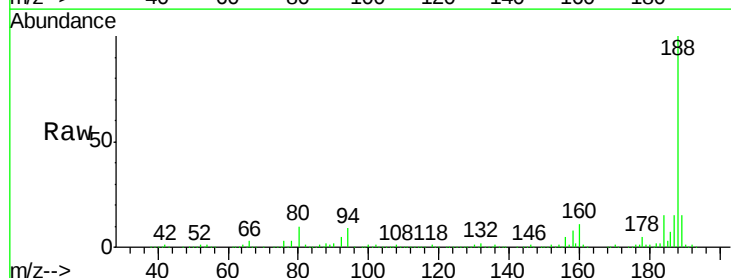
Tgt Ion: 188 Resp: 646428

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.6#

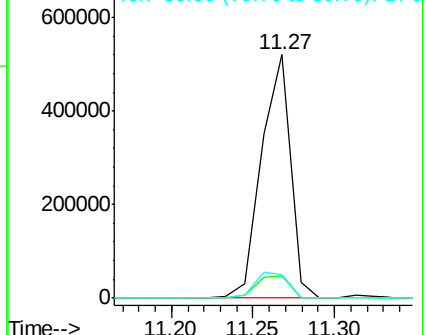
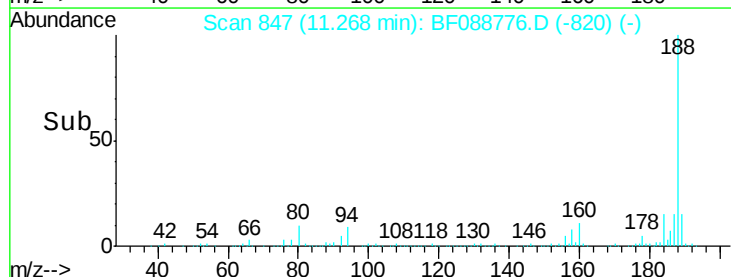
80 9.8 10.0 15.0#

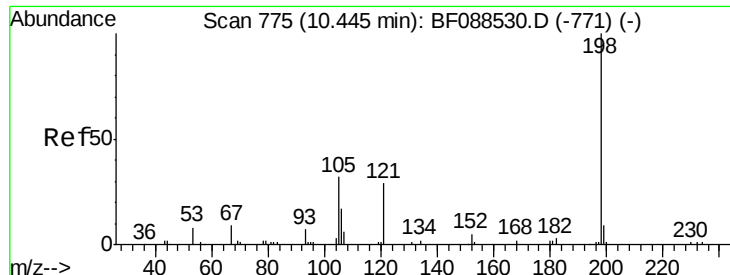


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 44.62 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.02 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion:198 Resp: 154279
Ion Ratio Lower Upper

198 100

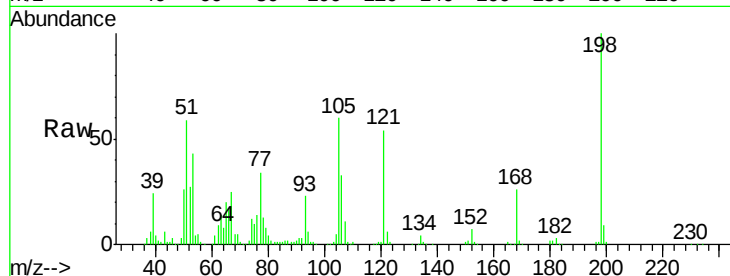
51 59.4 39.6 79.6

105 59.7 36.6 76.6

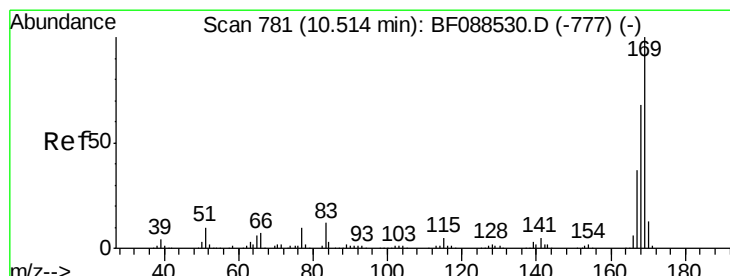
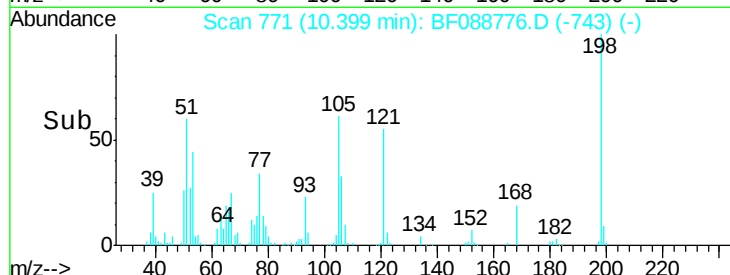
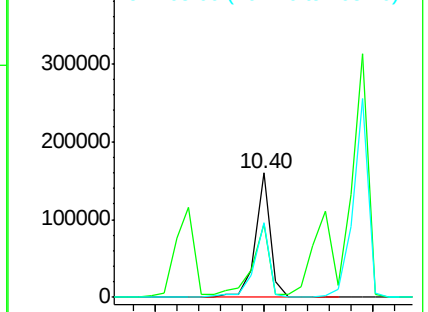
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.14 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF088776.D

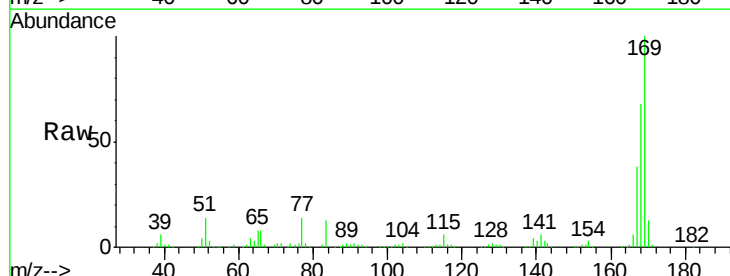
Acq: 7 Jul 2016 13:15

Tgt Ion:169 Resp: 856262
Ion Ratio Lower Upper

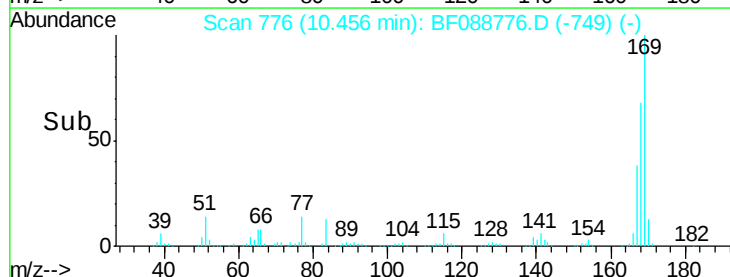
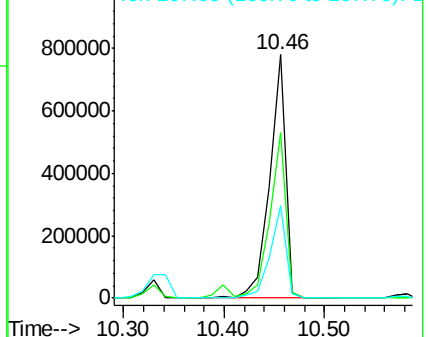
169 100

168 68.2 53.4 80.0

167 38.0 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





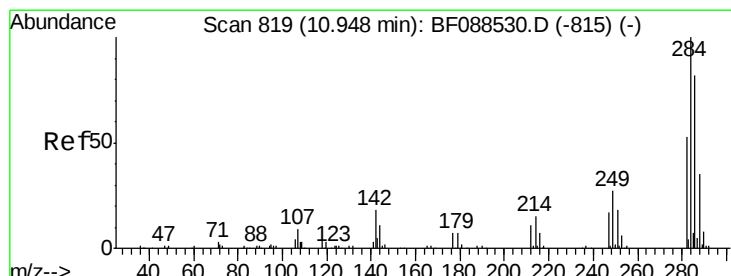
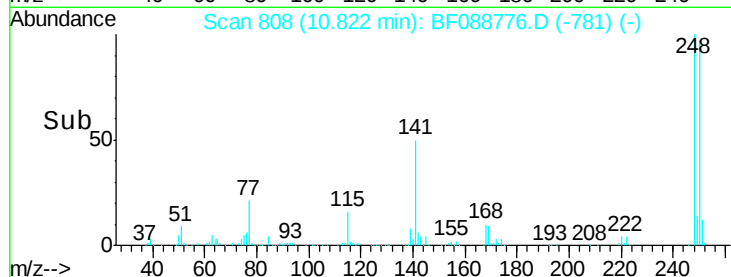
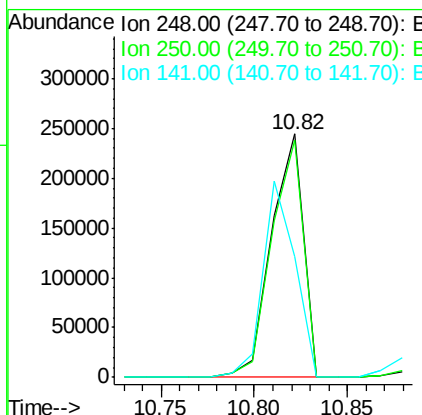
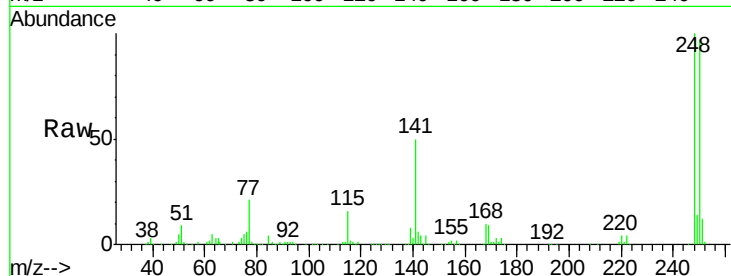
#66
4-Bromophenyl-phenylether
Concen: 44.99 ng
RT: 10.82 min Scan# 808
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.1	115.7
141	49.5	50.6	76.0

