

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075515.D
 Acq On : 15 Nov 2014 1:17
 Operator : TP / JJ
 Sample : PB80189BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BSD

Manual Integrations
 APPROVED

mohammad
 11/17/2014 7:35:04 PM

Quant Time: Nov 16 04:20:14 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	53502	20.00	ng	-0.02
21) Naphthalene-d8	9.13	136	225555	20.00	ng	-0.02
38) Acenaphthene-d10	11.32	164	116397	20.00	ng	-0.02
63) Phenanthrene-d10	13.16	188	191430	20.00	ng	-0.03
75) Chrysene-d12	16.46	240	205313	20.00	ng	-0.08
86) Perylene-d12	18.22	264	190561	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	253047	83.56	ng	-0.02
7) Phenol-d6	7.09	99	302536	83.07	ng	-0.02
23) Nitrobenzene-d5	8.24	82	278558	90.54	ng	-0.02
41) 2,4,6-Tribromophenol	12.29	330	74931	76.86	ng	-0.03
44) 2-Fluorobiphenyl	10.48	172	540122	83.85	ng	-0.01
78) Terphenyl-d14	15.16	244	598507m	78.48	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	47593	37.43	ng	97
3) Pyridine	3.28	79	100559m	29.44	ng	
4) n-Nitrosodimethylamine	3.19	42	69440m	38.40	ng	
6) Aniline	7.13	93	83165	15.81	ng	98
8) 2-Chlorophenol	7.28	128	135953	38.79	ng	98
10) Phenol	7.11	94	179813	40.47	ng	84
11) bis(2-Chloroethyl)ether	7.24	93	140525	41.76	ng	# 80
12) 1,3-Dichlorobenzene	7.48	146	144917	37.94	ng	98
13) 1,4-Dichlorobenzene	7.57	146	145856	37.53	ng	98
14) 1,2-Dichlorobenzene	7.76	146	138893	38.12	ng	# 89
15) Benzyl Alcohol	7.73	79	111281	38.92	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.91	45	273972	39.33	ng	93
17) 2-Methylphenol	7.86	107	115068	39.65	ng	96
18) Hexachloroethane	8.17	117	50853	38.16	ng	92
19) n-Nitroso-di-n-propylamine	8.06	70	99883	40.25	ng	94
20) 3+4-Methylphenols	8.06	107	149141	39.25	ng	92
22) Acetophenone	8.06	105	196603	40.41	ng	99
24) Nitrobenzene	8.26	77	151969	42.62	ng	98
25) Isophorone	8.56	82	287048	40.87	ng	98
26) 2-Nitrophenol	8.65	139	63226	38.92	ng	97
27) 2,4-Dimethylphenol	8.71	122	126275	40.11	ng	100
28) bis(2-Chloroethoxy)methane	8.84	93	180446	42.15	ng	98
29) 2,4-Dichlorophenol	8.95	162	113129	41.01	ng	96
30) 1,2,4-Trichlorobenzene	9.06	180	111400	38.46	ng	98
31) Naphthalene	9.16	128	421842	41.95	ng	99
32) Benzoic acid	8.79	122	69679	36.63	ng	94
33) 4-Chloroaniline	9.22	127	54129	12.39	ng	99
34) Hexachlorobutadiene	9.32	225	58583	37.43	ng	98
35) Caprolactam	9.64	113	37614	41.15	ng	98
36) 4-Chloro-3-methylphenol	9.82	107	115453	38.15	ng	94
37) 2-Methylnaphthalene	10.01	142	273159	39.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.22	216	101750	42.53	ng	98
40) Hexachlorocyclopentadiene	10.21	237	122333	84.17	ng	98
42) 2,4,6-Trichlorophenol	10.37	196	73039	38.39	ng	97

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.41	196	76623	38.67	nq	96
45) 1,1'-Biphenyl	10.60	154	324015	41.27	nq	99
46) 2-Chloronaphthalene	10.62	162	252843	41.19	nq	100
47) 2-Nitroaniline	10.75	65	81675	44.22	nq	88
48) Acenaphthylene	11.13	152	434633	42.94	nq	99
49) Dimethylphthalate	10.99	163	303004	38.08	nq	99
50) 2,6-Dinitrotoluene	11.05	165	65005	41.48	nq	# 82
51) Acenaphthene	11.35	154	277846	45.47	nq	98
52) 3-Nitroaniline	11.26	138	44717	24.20	nq	# 81
53) 2,4-Dinitrophenol	11.39	184	58842	70.64	nq	83
54) Dibenzofuran	11.57	168	363650	41.65	nq	93
55) 4-Nitrophenol	11.45	139	121708	82.39	nq	93
56) 2,4-Dinitrotoluene	11.56	165	87553	42.52	nq	92
57) Fluorene	11.99	166	289827	41.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.72	232	63687	40.49	nq	98
59) Diethylphthalate	11.87	149	298159	36.11	nq	96
60) 4-Chlorophenyl-phenylether	12.00	204	125099	41.20	nq	# 86
61) 4-Nitroaniline	12.01	138	75308	40.76	nq	83
62) Azobenzene	12.20	77	299126	41.18	nq	89
64) 4,6-Dinitro-2-methylphenol	12.05	198	38476	39.74	nq	# 56
65) n-Nitrosodiphenylamine	12.14	169	242934	40.12	nq	99
66) 4-Bromophenyl-phenylether	12.61	248	76426	42.44	nq	# 89
67) Hexachlorobenzene	12.68	284	85049	41.58	nq	# 82
68) Atrazine	12.81	200	75332	40.09	nq	96
69) Pentachlorophenol	12.92	266	103612	80.72	nq	96
70) Phenanthrene	13.19	178	446571	44.33	nq	99
71) Anthracene	13.26	178	457388	43.92	nq	98
72) Carbazole	13.45	167	424775	41.69	nq	99
73) Di-n-butylphthalate	13.90	149	510534	36.27	nq	100
74) Fluoranthene	14.67	202	464090	43.01	nq	98
76) Benzidine	14.84	184	141075m	21.61	nq	
77) Pyrene	14.95	202	475800m	39.86	nq	
79) Butylbenzylphthalate	15.76	149	227264	33.90	nq	# 80
80) Benzo(a)anthracene	16.45	228	449612	41.68	nq	98
81) 3,3'-Dichlorobenzidine	16.41	252	67967	17.07	nq	# 97
82) Chrysene	16.49	228	412005	44.17	nq	99
83) Bis(2-ethylhexyl)phthalate	16.48	149	329351	31.19	nq	# 99
84) Di-n-octyl phthalate	17.28	149	593865m	31.95	nq	
85) Indeno(1,2,3-cd)pyrene	19.79	276	490206m	43.32	nq	
87) Benzo(b)fluoranthene	17.76	252	444838	43.66	nq	# 93
88) Benzo(k)fluoranthene	17.79	252	429135m	46.93	nq	
89) Benzo(a)pyrene	18.15	252	420826	46.16	nq	98
90) Dibenzo(a,h)anthracene	19.82	278	424540	44.59	nq	98
91) Benzo(g,h,i)perylene	20.25	276	423405	46.68	nq	99

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

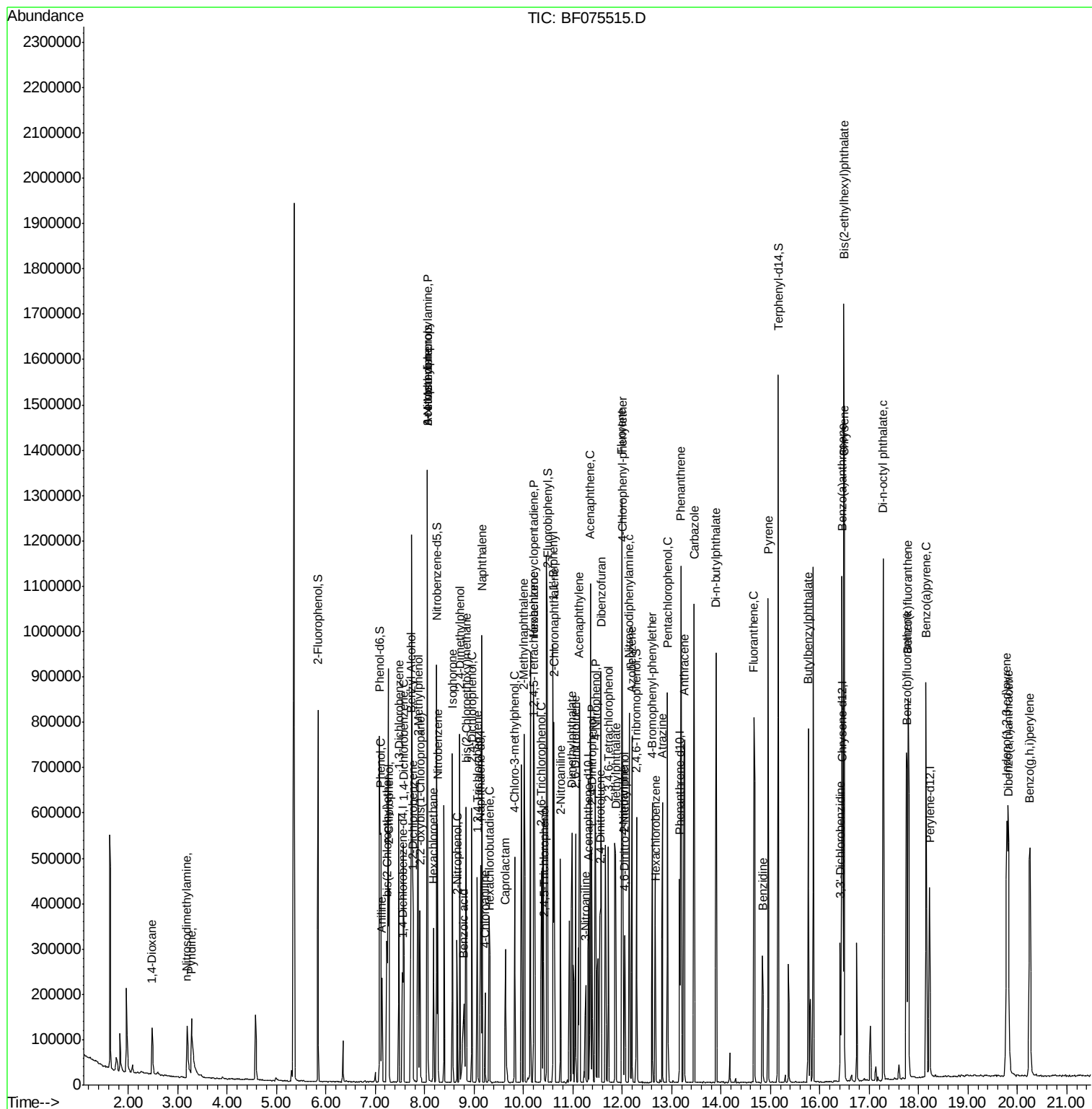
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Misc      :
ALS Vial  : 19    Sample Multiplier: 1
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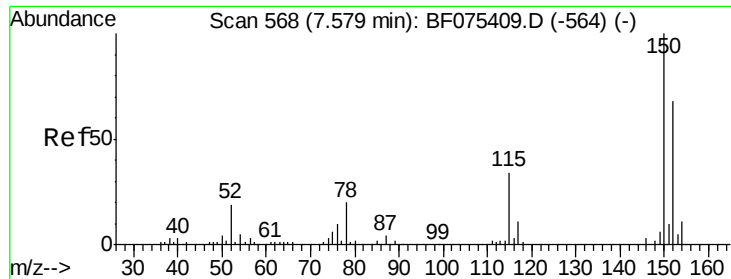
Instrument :
BNA_F
ClientSampleId :
PB80189BSD

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#1

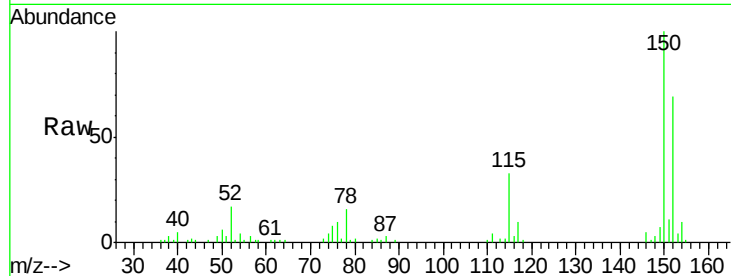
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

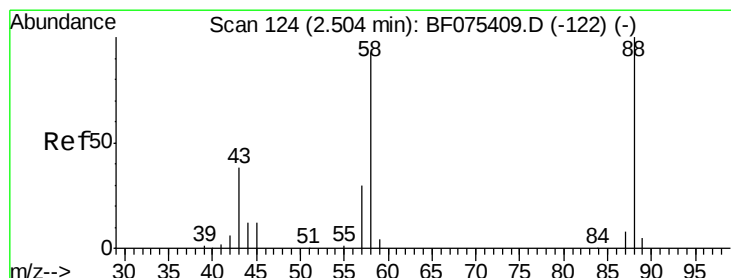
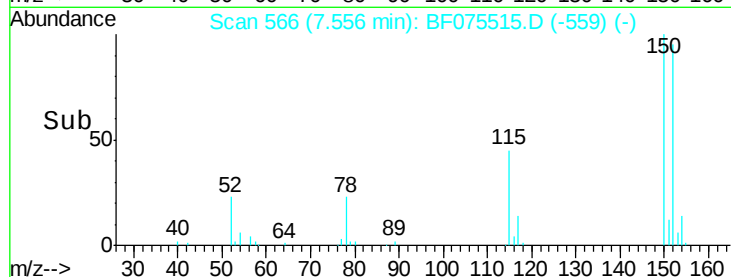
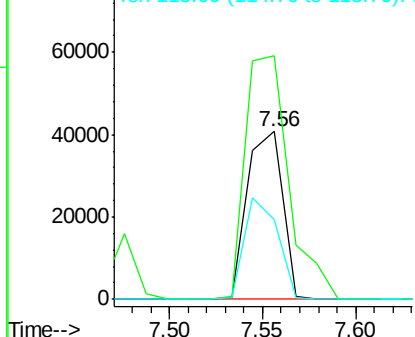
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.3	127.2	190.8
115	47.3	57.1	85.7

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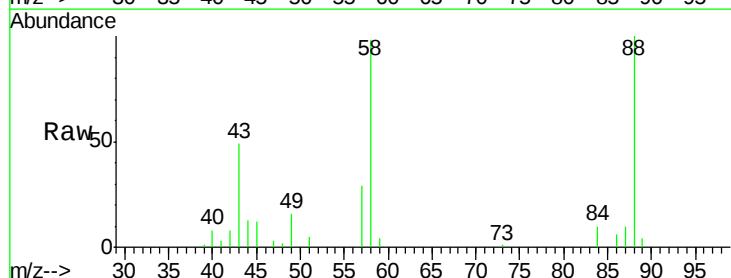
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Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