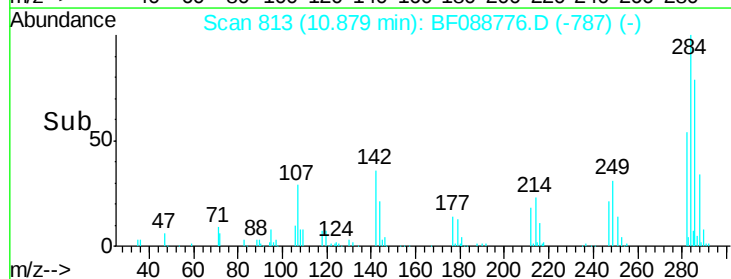
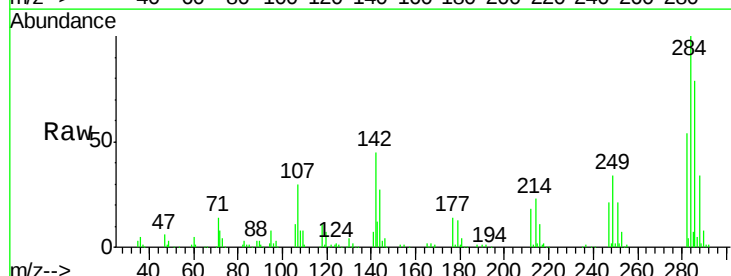
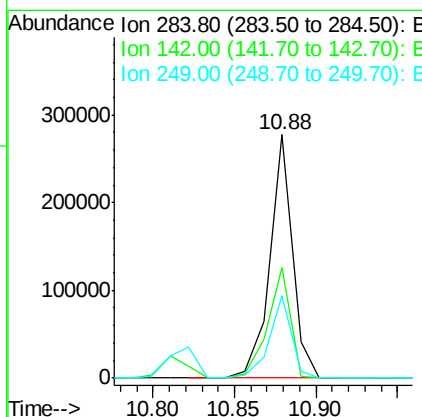
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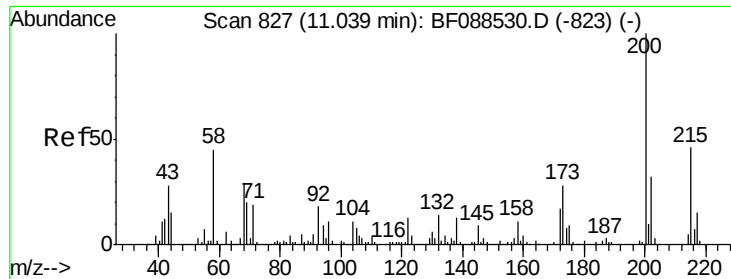
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#67
Hexachlorobenzene
Concen: 37.35 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	45.2	35.8	53.8
249	33.8	25.8	38.6





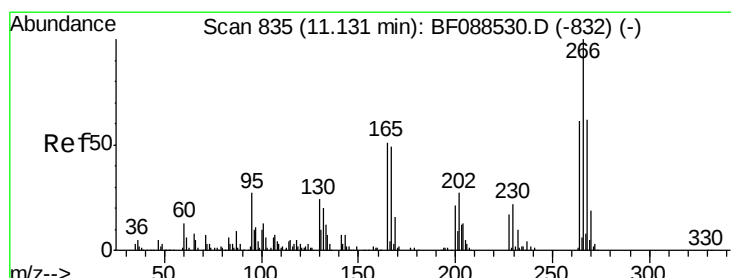
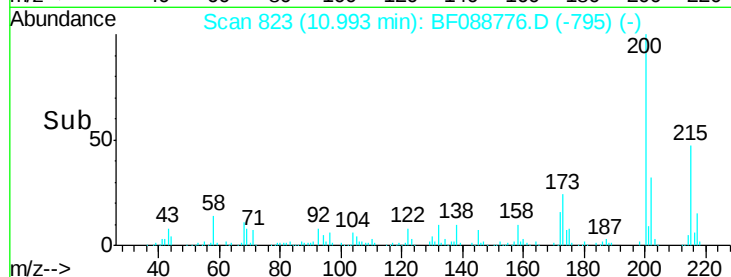
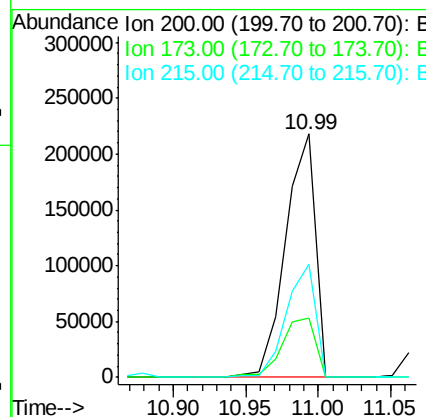
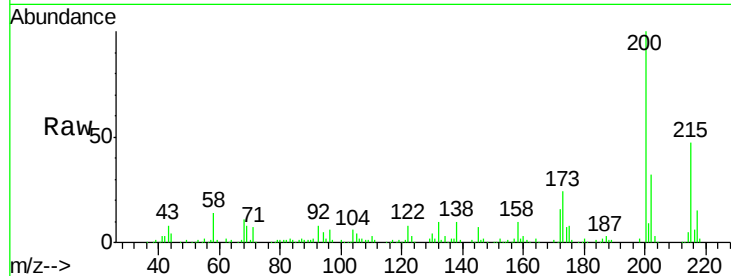
#68
Atrazine
Concen: 45.57 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.02 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	310641		
173	24.5	4.0	44.0	
215	46.5	29.3	69.3	

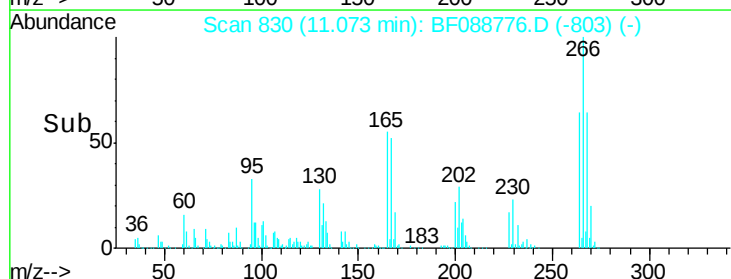
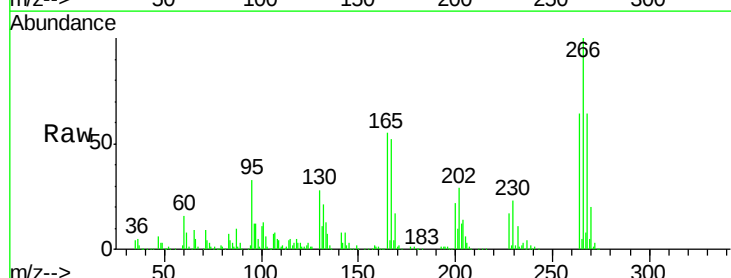
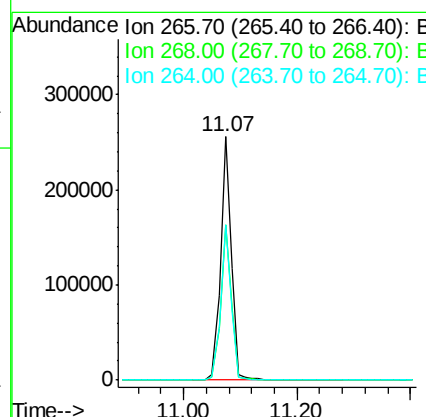
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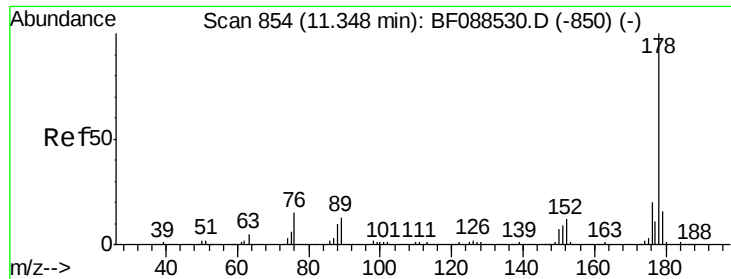
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#69
Pentachlorophenol
Concen: 78.27 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	334042		
268	63.9	52.8	79.2	
264	63.8	49.6	74.4	