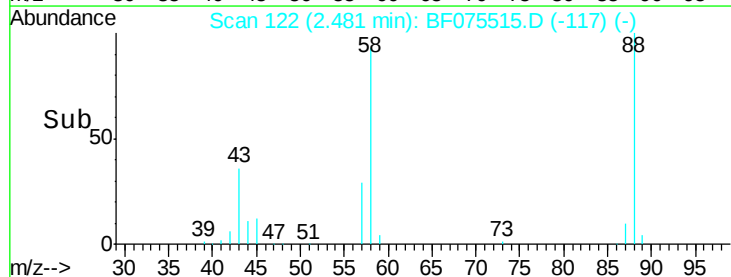
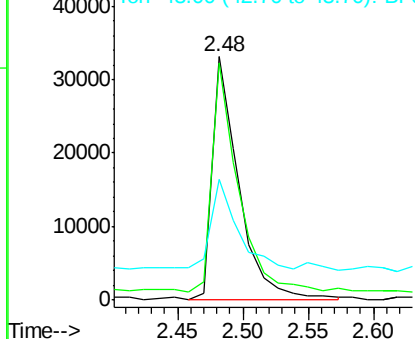
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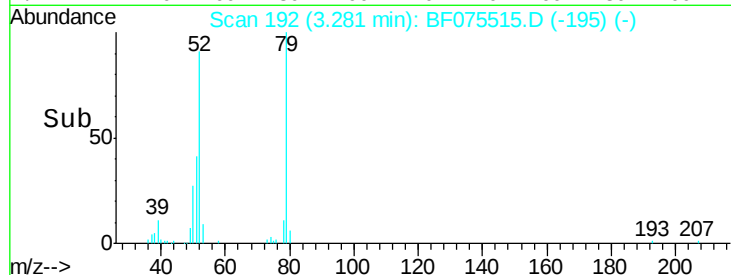
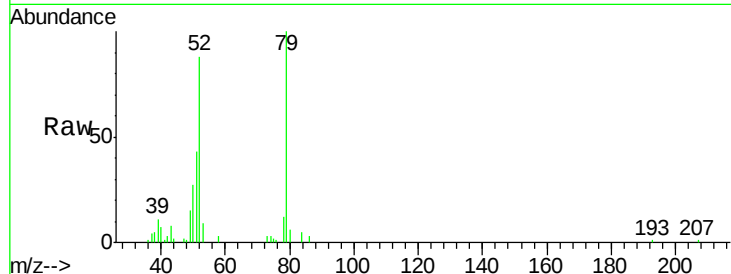
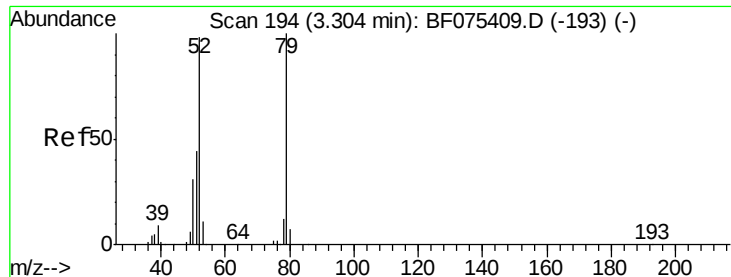
1,4-Dioxane
Concen: 37.43 ng
RT: 2.48 min Scan# 122
Delta R.T. -0.05 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	73.5	110.3
43	35.4	31.9	47.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





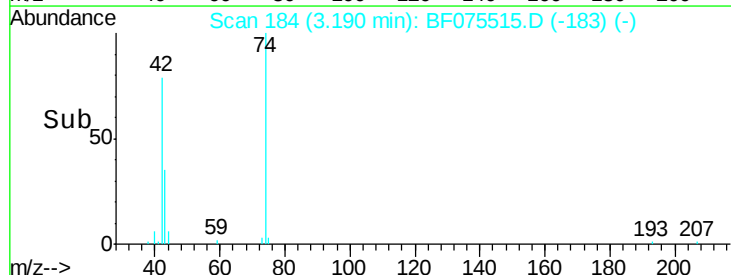
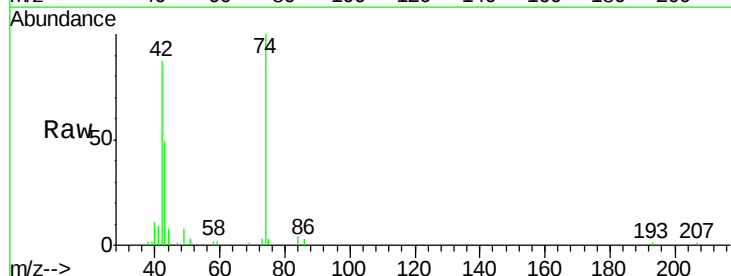
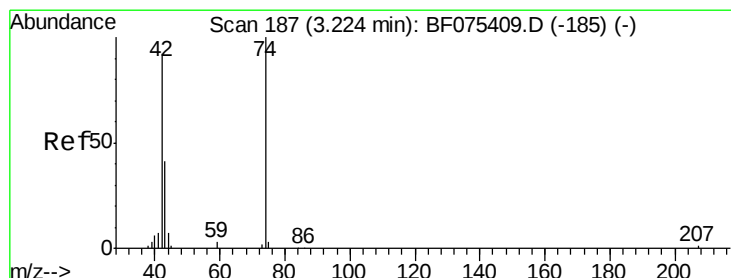
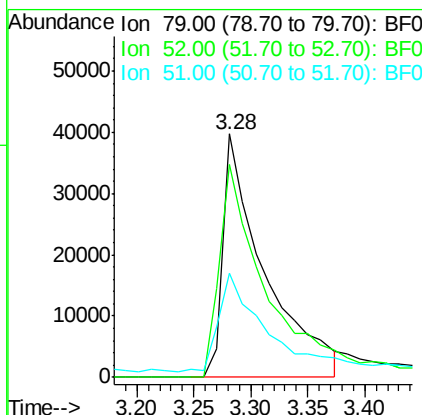
#3
 Pvridine
 Concen: 29.44 ng m
 RT: 3.28 min Scan# 192
 Delta R.T. -0.14 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tot Ion:	79	Resp:	100559
Ion Ratio	Lower	Upper	
79	100		
52	87.6	76.6	115.0
51	42.9	37.0	55.4

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 PB80189BSD

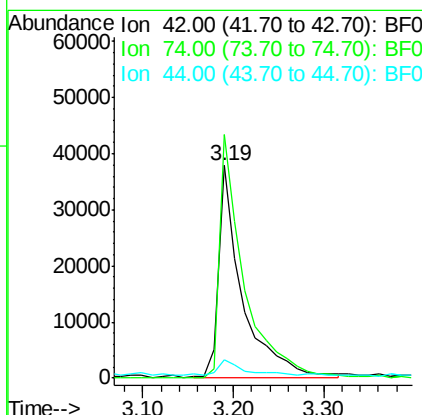
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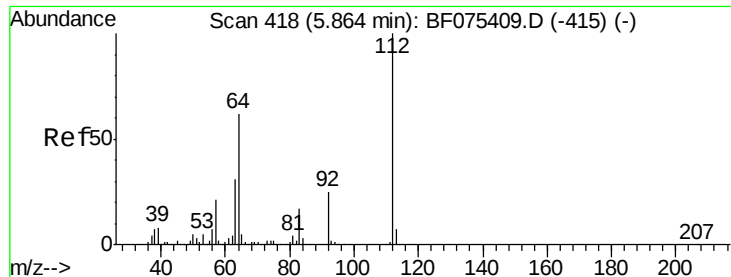
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#4
 n-Nitrosodimethylamine
 Concen: 38.40 ng m
 RT: 3.19 min Scan# 184
 Delta R.T. -0.09 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion:	42	Resp:	69440
Ion Ratio	Lower	Upper	
42	100		
74	114.5	82.4	123.6
44	8.7	8.2	12.4





#5

2-Fluorophenol

Concen: 83.56 ng

RT: 5.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

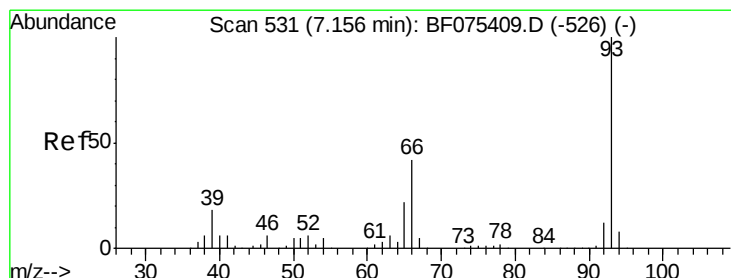
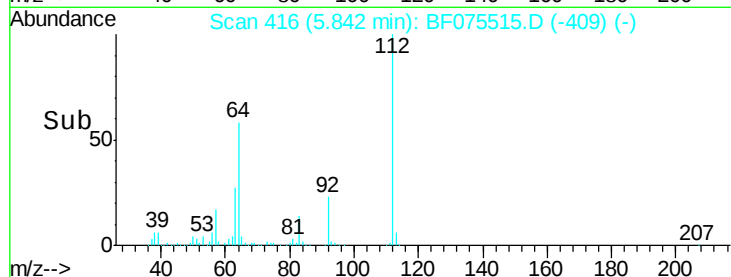
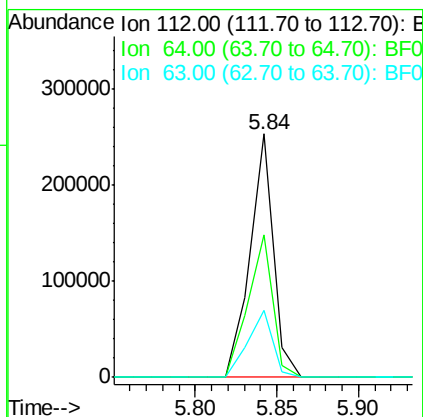
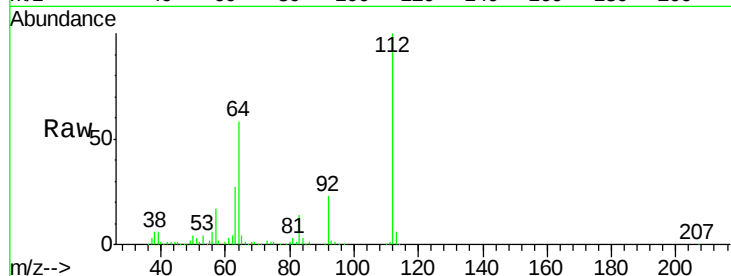
ClientSampleId :

PB80189BSD

Tot Ion:	112	Resp:	253047
Ion Ratio	Lower	Upper	
112	100		
64	58.3	45.8	68.6
63	27.4	22.7	34.1

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#6

Aniline

Concen: 15.81 ng

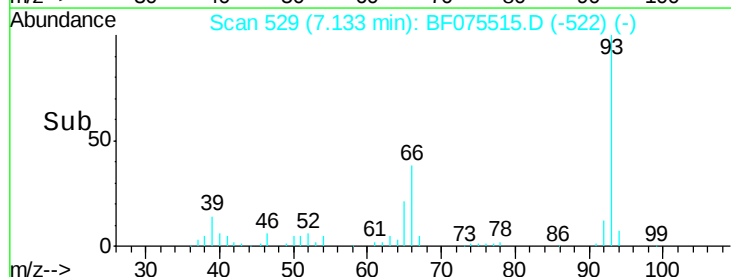
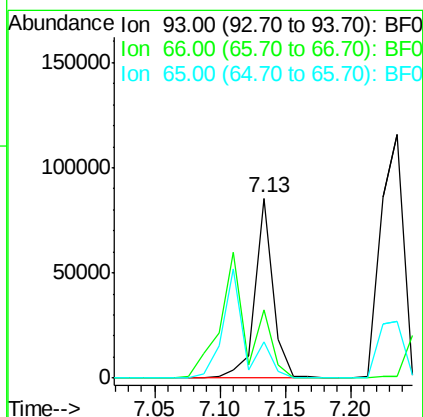
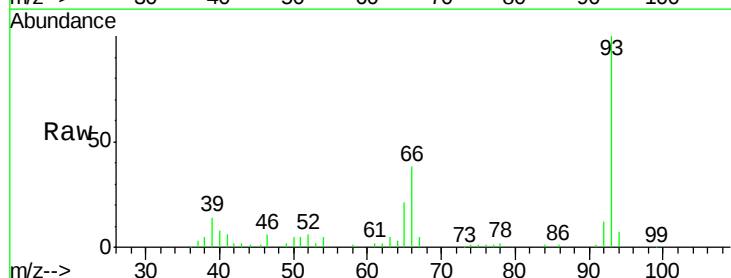
RT: 7.13 min Scan# 529

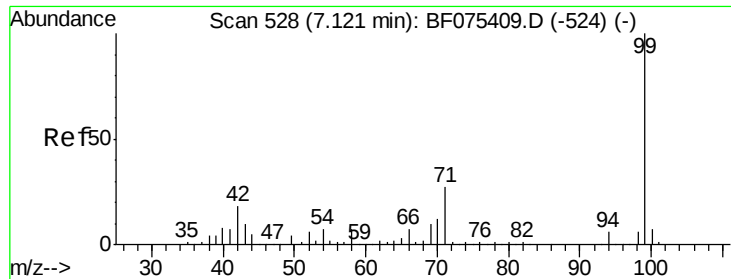
Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	93	Resp:	83165
Ion Ratio	Lower	Upper	
93	100		
66	37.7	31.8	47.8
65	20.5	16.6	25.0





#7

Phenol-d6

Concen: 83.07 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

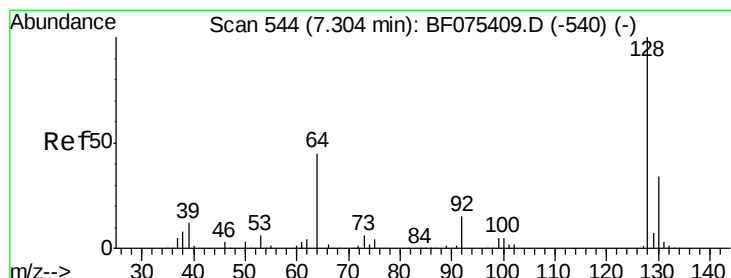
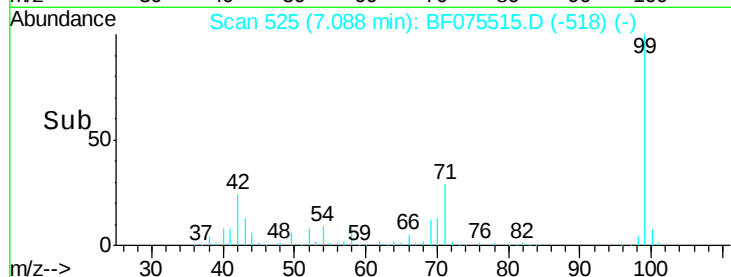
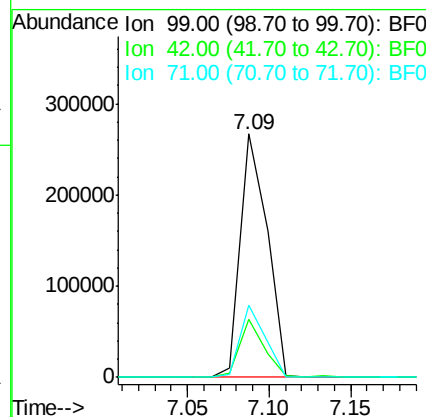
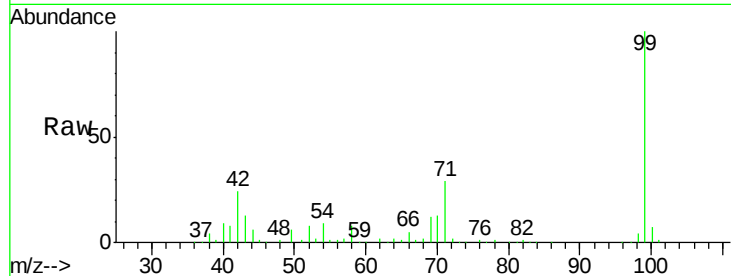
ClientSampleId :

PB80189BSD

Tot Ion:	99	Resp:	302536
Ion Ratio	Lower	Upper	
99	100		
42	23.6	19.8	29.6
71	29.4	25.5	38.3

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#8

2-Chlorophenol

Concen: 38.79 ng

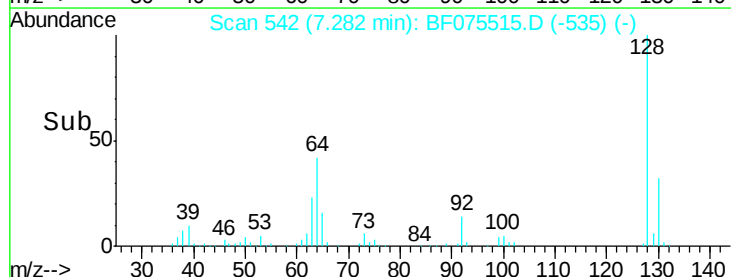
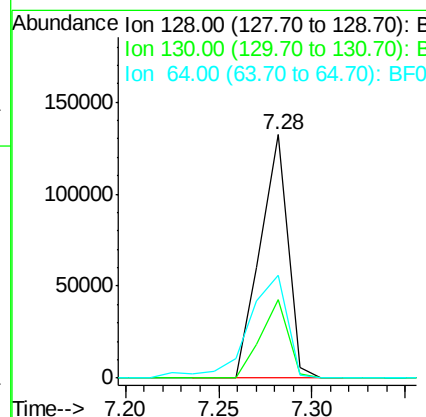
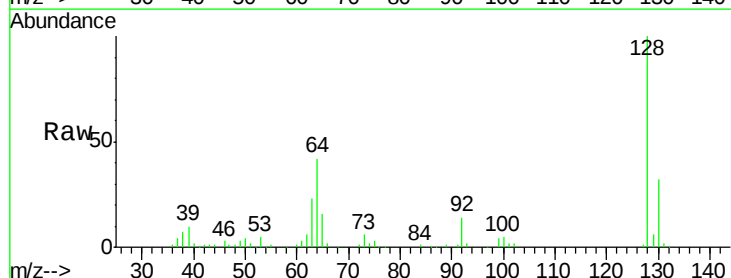
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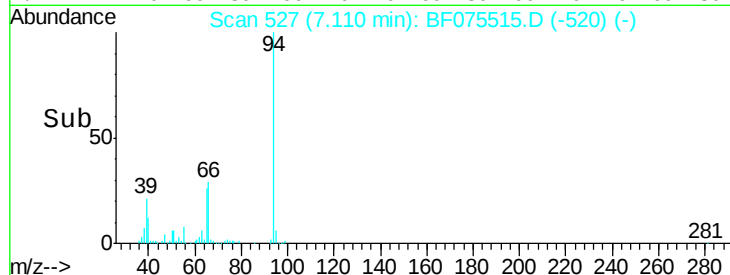
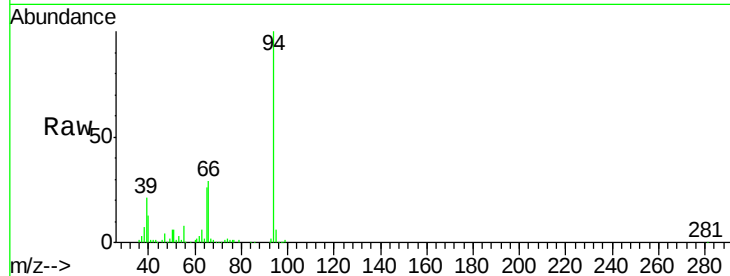
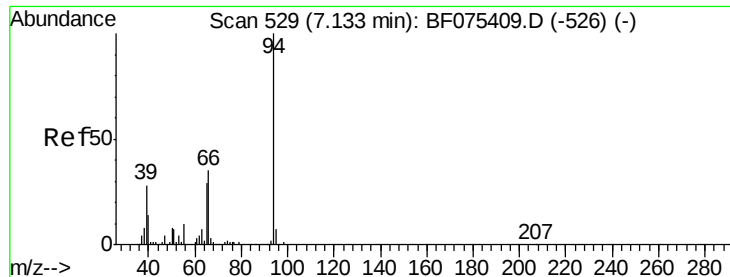
Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	128	Resp:	135953
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.7	52.7
64	42.4	20.3	60.3





#10

Phenol

Concen: 40.47 ng

RT: 7.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tot Ion:	94	Resp:	179813
Ion	Ratio	Lower	Upper
94	100		
65	25.6	13.1	53.1
66	29.3	20.8	60.8

Instrument :

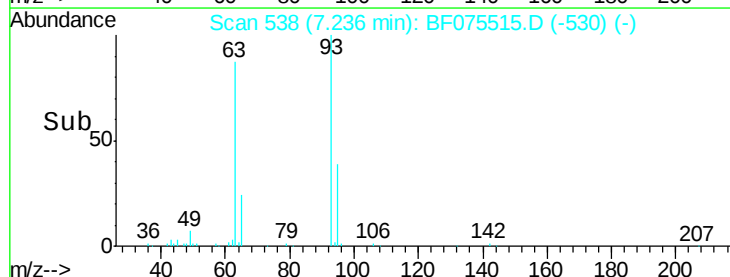
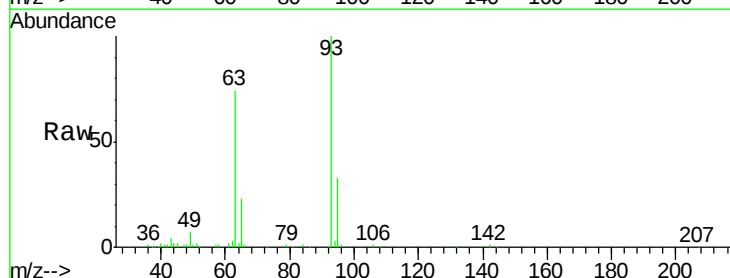
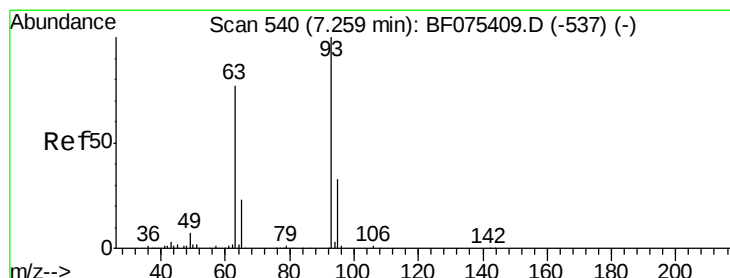
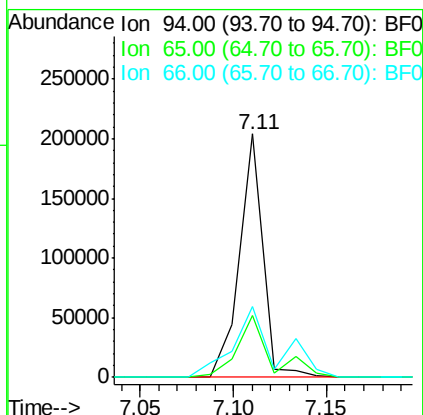
BNA_F

ClientSampleId :

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#11

bis(2-Chloroethyl)ether

Concen: 41.76 ng

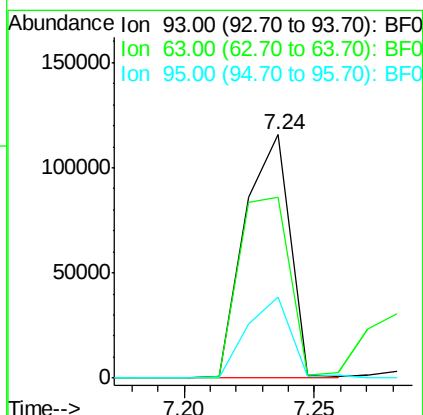
RT: 7.24 min Scan# 538

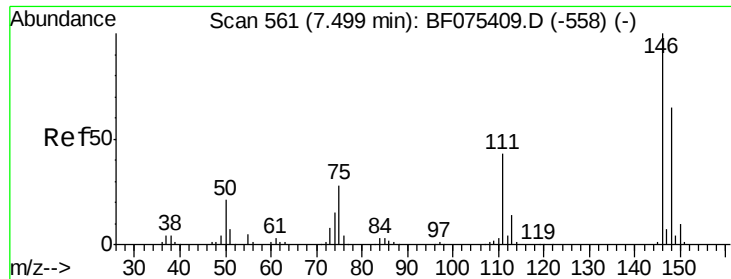
Delta R.T. -0.01 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	93	Resp:	140525
Ion	Ratio	Lower	Upper
93	100		
63	74.1	79.8	119.8#
95	33.2	11.2	51.2





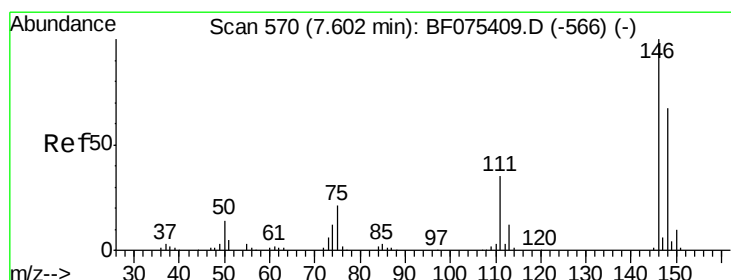
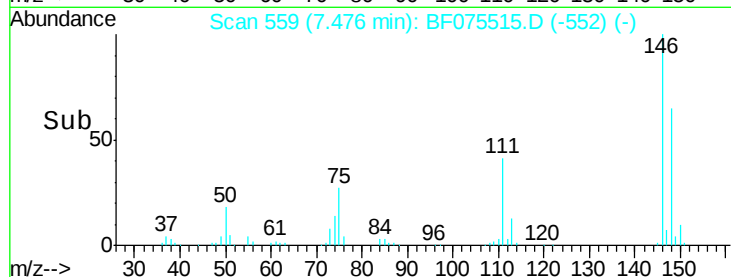
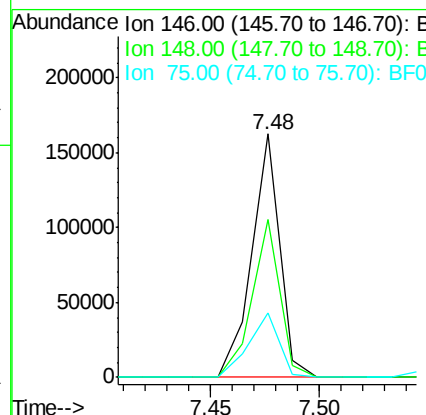
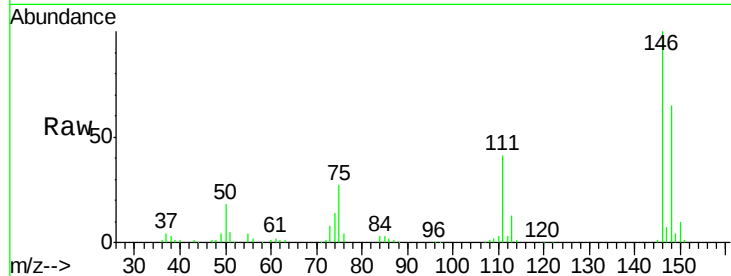
#12
 1,3-Dichlorobenzene
 Concen: 37.94 ng
 RT: 7.48 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		144917		
148	64.7	53.1	79.7		
75	26.7	21.5	32.3		

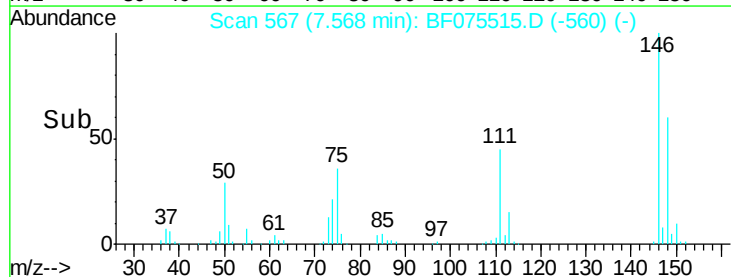
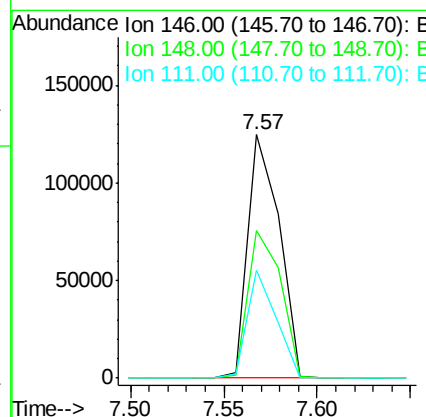
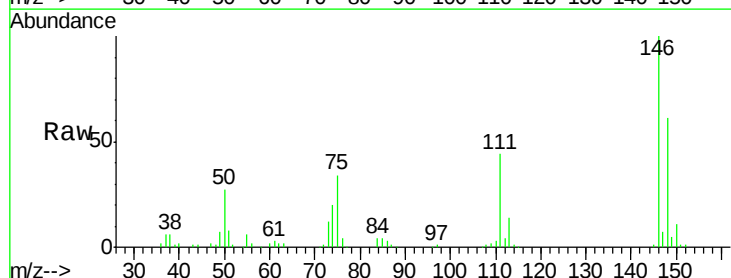
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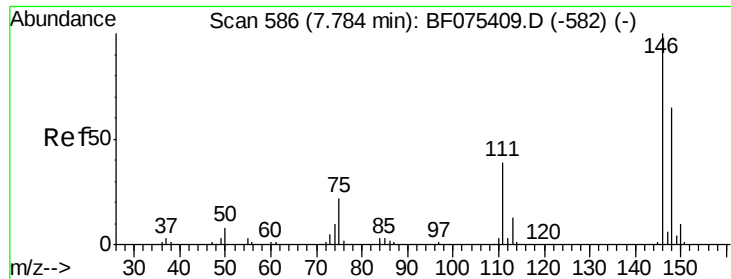
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#13
 1,4-Dichlorobenzene
 Concen: 37.53 ng
 RT: 7.57 min Scan# 567
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		145856		
148	60.8	49.9	74.9		
111	44.2	35.8	53.6		





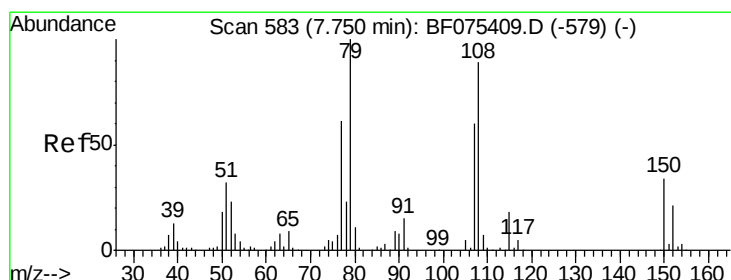
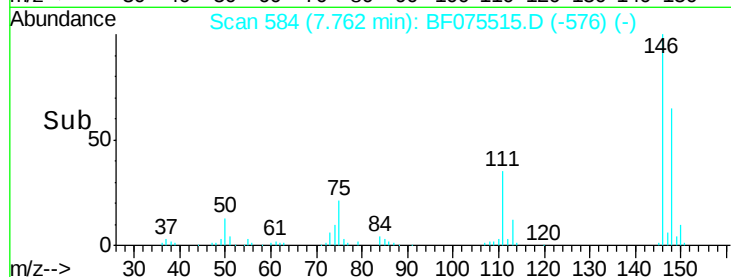
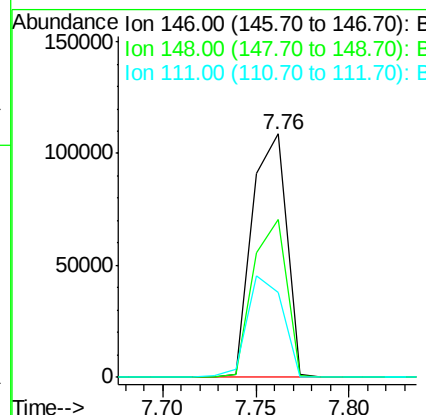
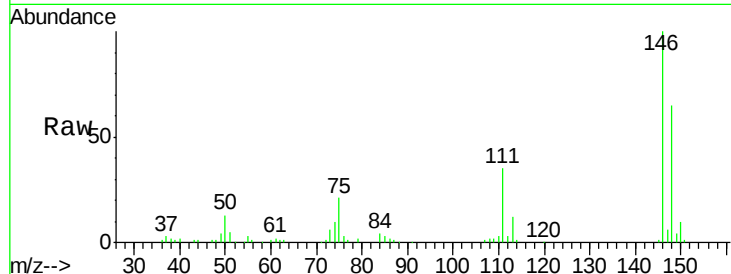
#14
1,2-Dichlorobenzene
Concen: 38.12 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
111	35.0	39.9	59.9