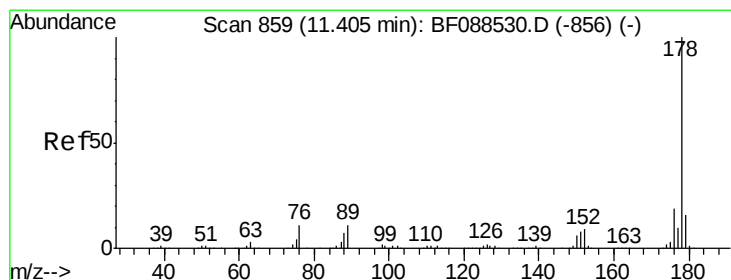
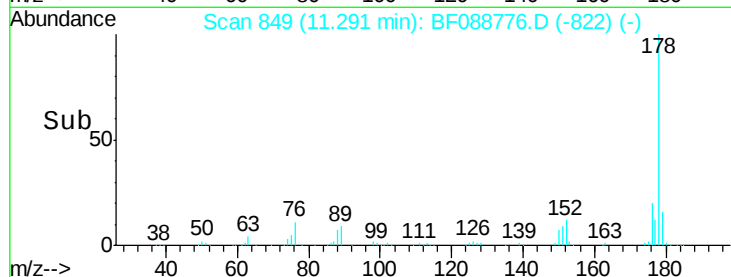
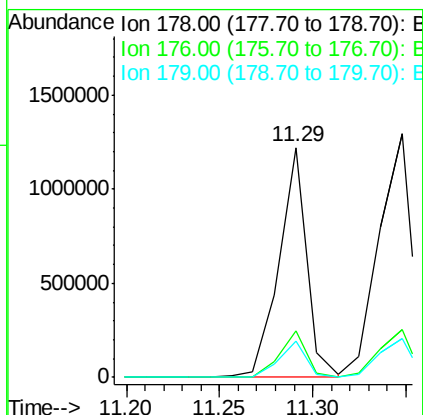
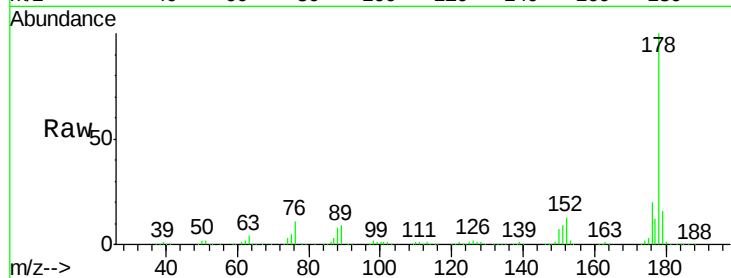
#70
Phenanthrene
Concen: 35.62 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:178 Resp: 1258805
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.6
179 16.0 13.0 19.4

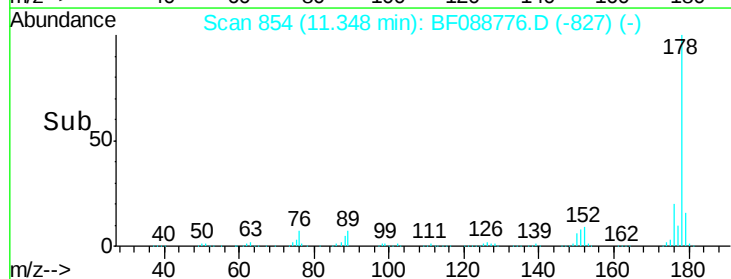
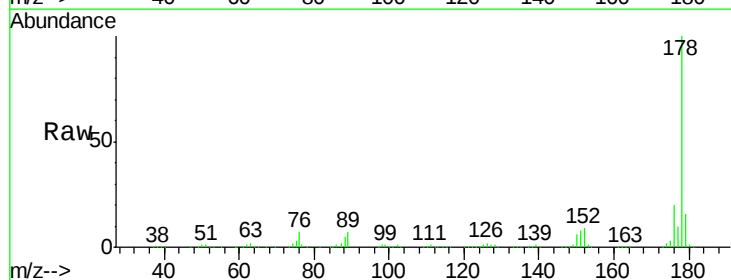
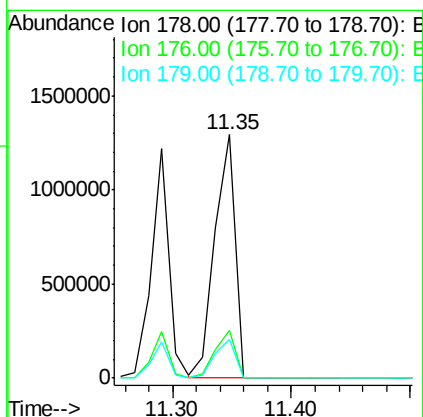
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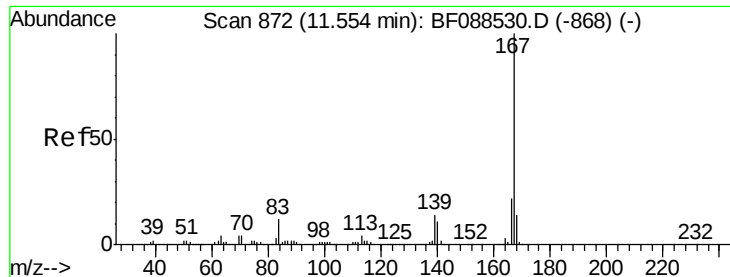
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#71
Anthracene
Concen: 43.25 ng
RT: 11.35 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:178 Resp: 1519750
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.7 12.8 19.2





#72

Carbazole

Concen: 35.18 ng

RT: 11.50 min Scan# 867

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion:167 Resp: 1163359

Ion Ratio Lower Upper

167 100

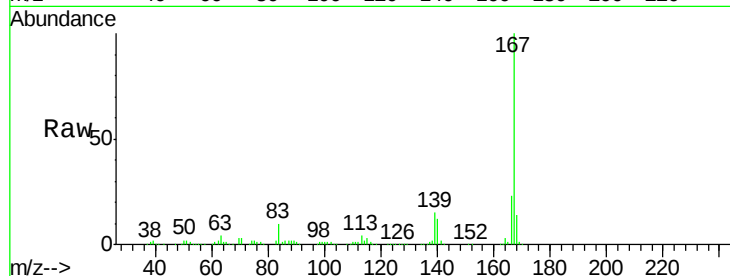
166 22.8 17.8 26.6

139 15.3 11.2 16.8

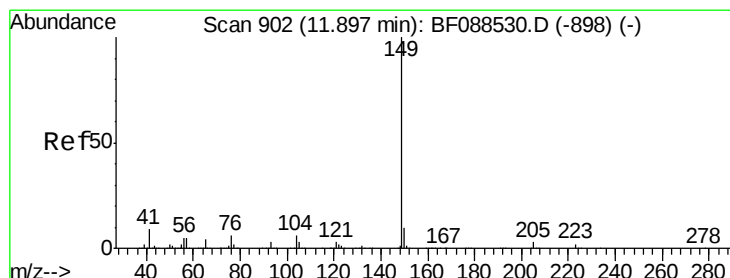
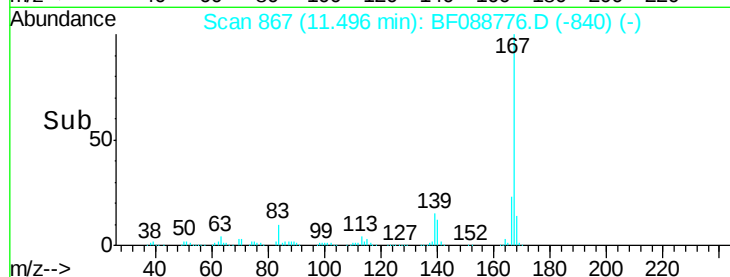
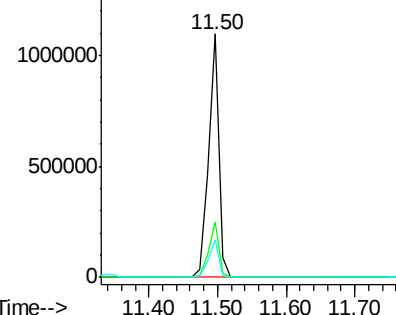
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
1500000
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 45.35 ng

RT: 11.84 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

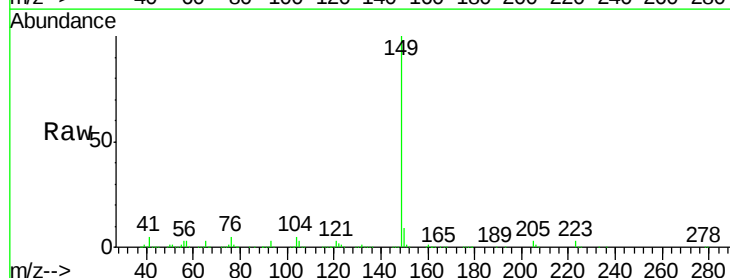
Tgt Ion:149 Resp: 1744548

Ion Ratio Lower Upper

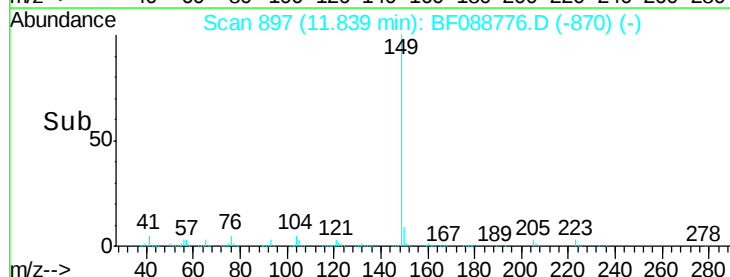
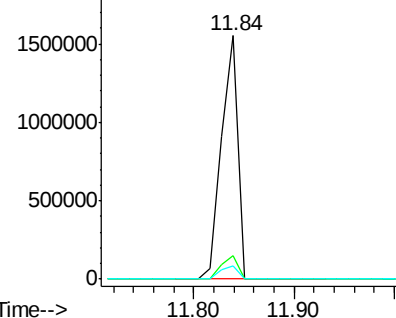
149 100

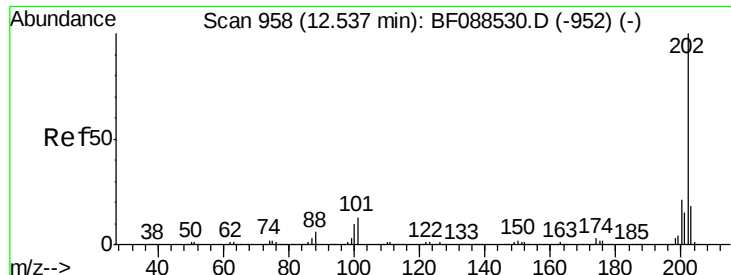
150 9.4 7.8 11.6

104 5.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





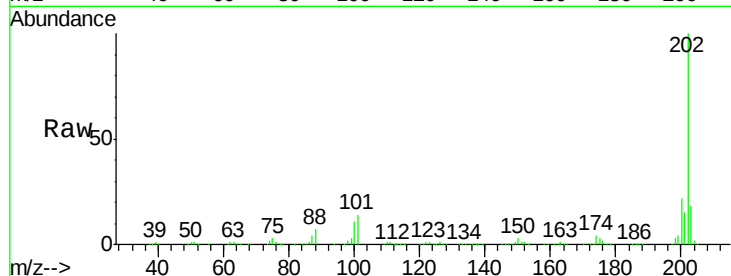
#74
Fluoranthene
 Concen: 34.76 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

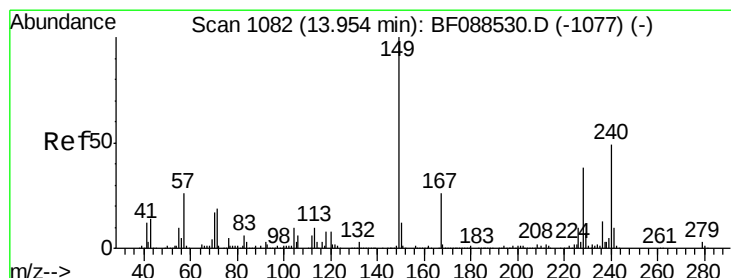
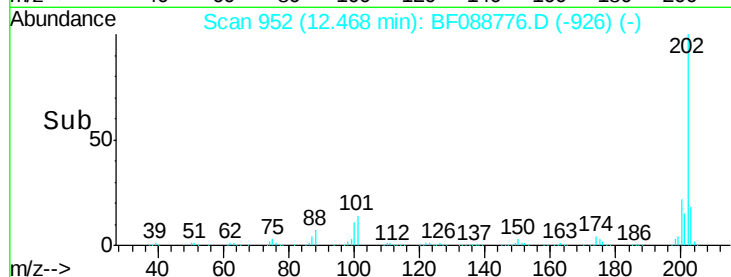
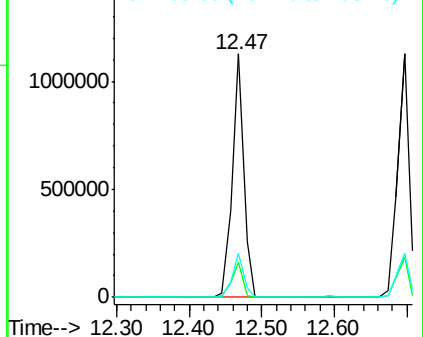
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	33.1
203	18.1	0.0	38.1

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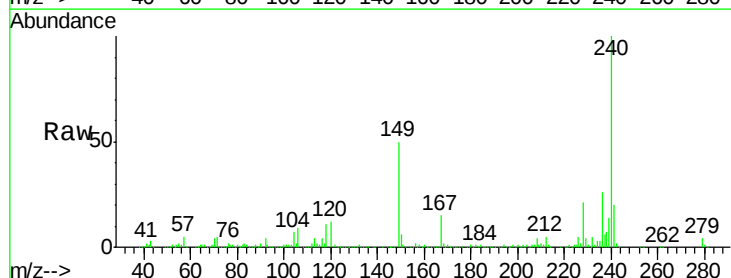


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

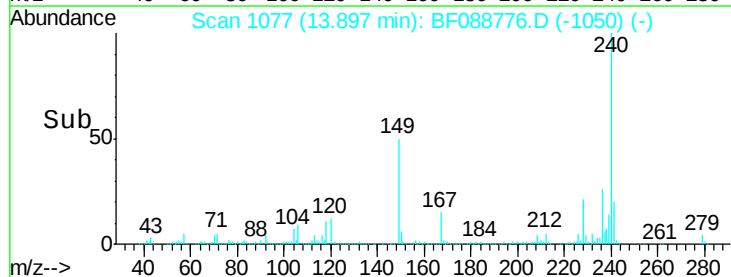
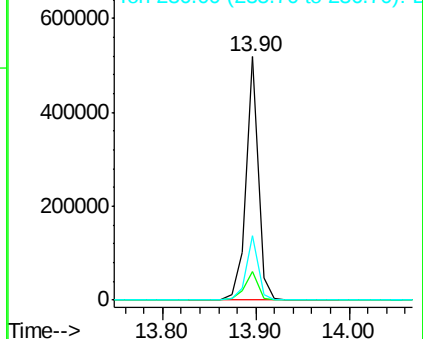


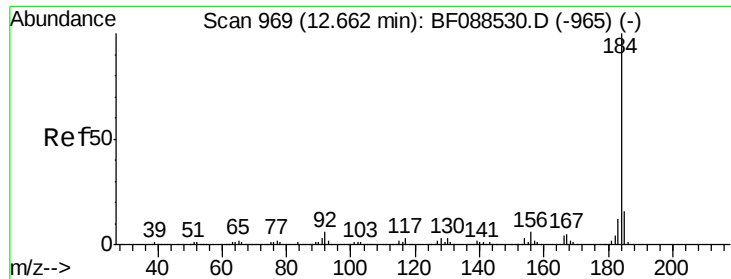
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	6.8	10.2#
236	26.2	20.2	30.2



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





#76

Benzidine

Concen: 35.94 ng

RT: 12.59 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

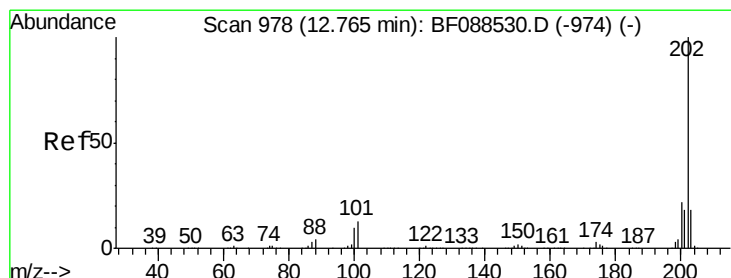
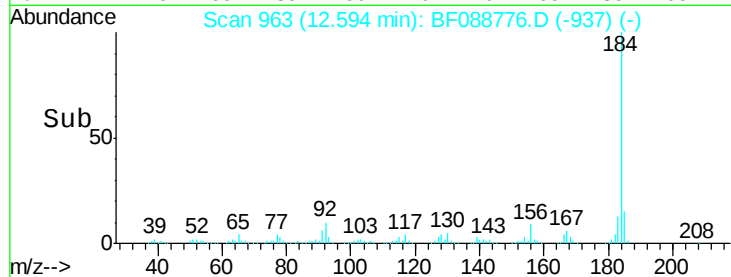
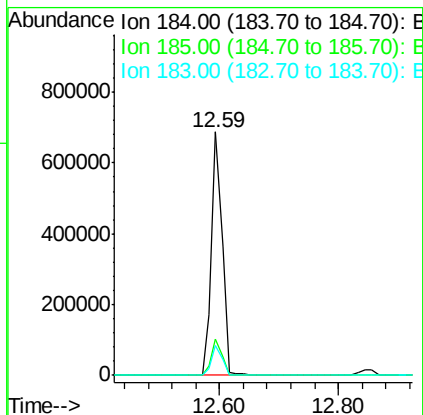
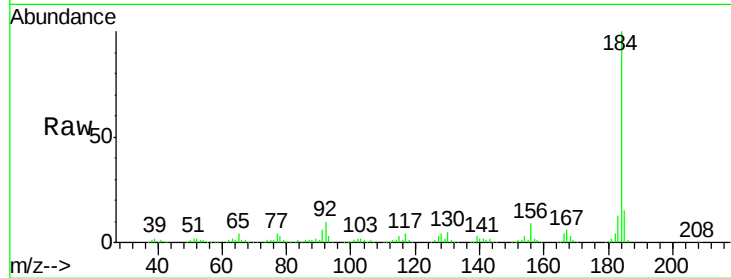
ClientSampleId :