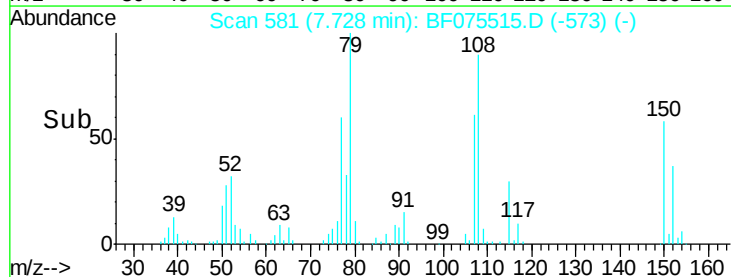
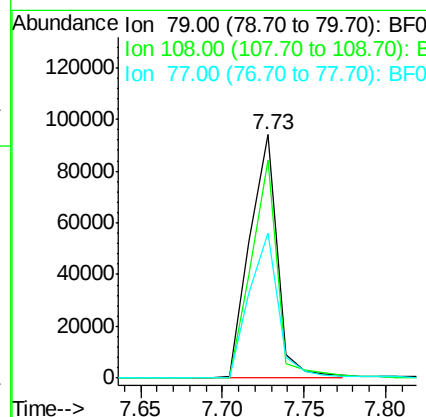
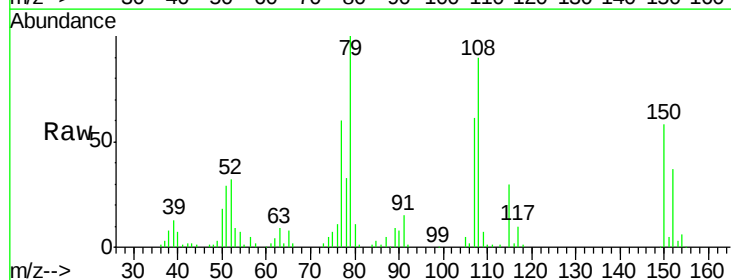
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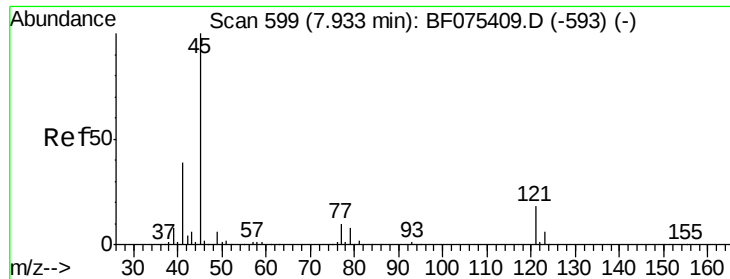
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#15
Benzyl Alcohol
Concen: 38.92 ng
RT: 7.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
79	100		
108	89.6	75.5	113.3
77	59.7	52.1	78.1





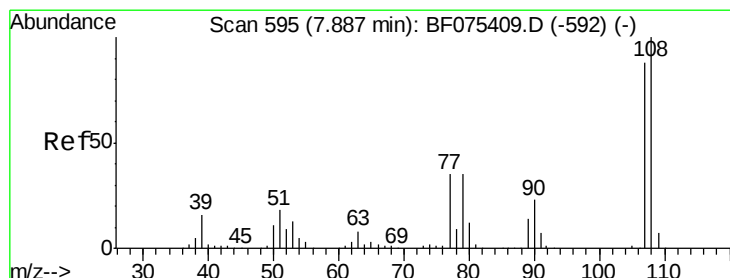
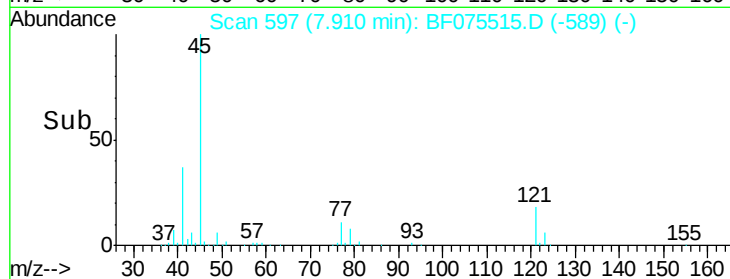
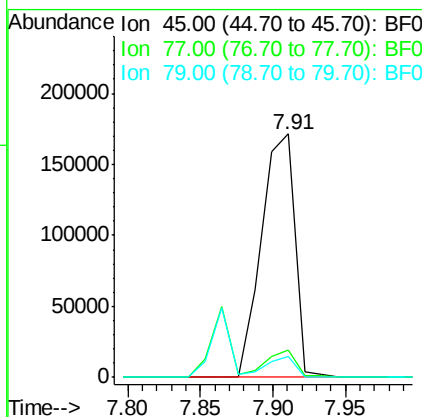
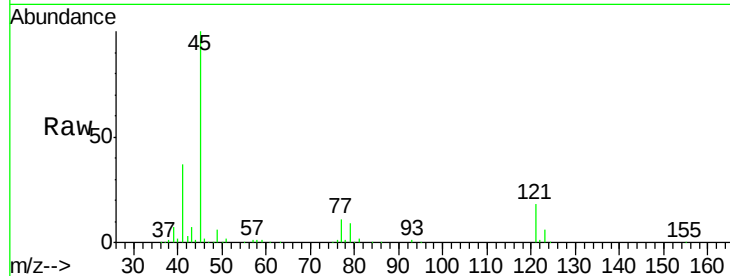
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 39.33 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	11.3	0.0	28.6
79	8.5	0.0	26.5

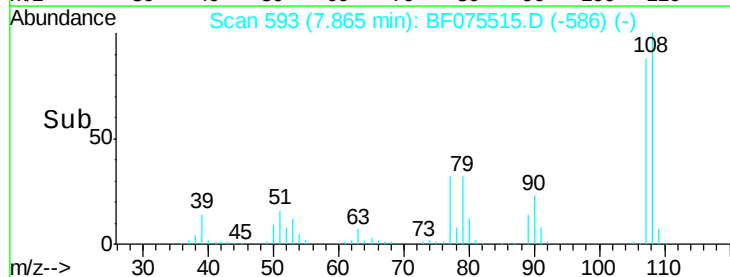
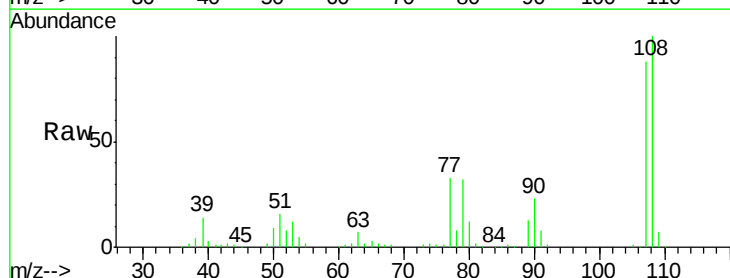
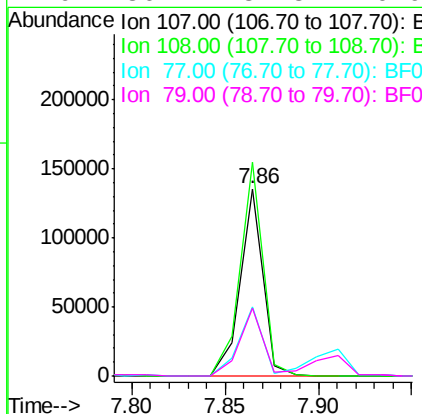
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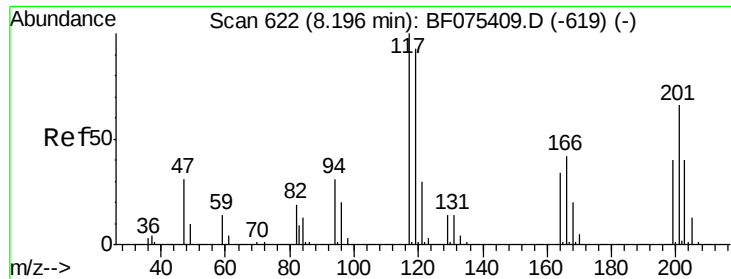
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#17
2-Methylphenol
Concen: 39.65 ng
RT: 7.86 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	114.1	95.6	143.4
77	37.1	30.2	45.4
79	36.4	31.3	46.9





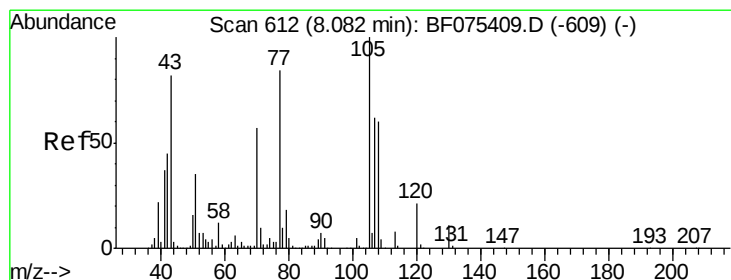
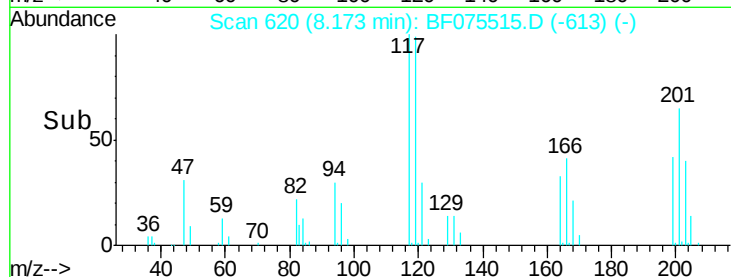
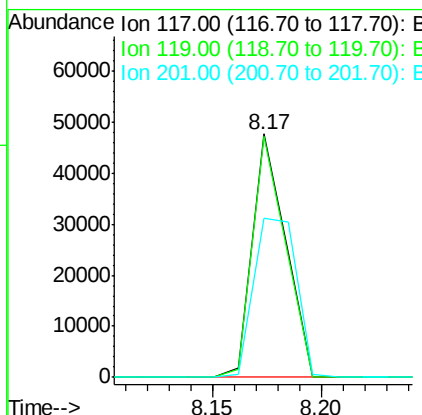
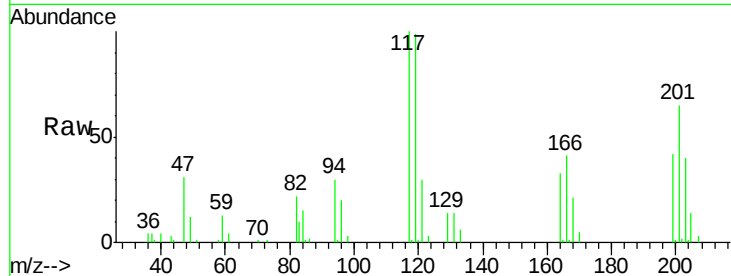
#18
Hexachloroethane
Concen: 38.16 ng
RT: 8.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	50853		
119	99.1	72.9	109.3	
201	65.3	48.2	72.4	

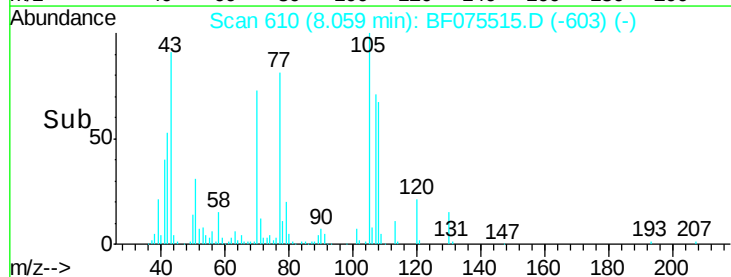
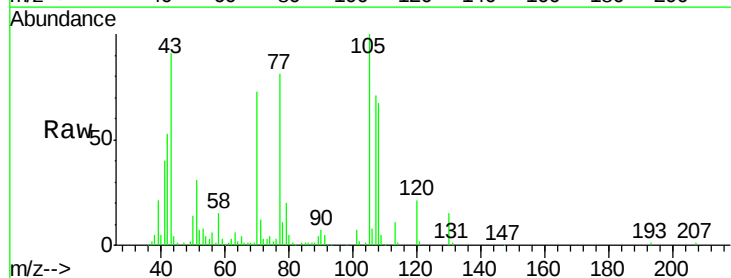
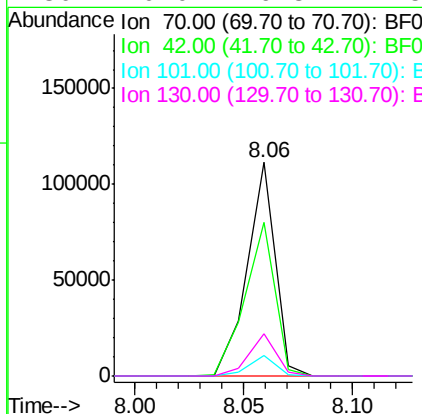
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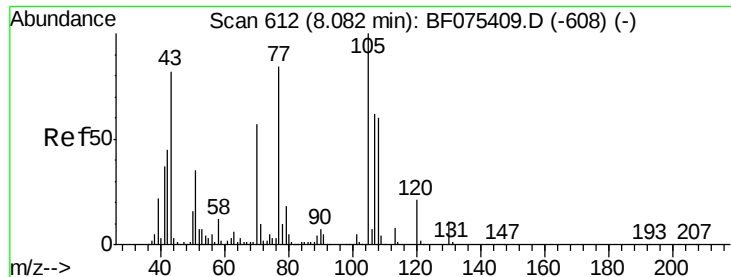
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#19
n-Nitroso-di-n-propylamine
Concen: 40.25 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	99883		
42	71.9	63.0	94.6	
101	9.6	7.5	11.3	
130	20.0	16.3	24.5	





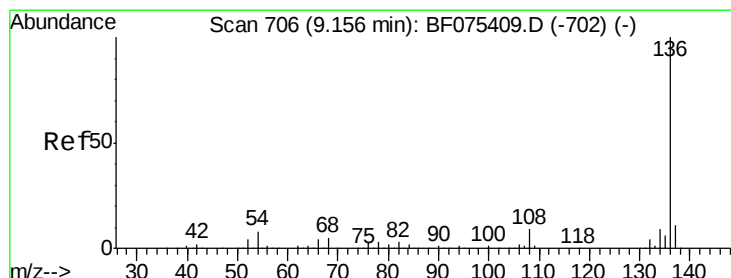
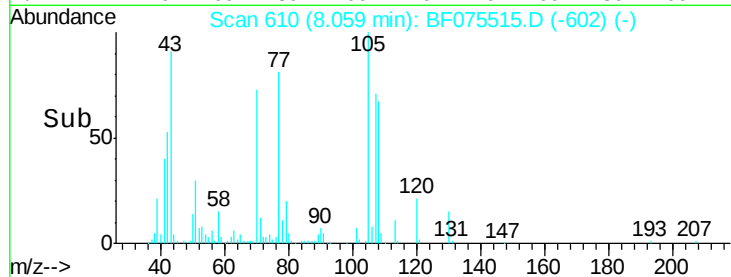
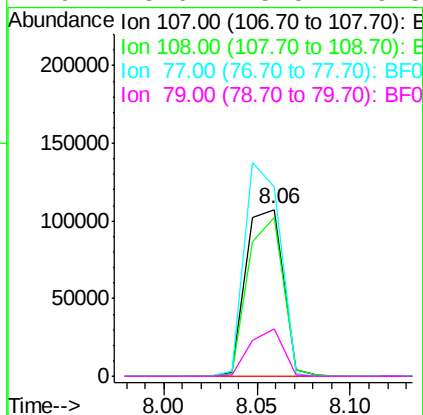
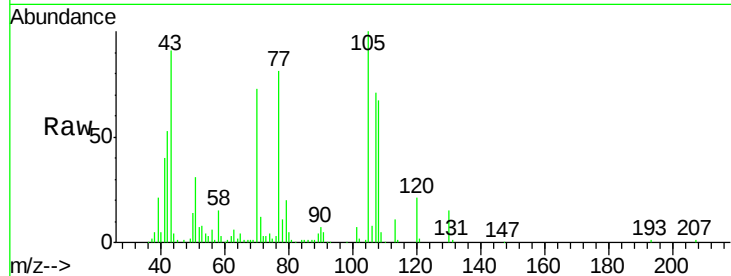
#20
3+4-Methylphenols
Concen: 39.25 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	149141		
108	108	95.4	69.6	109.6	
77	77	114.0	84.4	124.4	
79	79	28.6	5.5	45.5	