PB91807BS

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.5	18.7
183	12.5	9.3	13.9

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#77

Pyrene

Concen: 31.70 ng

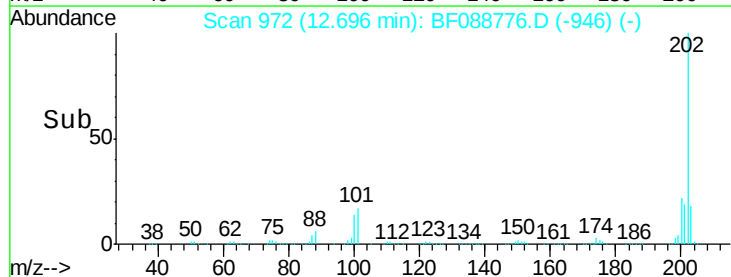
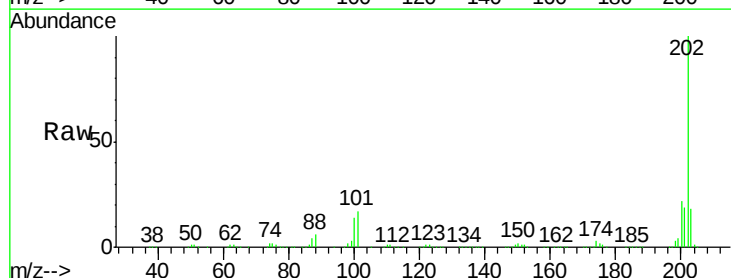
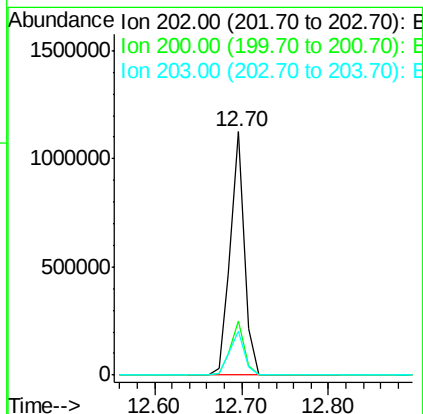
RT: 12.70 min Scan# 972

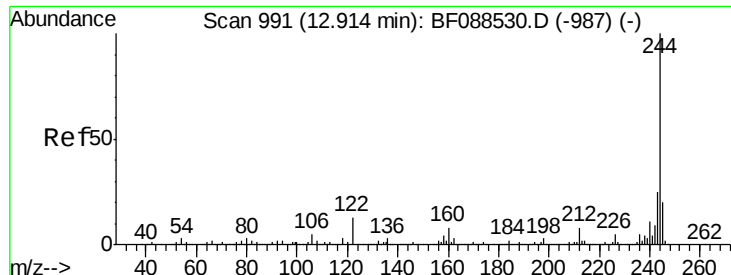
Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.3	14.5	21.7





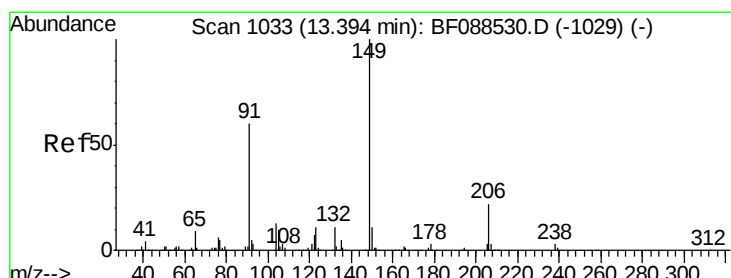
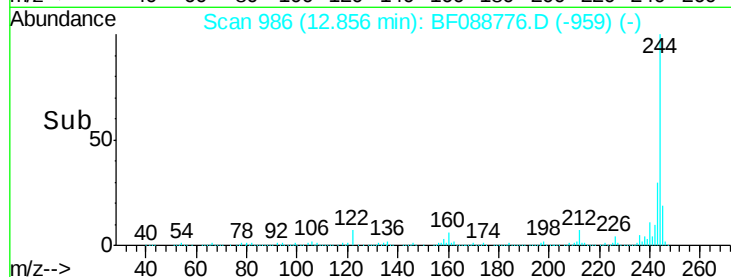
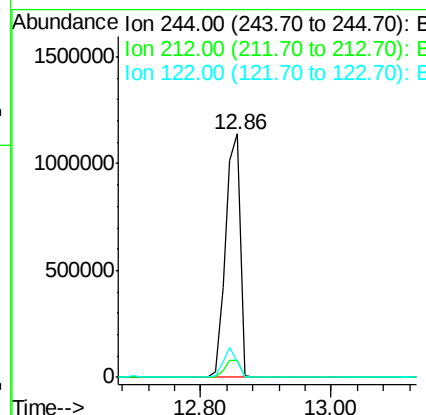
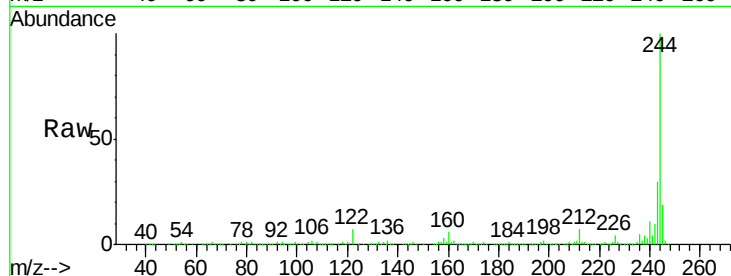
#78
 Terphenyl-d14
 Concen: 84.77 ng
 RT: 12.86 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion: 244 Resp: 1794853
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 6.6 11.2 16.8#

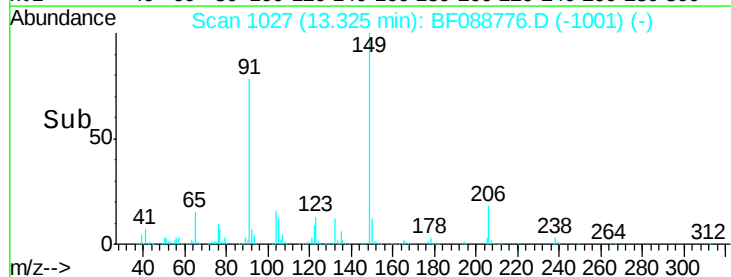
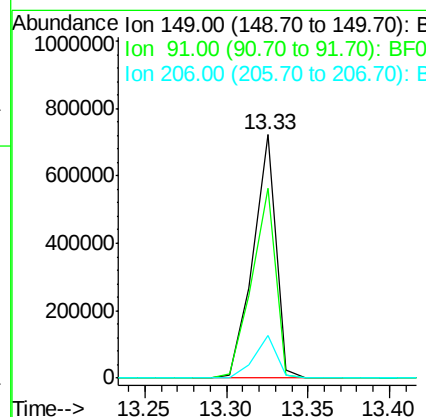
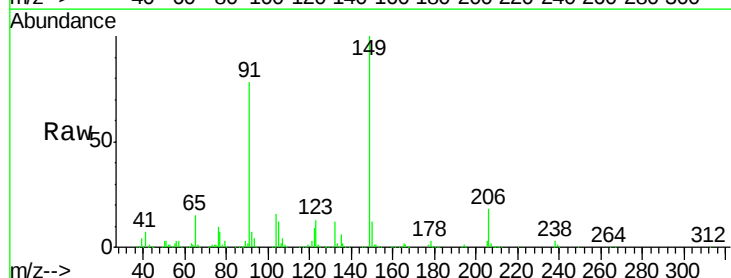
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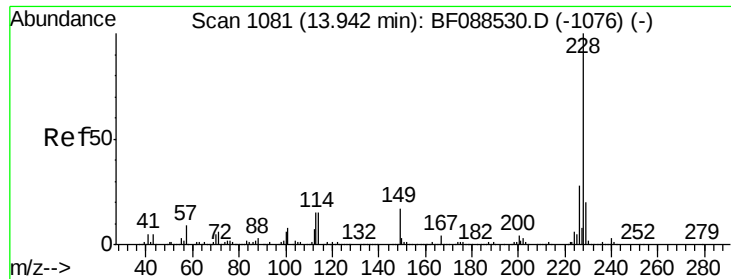
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#79
 Butylbenzylphthalate
 Concen: 39.34 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion: 149 Resp: 701722
 Ion Ratio Lower Upper
 149 100
 91 77.9 48.0 72.0#
 206 17.6 16.0 24.0





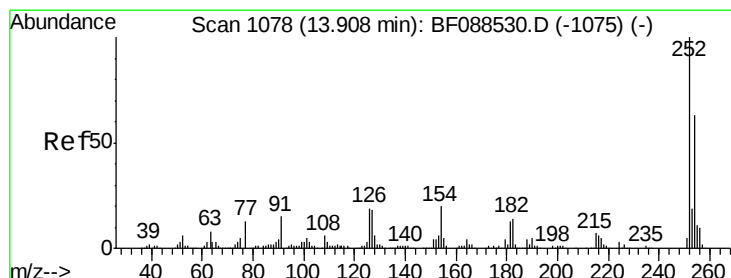
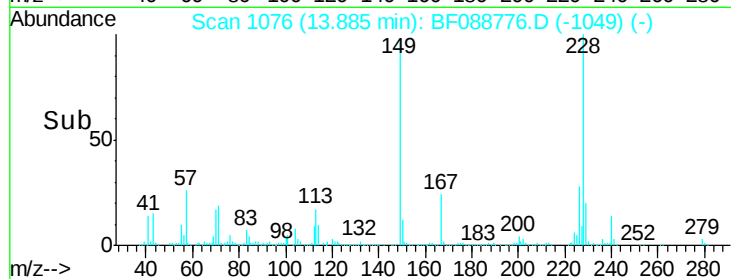
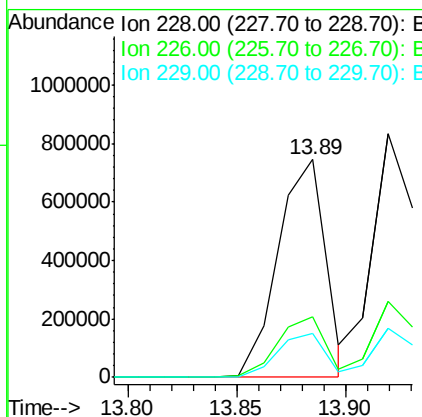
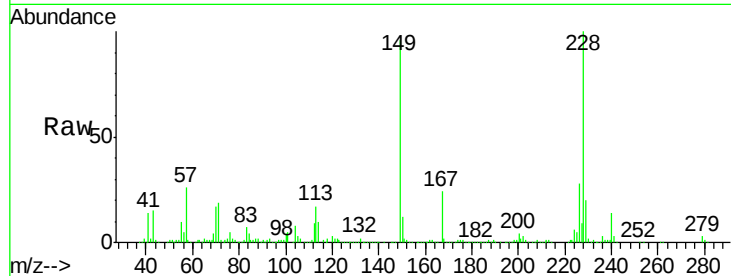
#80
Benzo(a)anthracene
Concen: 37.52 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion:228 Resp: 1139168
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 20.0 16.0 24.0

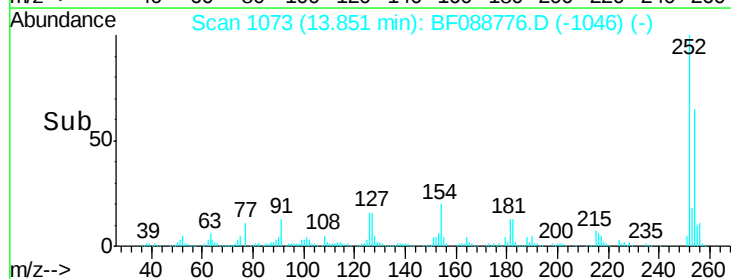
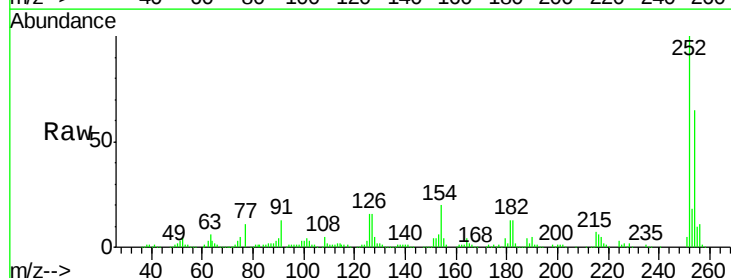
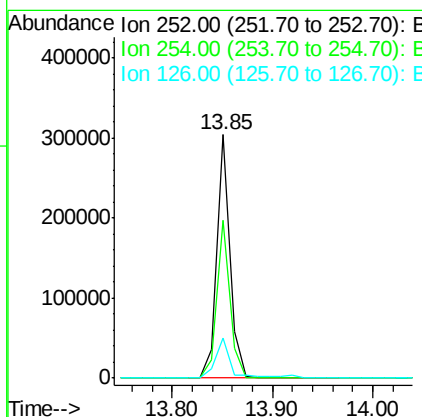
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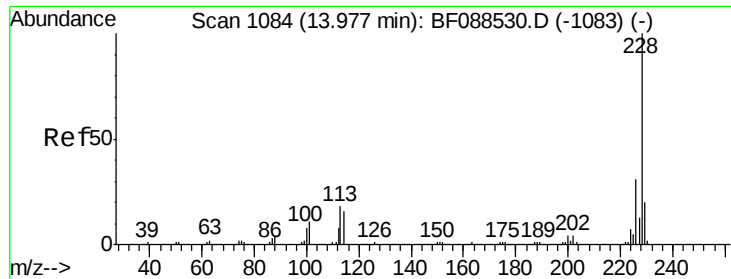
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#81
3,3'-Dichlorobenzidine
Concen: 24.23 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion:252 Resp: 276574
Ion Ratio Lower Upper
252 100
254 64.8 52.6 78.8
126 16.5 6.2 9.2#





#82

Chrysene

Concen: 37.42 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.01 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

Instrument :

BNA_F

ClientSampleId :

PB91807BS

Tgt Ion: 228 Resp: 1124191

Ion Ratio Lower Upper

228 100

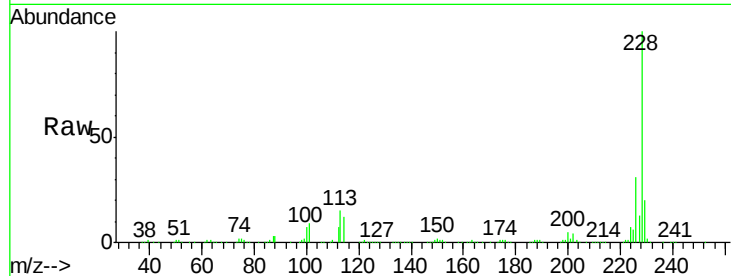
226 31.2 25.4 38.2

229 20.2 16.3 24.5

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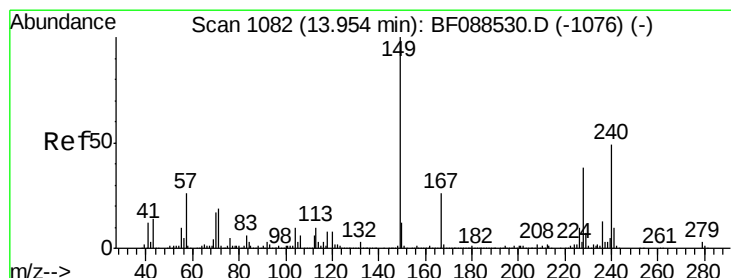
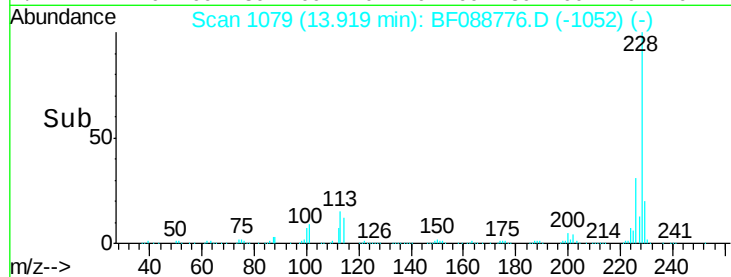
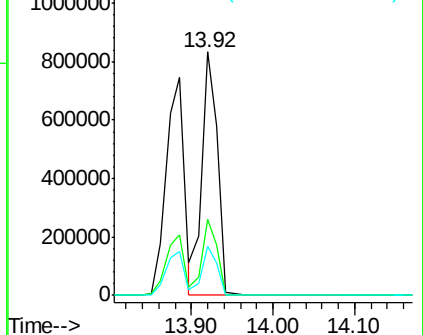
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.64 ng

RT: 13.89 min Scan# 1076

Delta R.T. 0.00 min

Lab File: BF088776.D

Acq: 7 Jul 2016 13:15

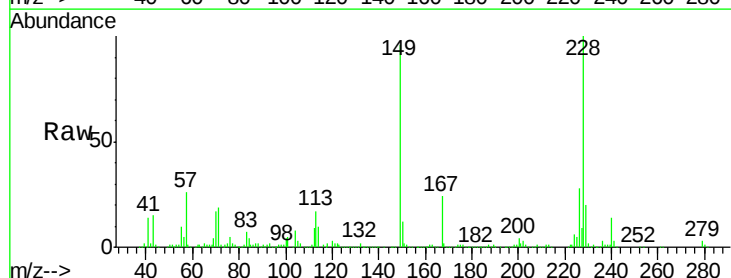
Tgt Ion: 149 Resp: 766505

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

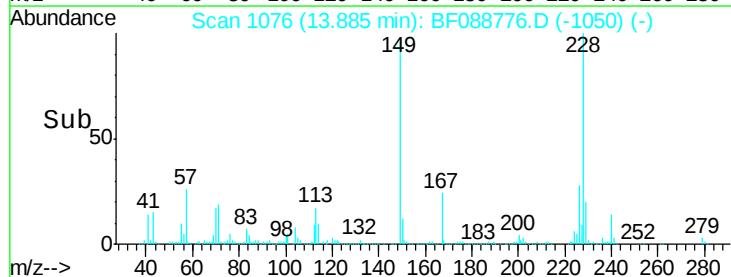
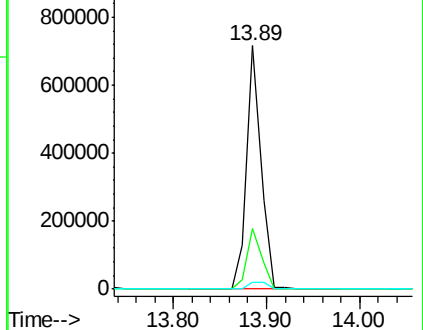
279 3.0 2.0 3.0#