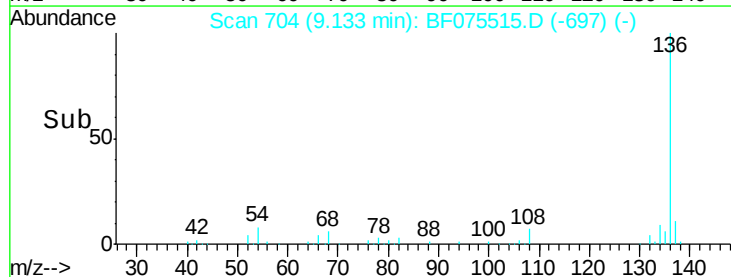
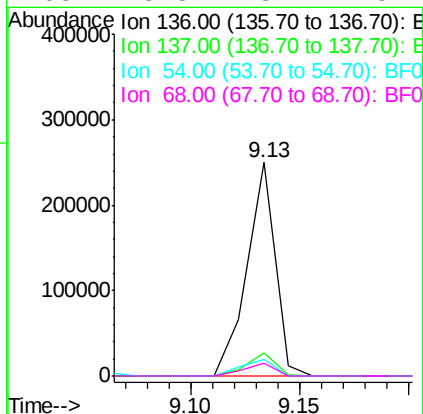
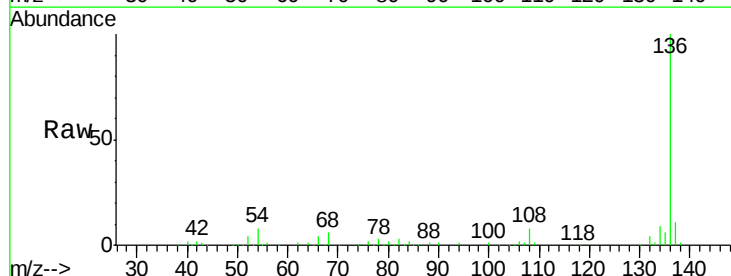
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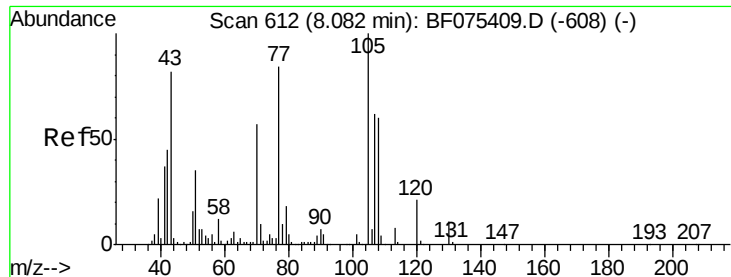
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	225555		
137	137	11.0	8.2	12.4	
54	54	7.8	6.2	9.4	
68	68	5.8	3.4	5.2	#





#22

Acetophenone

Concen: 40.41 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

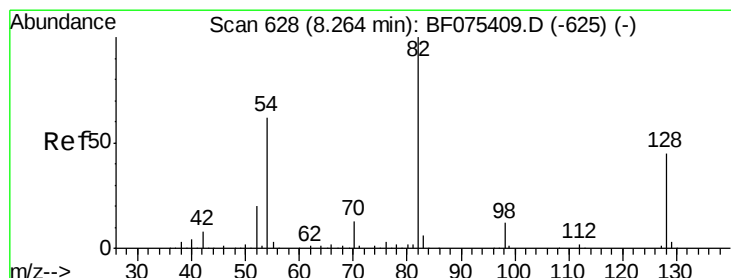
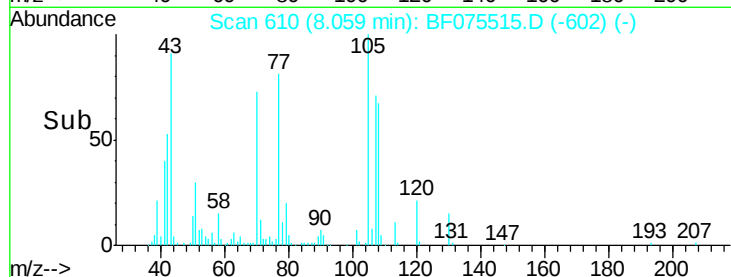
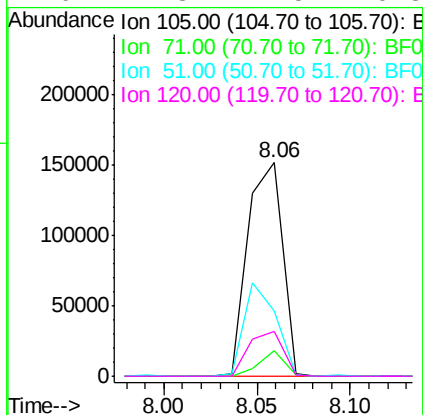
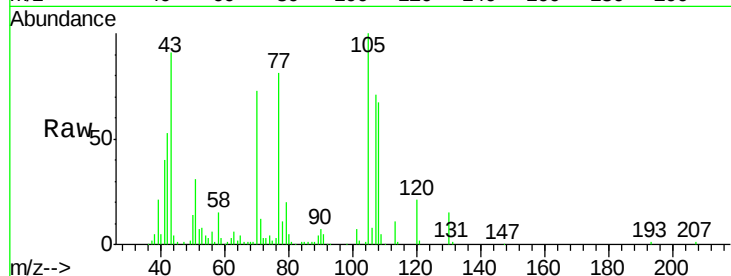
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp Lower	Upper
105	105	100		
71	71	12.1	10.5	15.7
51	51	30.8	24.2	36.2
120	120	21.3	17.5	26.3

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#23

Nitrobenzene-d5

Concen: 90.54 ng

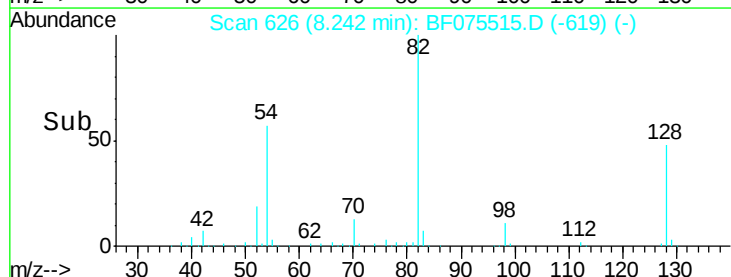
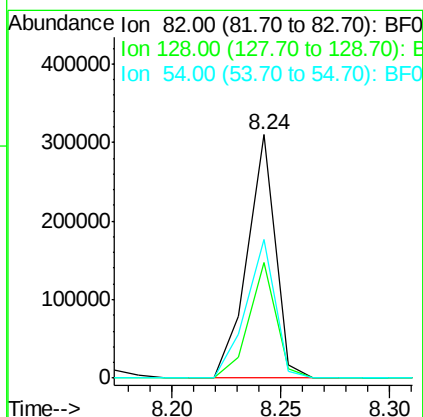
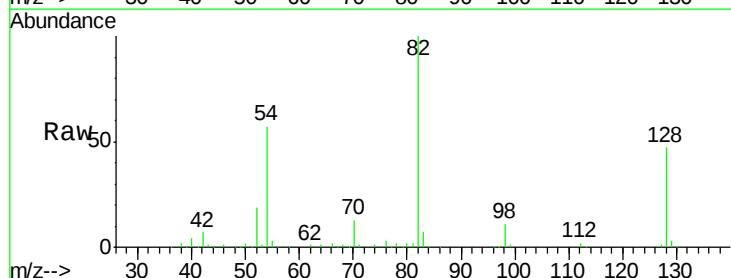
RT: 8.24 min Scan# 626

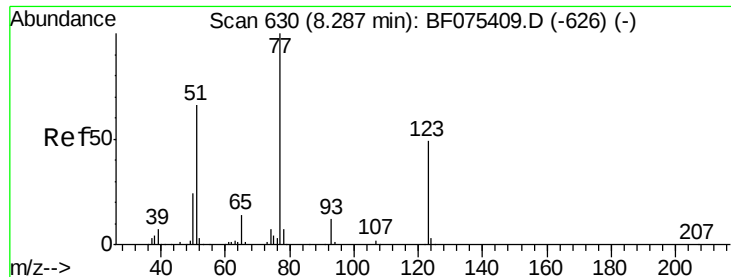
Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion	Ion	Ratio	Resp Lower	Upper
82	82	100		
128	128	47.5	37.8	56.6
54	54	56.8	49.8	74.8





#24

Nitrobenzene

Concen: 42.62 ng

RT: 8.26 min Scan# 628

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

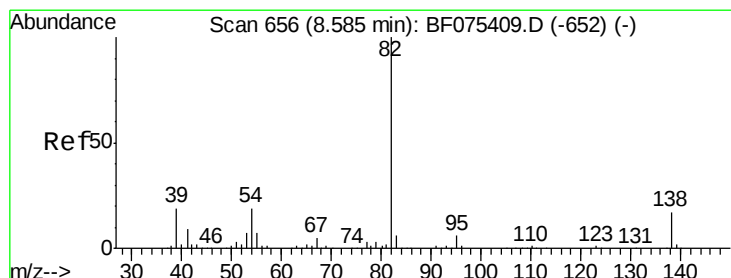
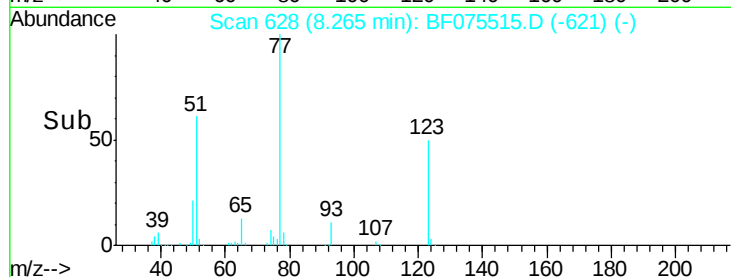
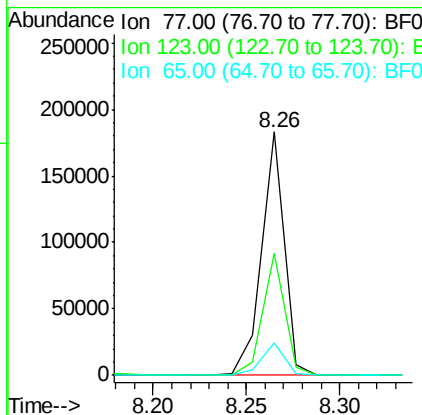
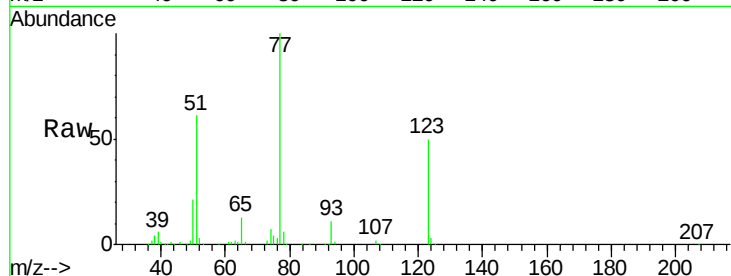
ClientSampleId :

PB80189BSD

Tot Ion:	77	Resp:	151969
Ion Ratio	Lower	Upper	
77	100		
123	50.3	39.0	58.4
65	13.2	10.6	15.8

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#25

Isophorone

Concen: 40.87 ng

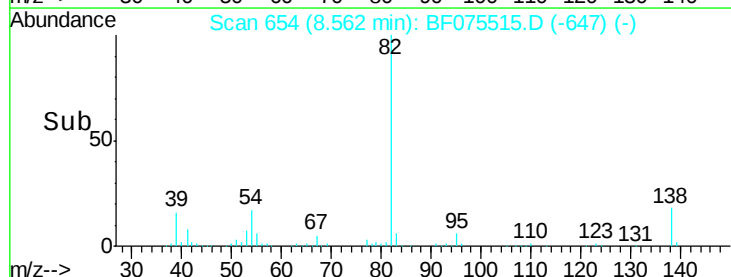
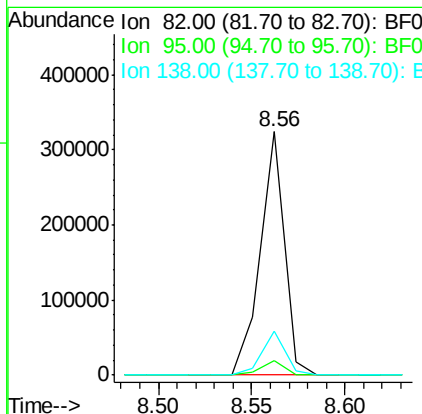
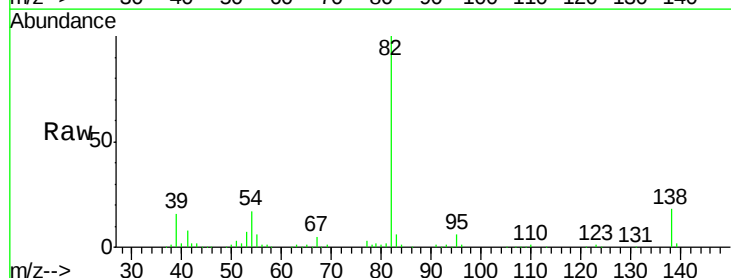
RT: 8.56 min Scan# 654

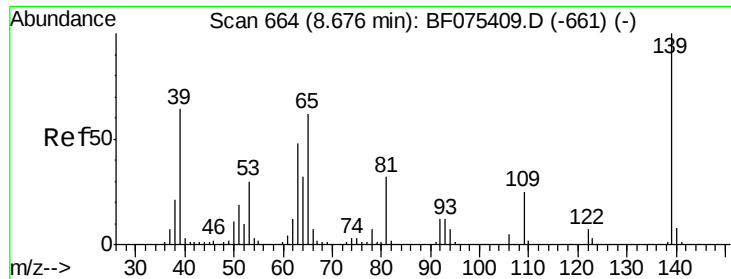
Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	82	Resp:	287048
Ion Ratio	Lower	Upper	
82	100		
95	5.9	5.2	7.8
138	18.0	15.0	22.6





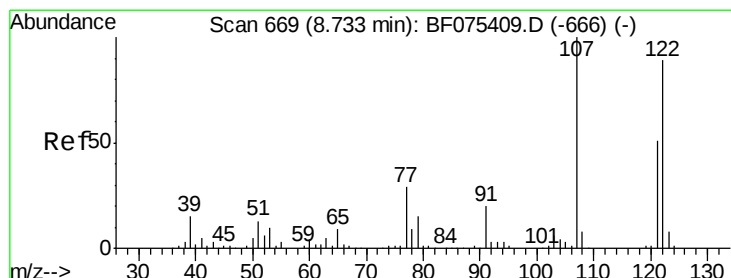
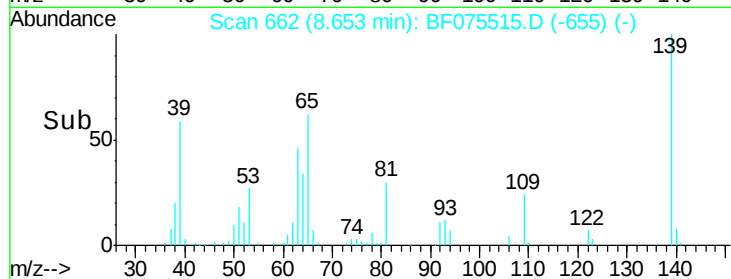
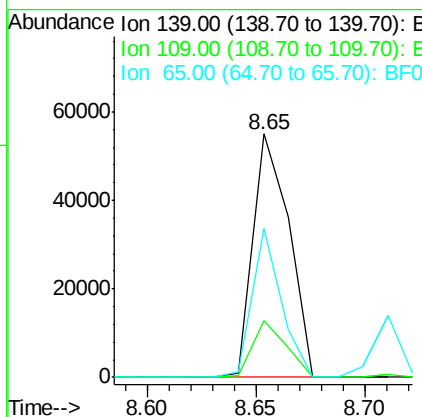
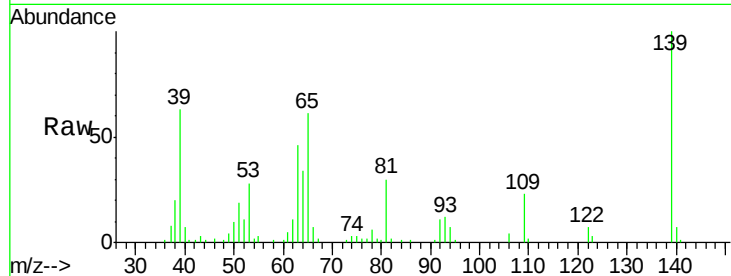
#26
2-Nitrophenol
Concen: 38.92 ng
RT: 8.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	63226		
109	23.5	22.3	33.5	
65	61.3	49.1	73.7	

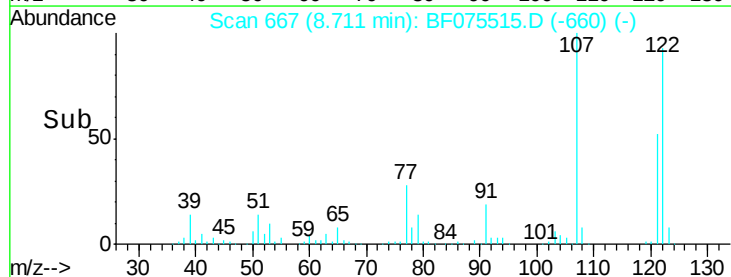
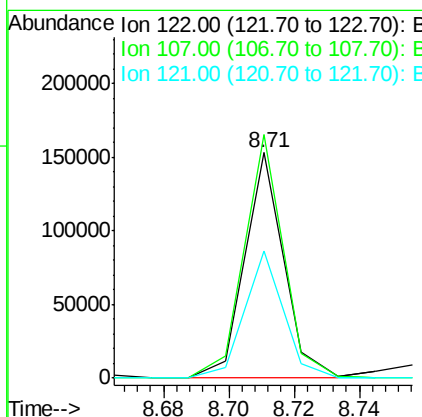
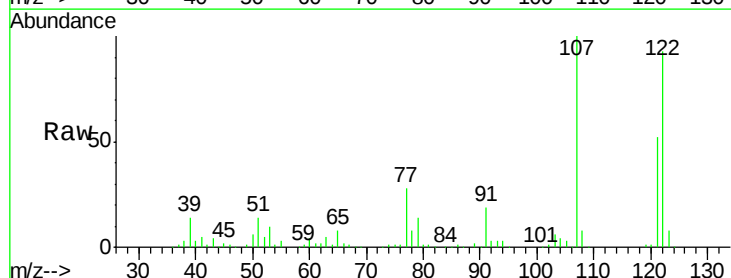
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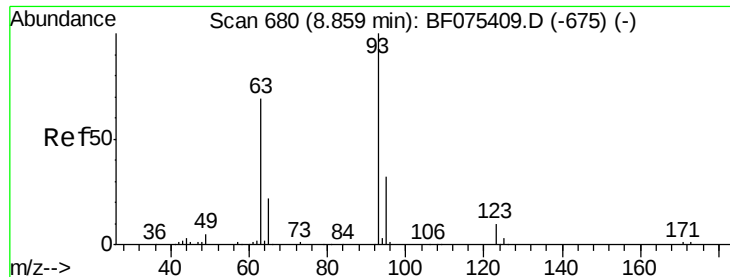
mohammad
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#27
2,4-Dimethylphenol
Concen: 40.11 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	126275		
107	107.9	86.5	129.7	
121	56.4	45.4	68.2	





#28

bis(2-Chloroethoxy)methane

Concen: 42.15 ng

RT: 8.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

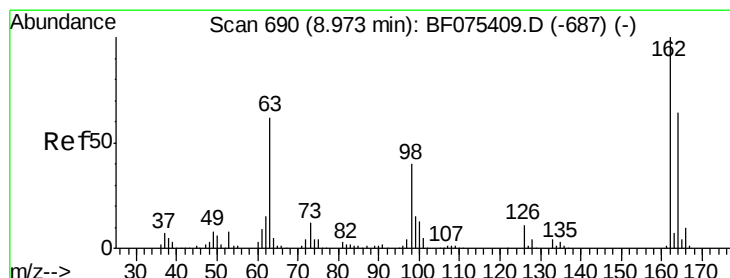
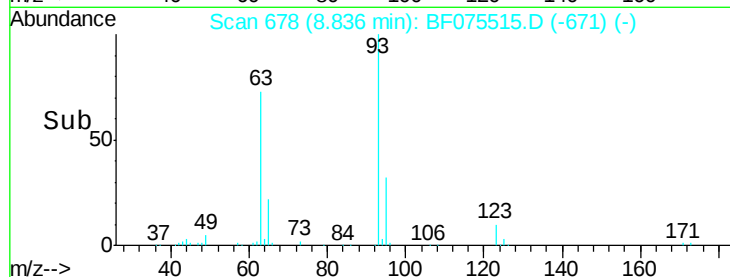
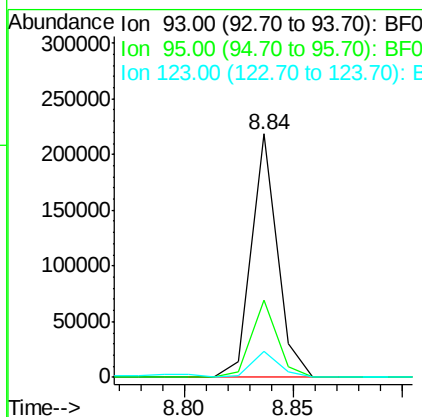
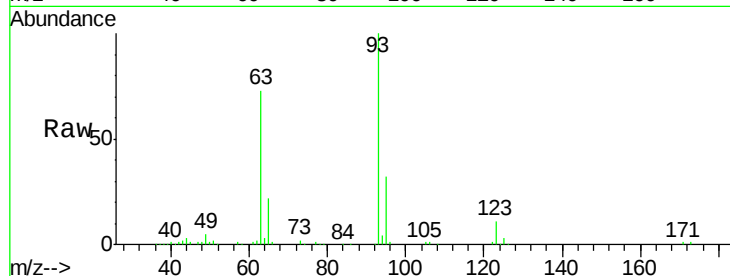
ClientSampleId :

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Tot Ion:	93	Resp:	180446
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.2	39.4
123	10.6	8.8	13.2

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#29

2,4-Dichlorophenol

Concen: 41.01 ng

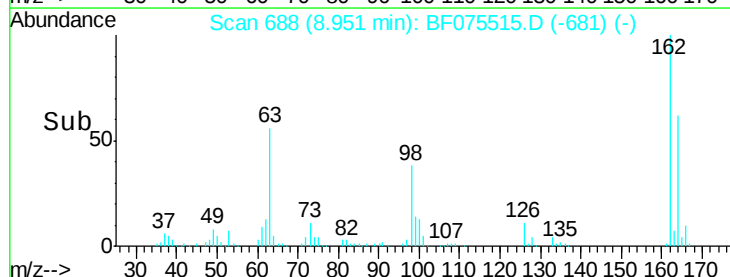
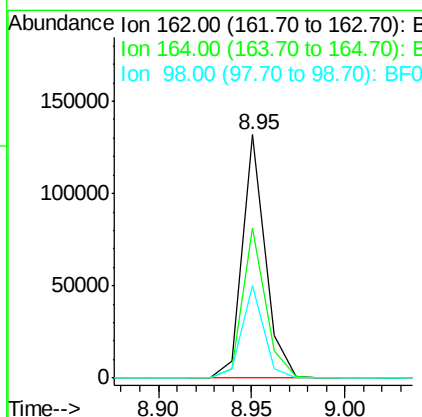
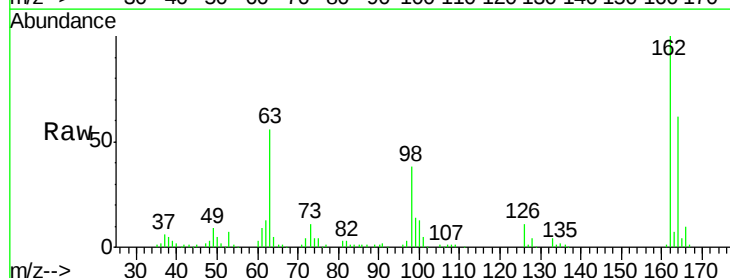
RT: 8.95 min Scan# 688

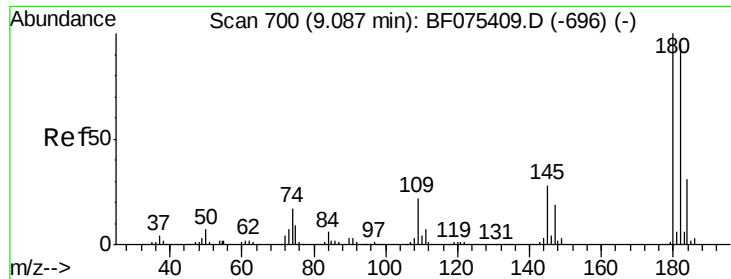
Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	162	Resp:	113129
Ion Ratio	Lower	Upper	
162	100		
164	61.8	43.8	83.8
98	38.2	14.6	54.6





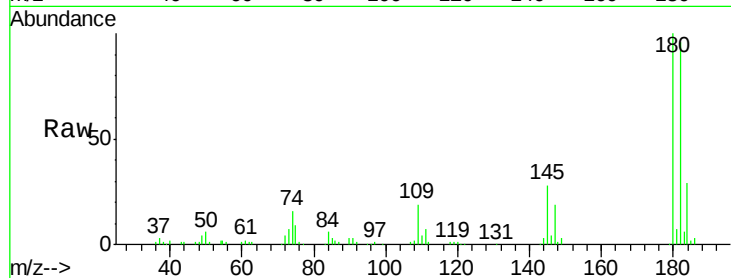
#30
 1,2,4-Trichlorobenzene
 Concen: 38.46 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BSD

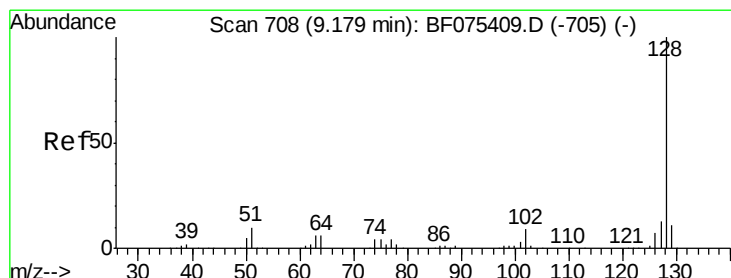
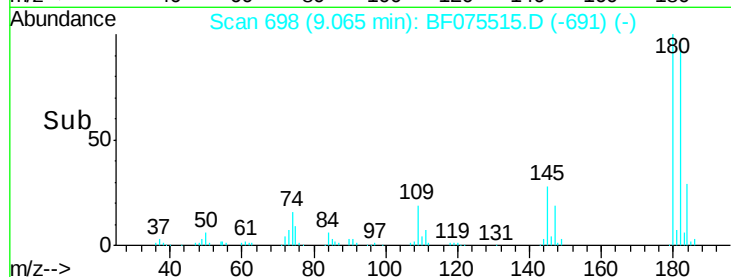
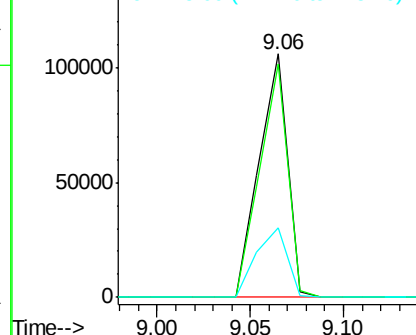
Tot Ion	Ratio	Resp	Lower	Upper
180	100	111400		
182	95.8	78.4	117.6	
145	28.4	22.3	33.5	

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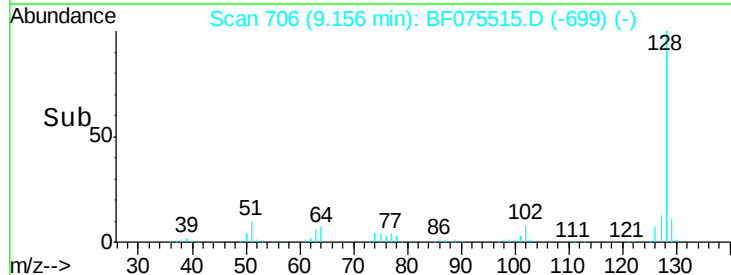
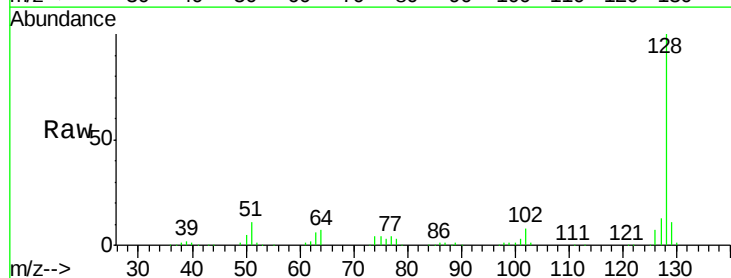
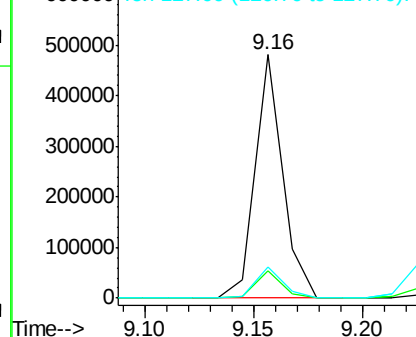
Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

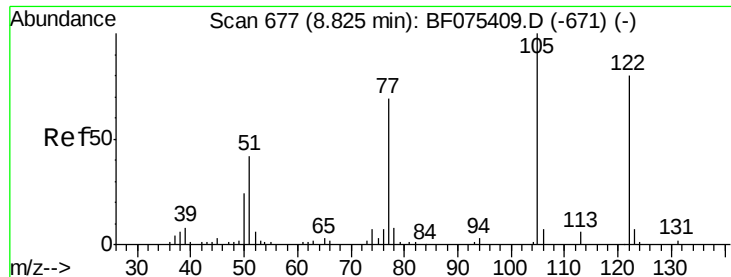


#31
 Naphthalene
 Concen: 41.95 ng
 RT: 9.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	421842		
129	11.1	9.0	13.4	
127	12.5	10.2	15.4	

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: 36.63 ng

RT: 8.79 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

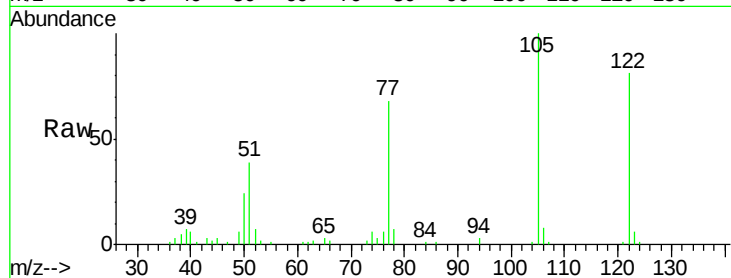
ClientSampleId :

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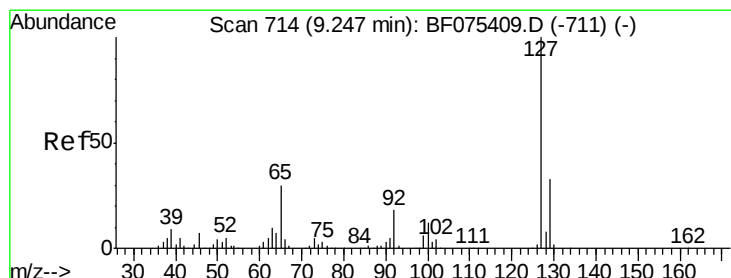
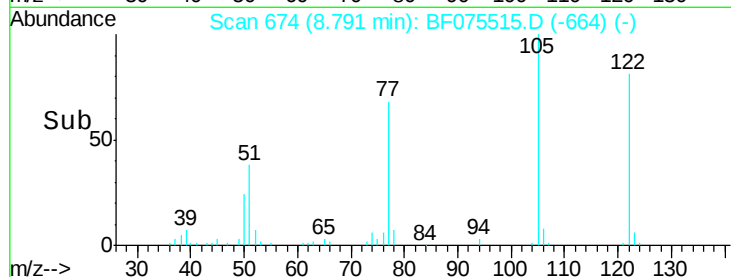
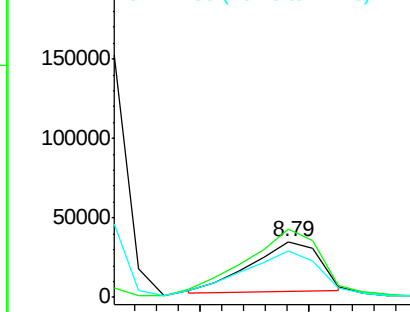
Tot Ion:	122	Resp:	69679
Ion Ratio	Lower	Upper	
122	100		
105	123.6	95.1	135.1
77	84.7	62.6	102.6