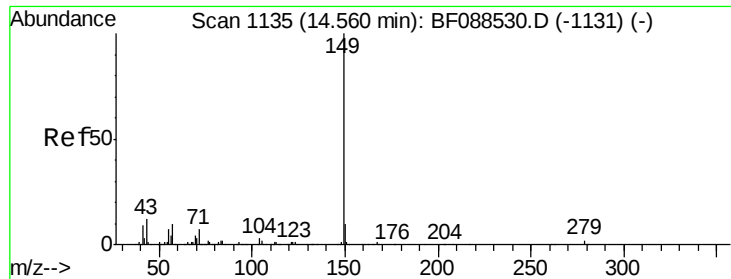


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





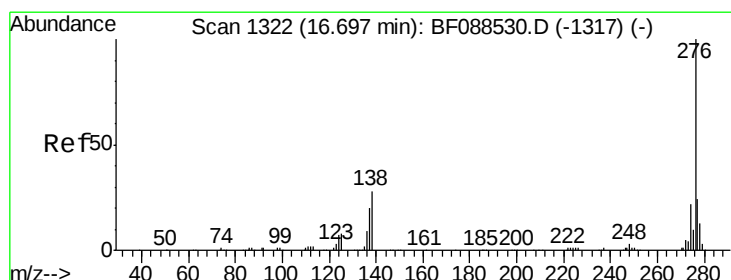
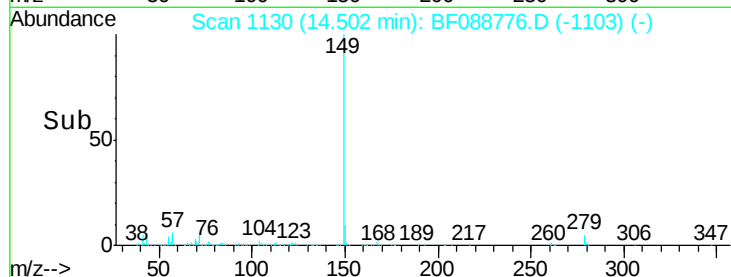
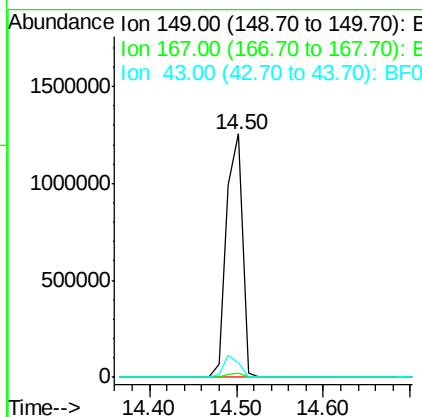
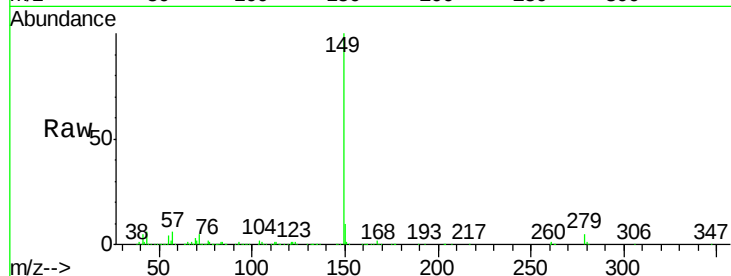
#84
 Di-n-octyl phthalate
 Concen: 46.61 ng
 RT: 14.50 min Scan# 1130
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.7	0.0	0.0#

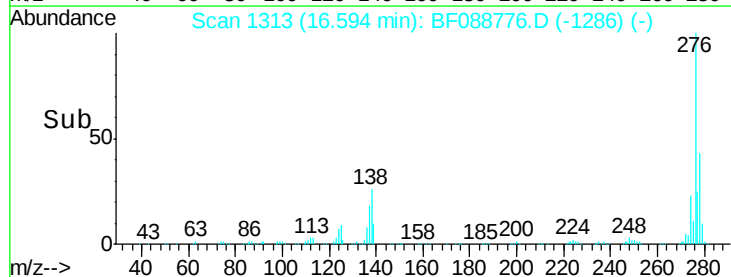
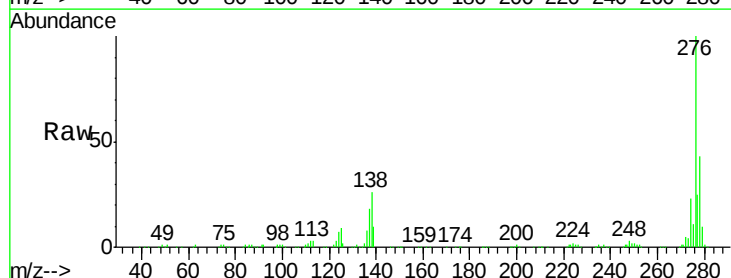
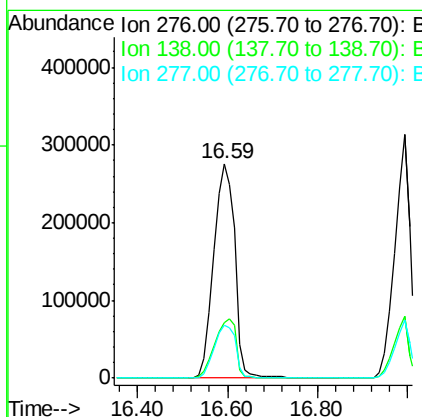
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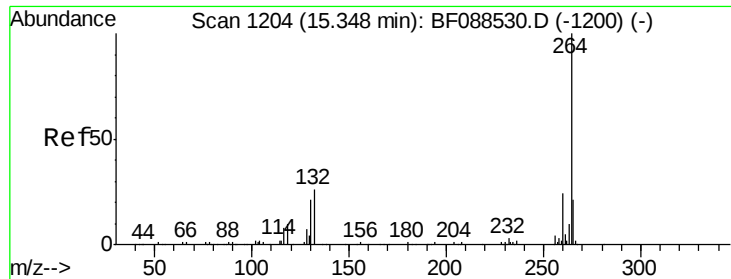
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.13 ng
 RT: 16.59 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	0.0#
277	25.5	0.0	0.0#





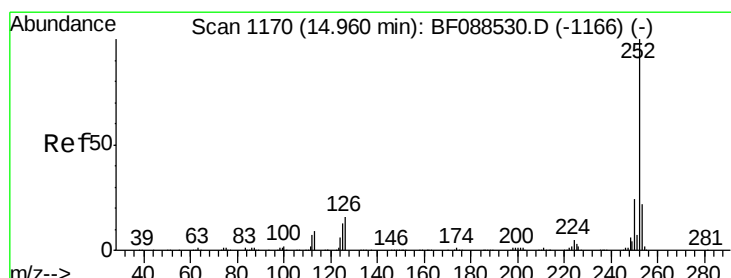
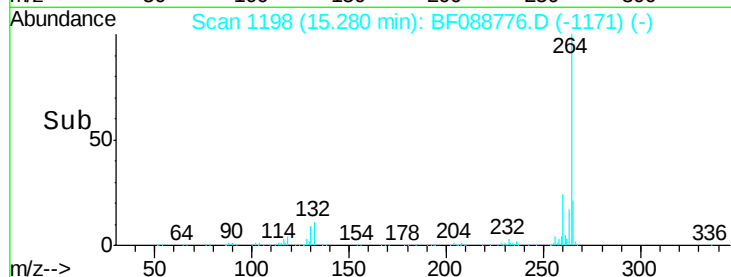
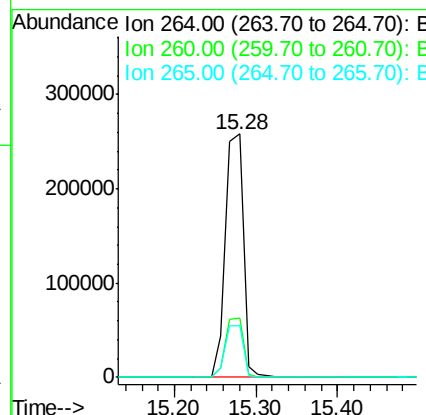
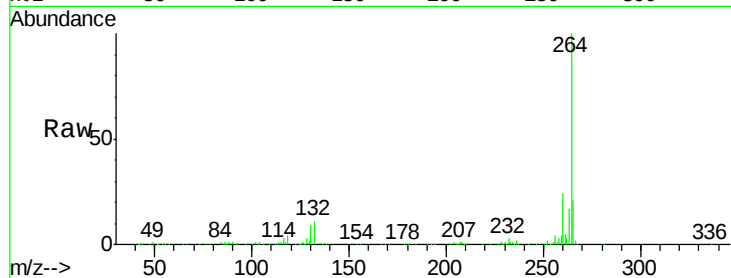
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	16.9	25.3

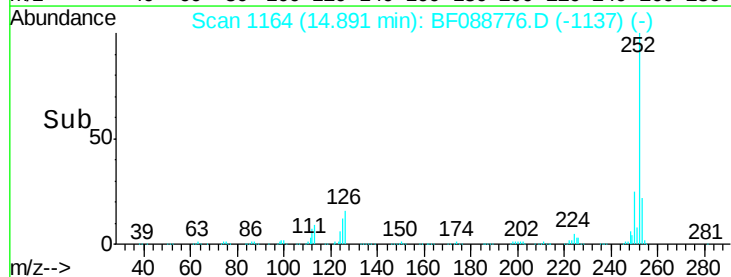
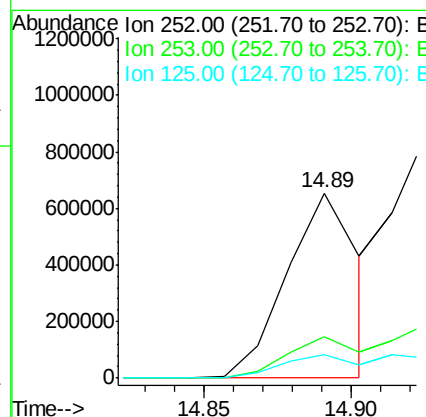
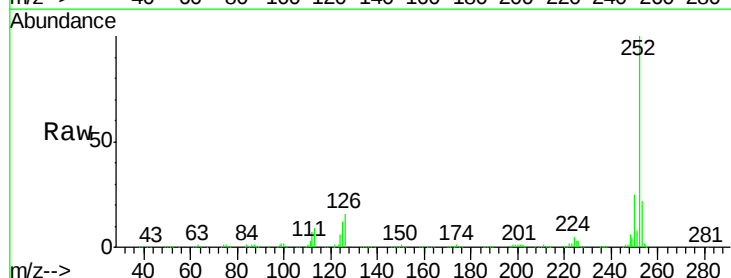
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#87
Benzo(b)fluoranthene
Concen: 44.87 ng m
RT: 14.89 min Scan# 1164
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	12.5	7.1	10.7#