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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: 12.39 ng

RT: 9.22 min Scan# 712

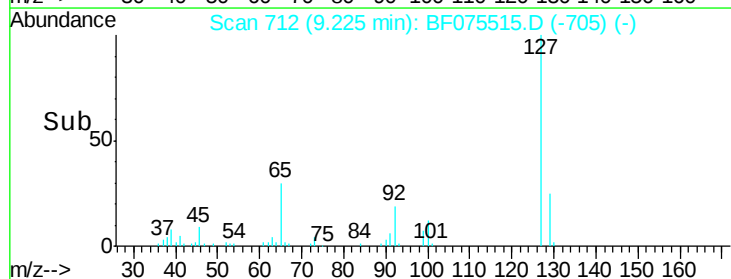
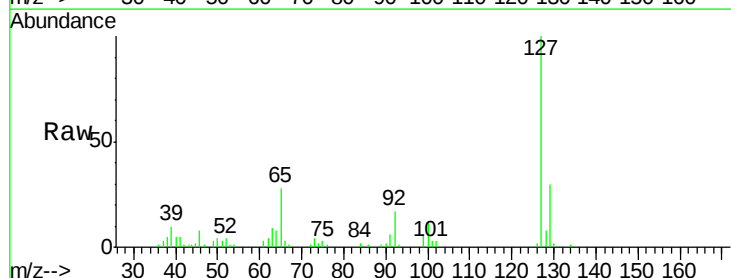
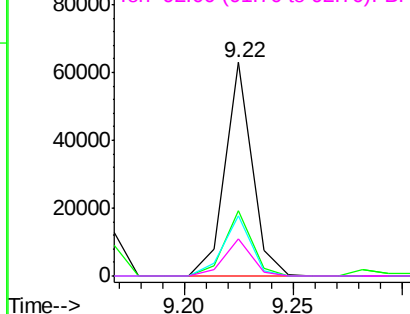
Delta R.T. -0.02 min

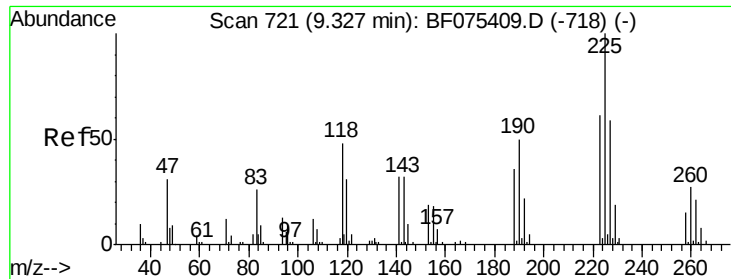
Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	127	Resp:	54129
Ion Ratio	Lower	Upper	
127	100		
129	30.4	25.5	38.3
65	28.3	22.8	34.2
92	17.5	13.8	20.6

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: 37.43 ng

RT: 9.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

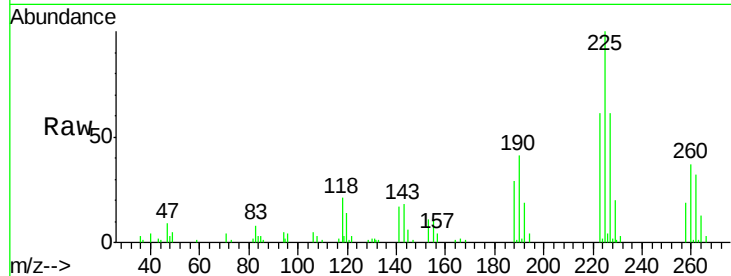
ClientSampleId :

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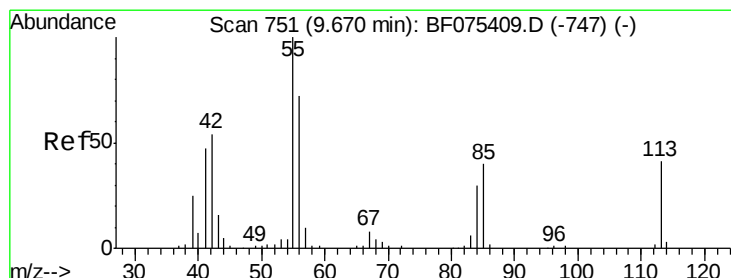
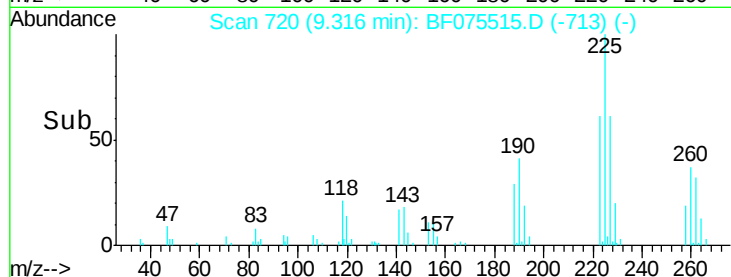
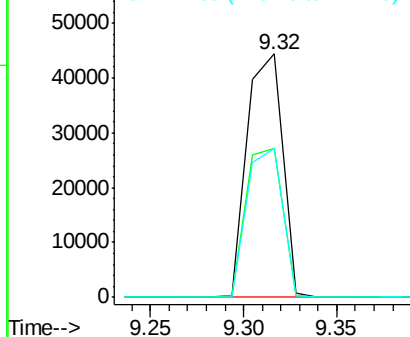
Tot Ion:	225	Resp:	58583
Ion Ratio		Lower	Upper
225	100		
223	61.4	51.0	76.6
227	61.4	48.6	73.0

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 41.15 ng

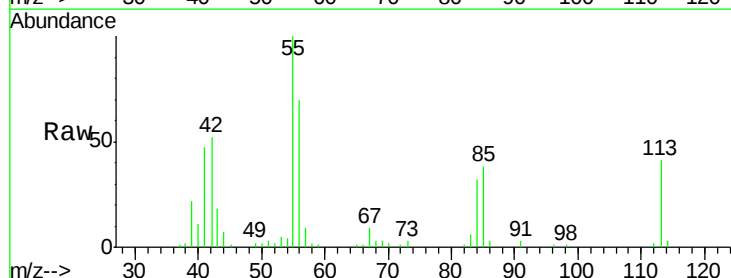
RT: 9.64 min Scan# 748

Delta R.T. -0.01 min

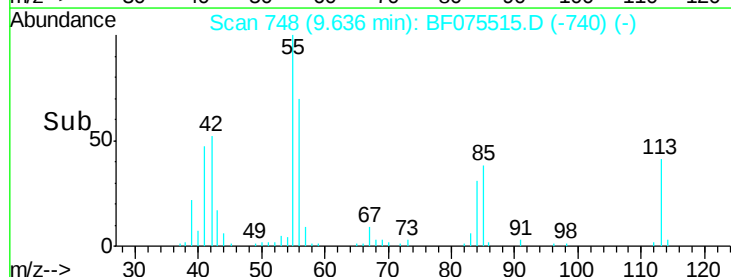
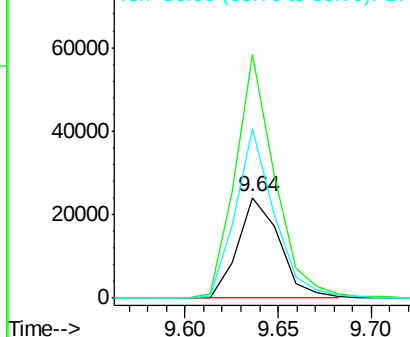
Lab File: BF075515.D

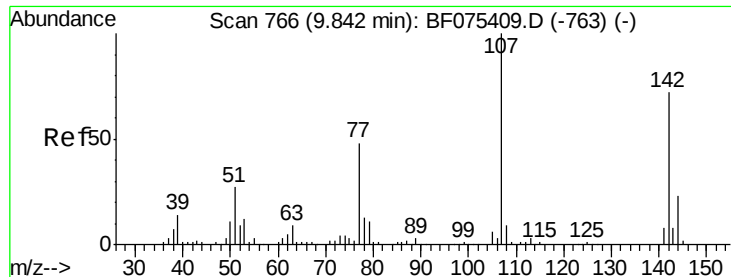
Acq: 15 Nov 2014 1:17

Tgt Ion:	113	Resp:	37614
Ion Ratio		Lower	Upper
113	100		
55	241.3	226.9	266.9
56	168.1	148.4	188.4



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





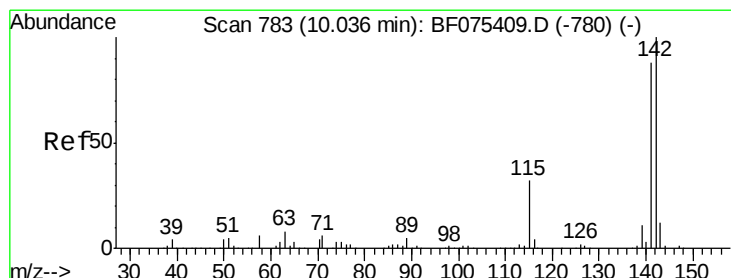
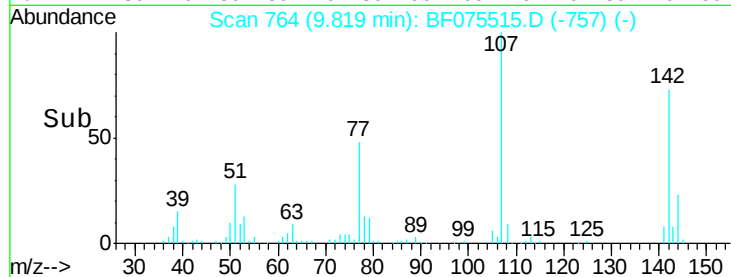
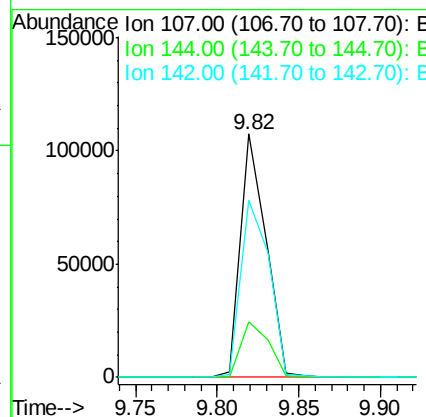
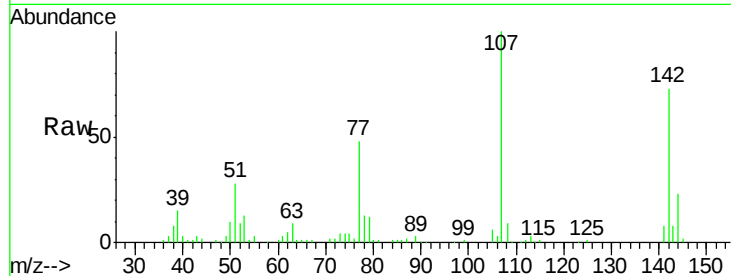
#36
 4-Chloro-3-methylphenol
 Concen: 38.15 ng
 RT: 9.82 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	115453		
144	22.8	19.1	28.7	
142	72.6	62.9	94.3	

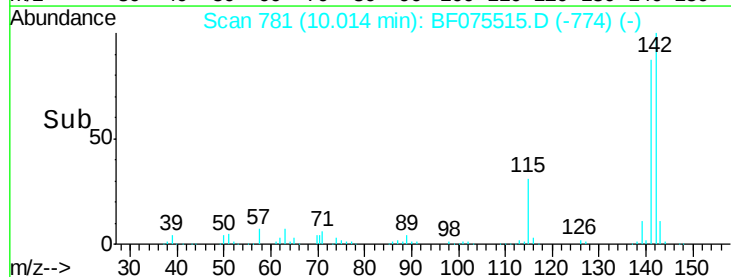
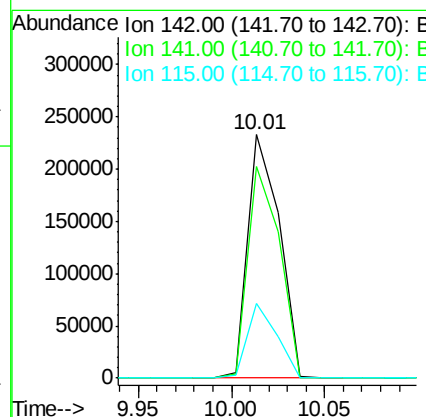
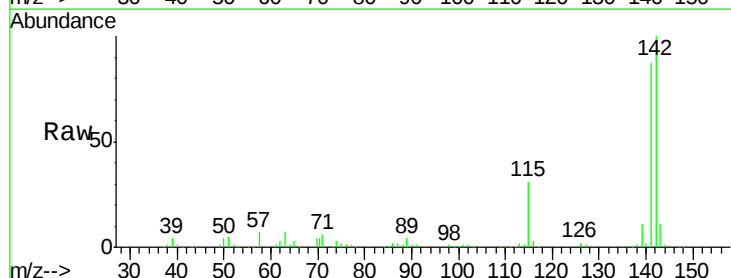
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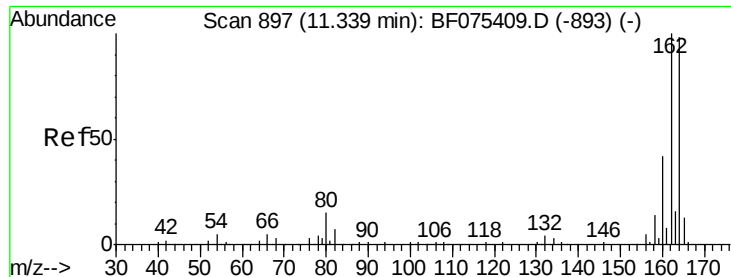
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#37
 2-Methylnaphthalene
 Concen: 39.82 ng
 RT: 10.01 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	273159		
141	86.9	69.9	104.9	
115	30.6	27.6	41.4	





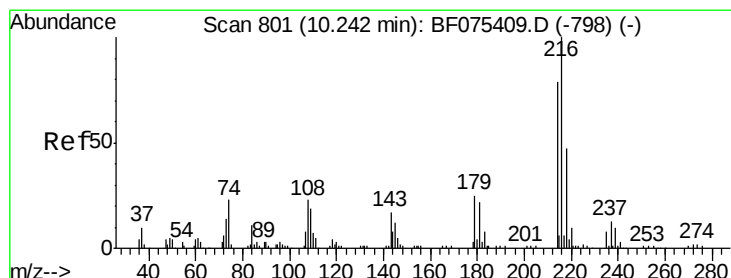
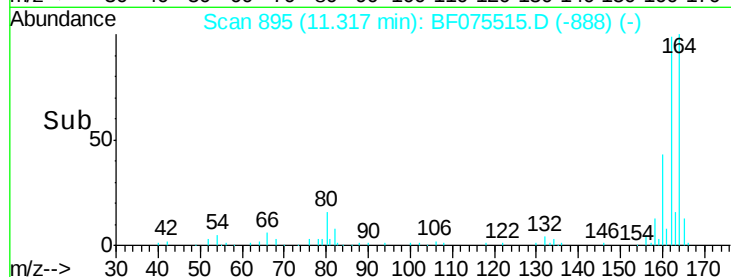
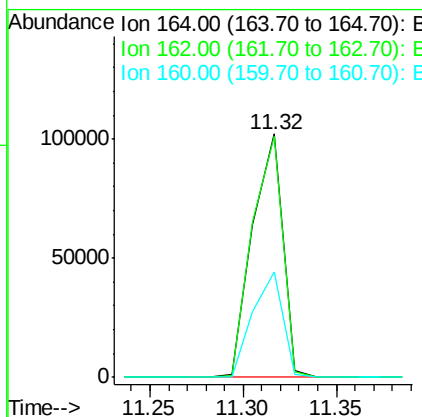
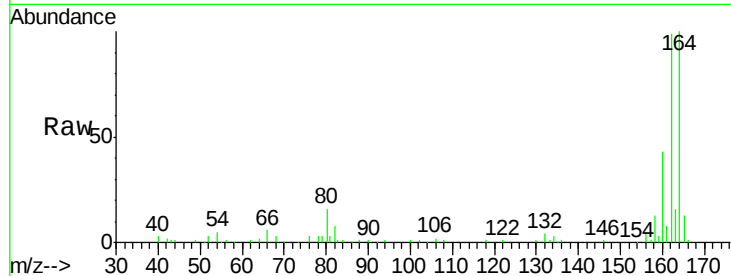
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.1	118.7
160	43.2	34.6	51.8