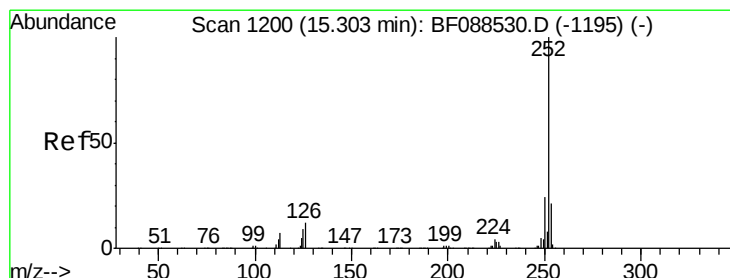
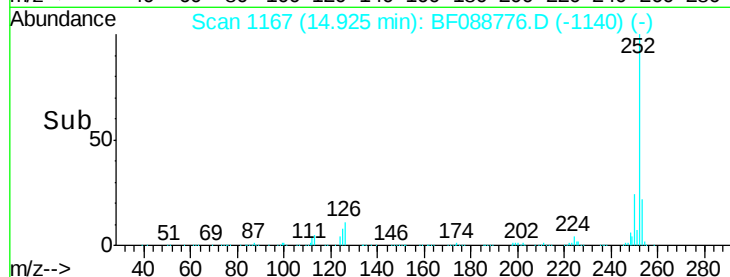
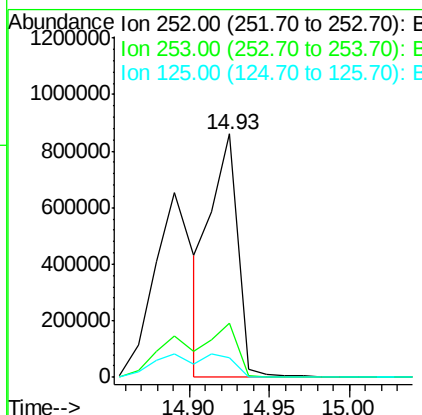
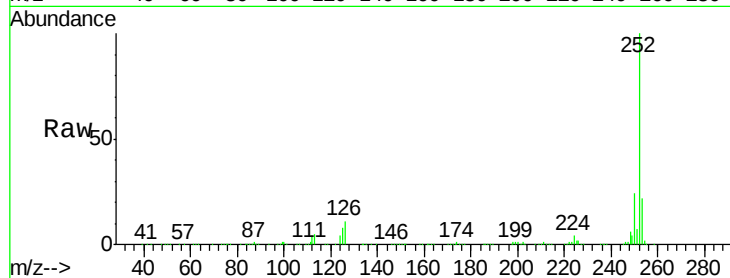
#88
Benzo(k)fluoranthene
Concen: 47.88 ng m
RT: 14.93 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Instrument :
BNA_F
ClientSampleId :
PB91807BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	7.9	11.2	16.8

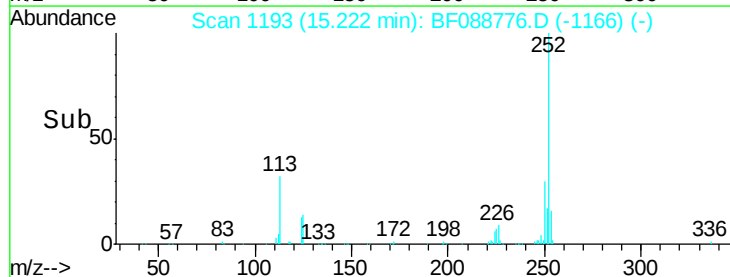
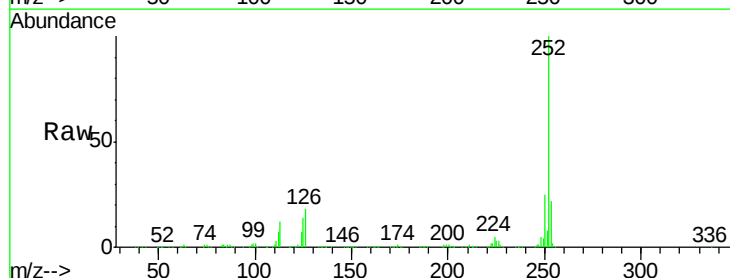
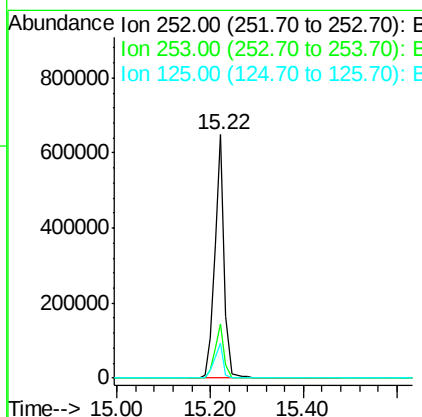
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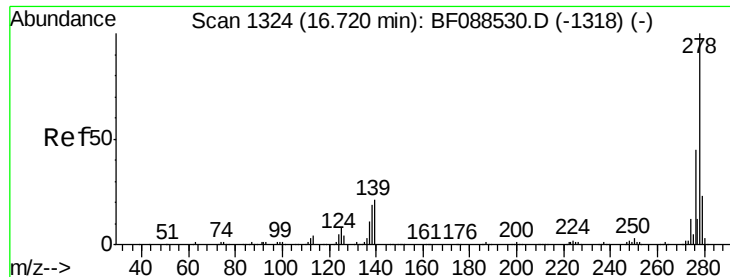
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#89
Benzo(a)pyrene
Concen: 43.23 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088776.D
Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.2	12.5	18.7





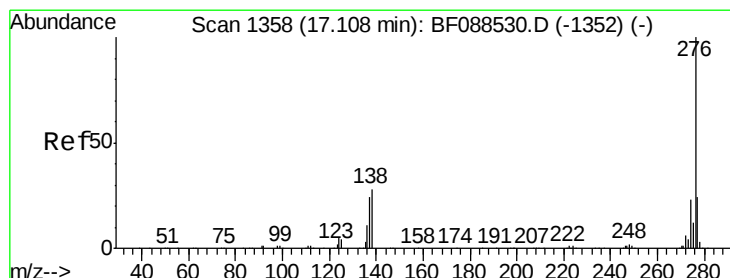
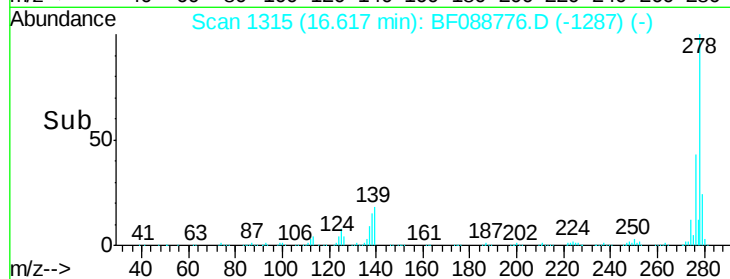
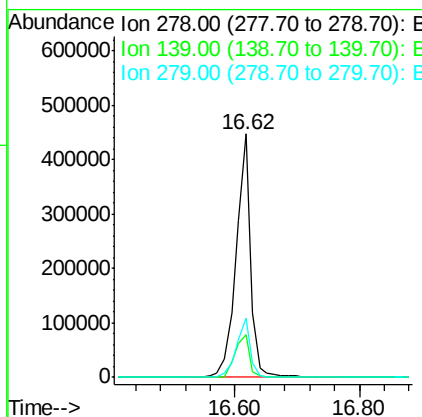
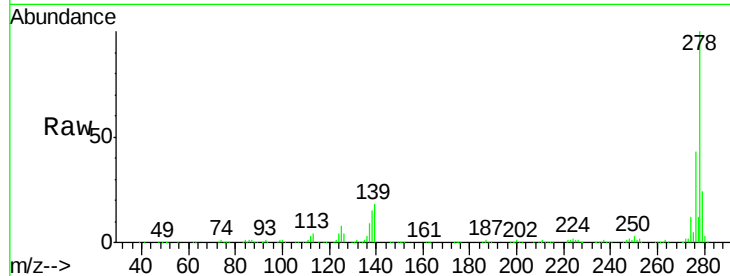
#90
 Dibenzo(a,h)anthracene
 Concen: 42.00 ng
 RT: 16.62 min Scan# 1315
 Delta R.T. 0.02 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91807BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.7	23.5
279	24.2	19.4	29.2

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#91
 Benzo(g,h,i)perylene
 Concen: 41.46 ng
 RT: 16.99 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF088776.D
 Acq: 7 Jul 2016 13:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.2	21.4	32.2