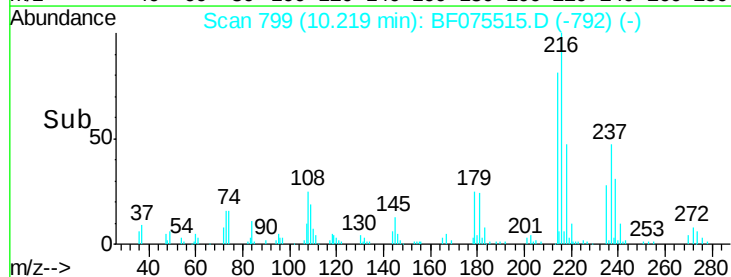
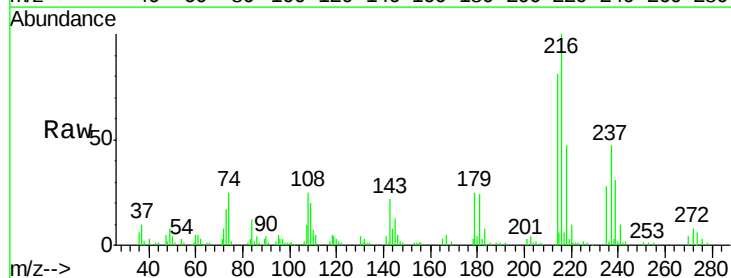
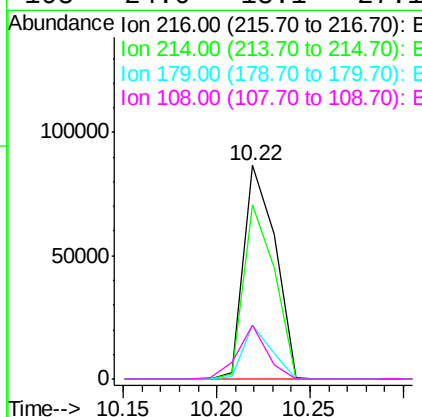
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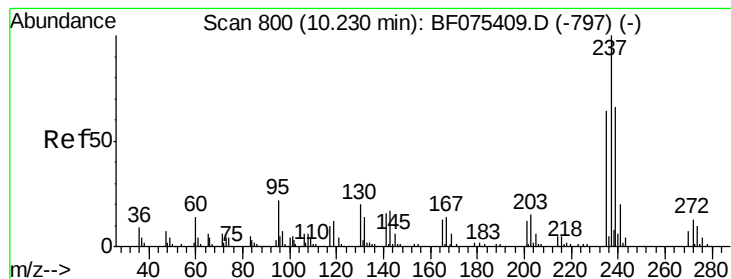
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.53 ng
RT: 10.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.8	94.2
179	22.4	18.7	28.1
108	24.0	18.1	27.1





#40

Hexachlorocyclopentadiene

Concen: 84.17 ng

RT: 10.21 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

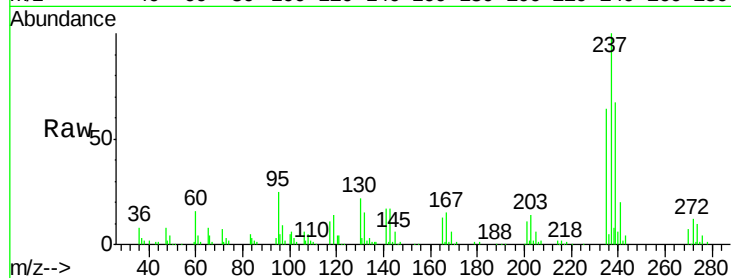
ClientSampleId :

PB80189BSD

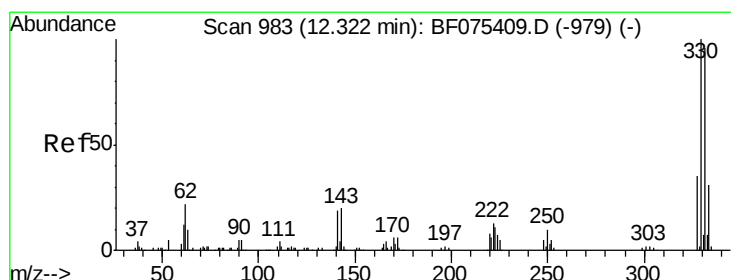
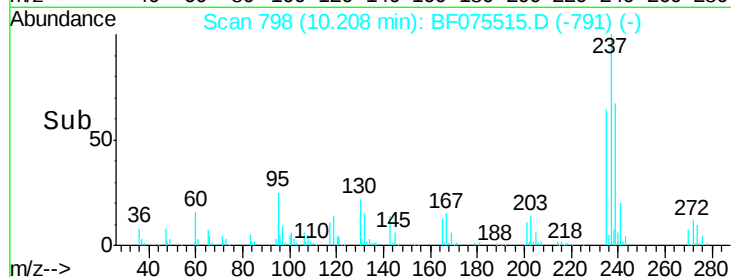
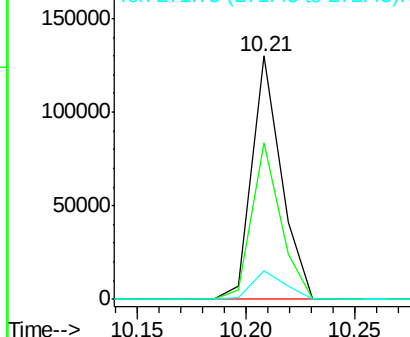
Tot Ion:	237	Resp:	122333
Ion Ratio	Lower	Upper	
237	100		
235	64.1	45.7	85.7
272	12.0	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 76.86 ng

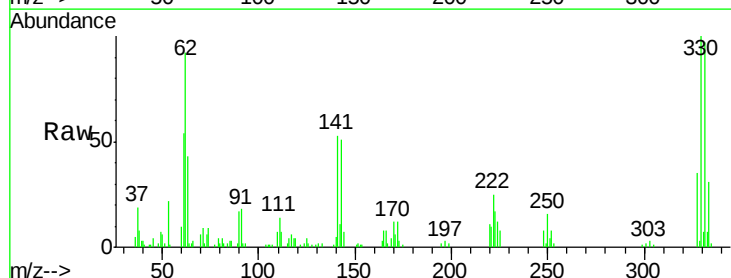
RT: 12.29 min Scan# 980

Delta R.T. -0.03 min

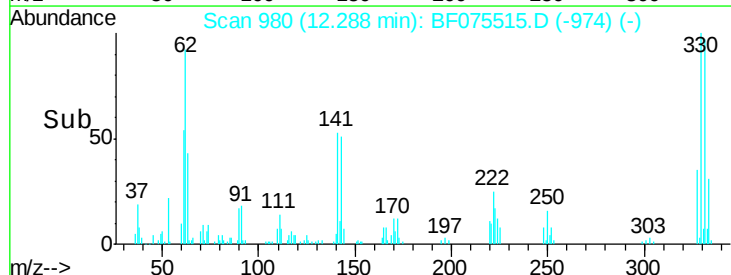
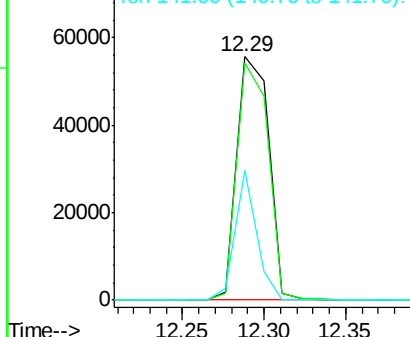
Lab File: BF075515.D

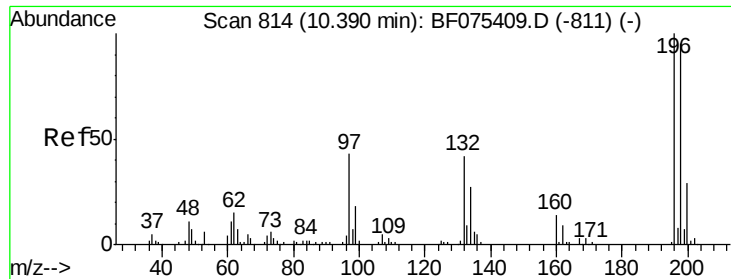
Acq: 15 Nov 2014 1:17

Tgt Ion:	330	Resp:	74931
Ion Ratio	Lower	Upper	
330	100		
332	95.7	74.5	111.7
141	35.5	30.7	46.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





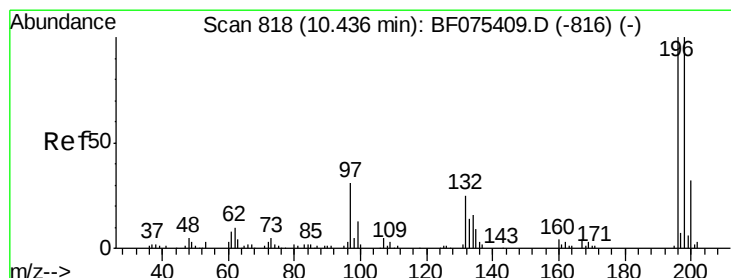
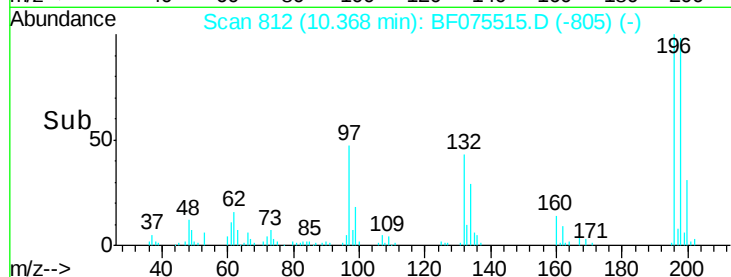
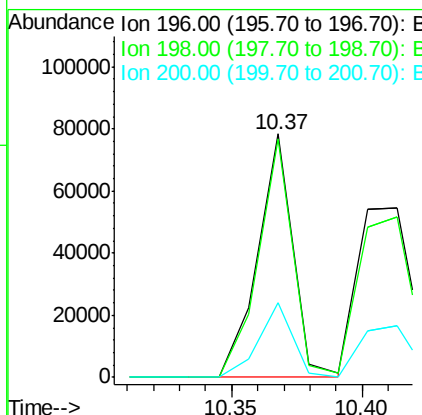
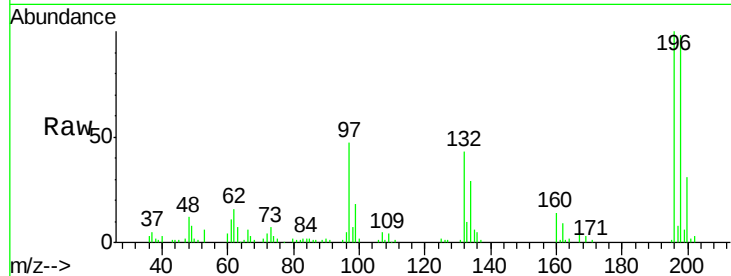
#42
 2,4,6-Trichlorophenol
 Concen: 38.39 ng
 RT: 10.37 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleID :
 PB80189BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	73039		
198	97.8	75.7	113.5	
200	30.9	23.4	35.0	

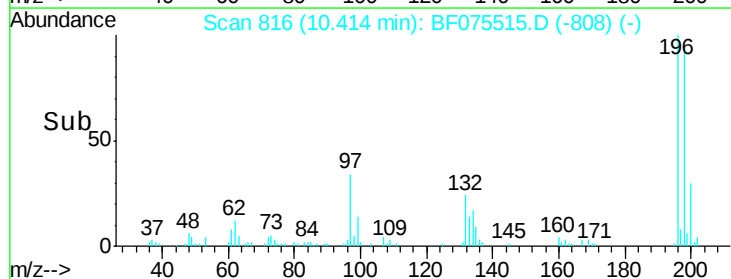
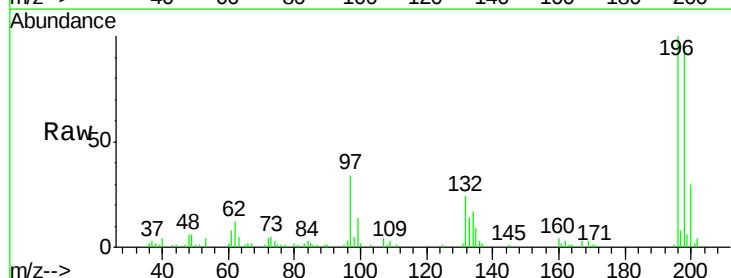
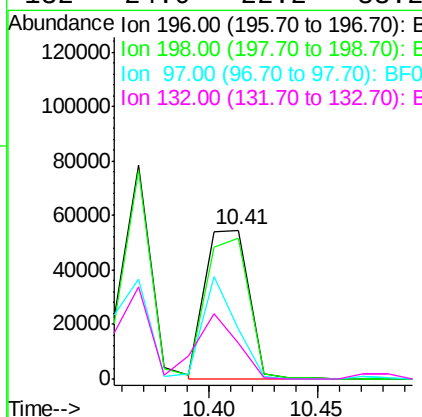
Manual Integrations
 APPROVED

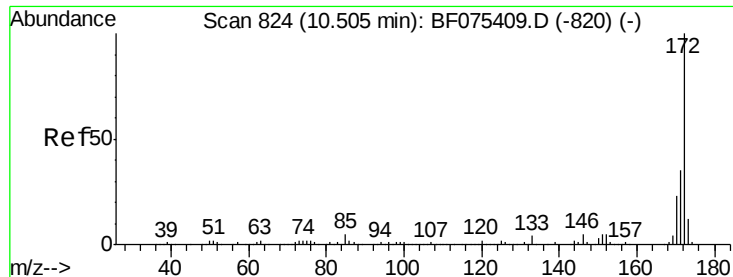
mohammad
 11/17/2014 7:35:04 PM



#43
 2,4,5-Trichlorophenol
 Concen: 38.67 ng
 RT: 10.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	76623		
198	95.1	78.2	117.4	
97	33.5	29.9	44.9	
132	24.0	22.2	33.2	





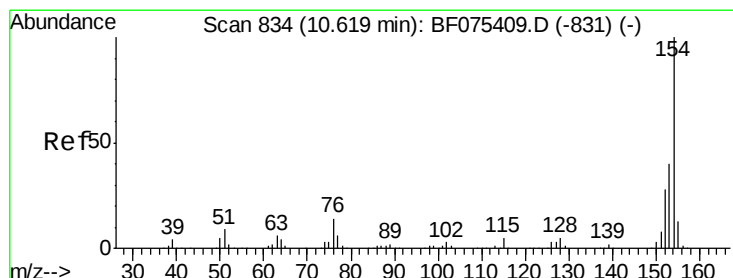
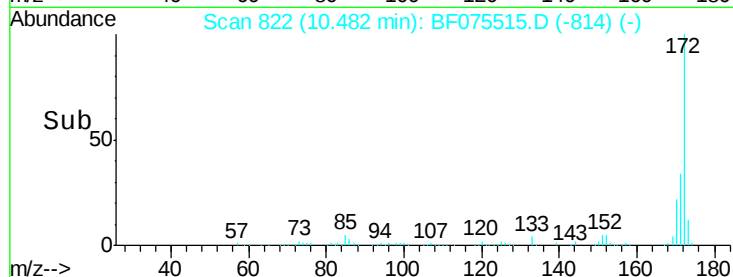
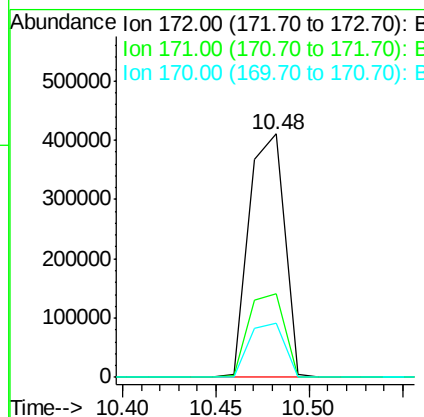
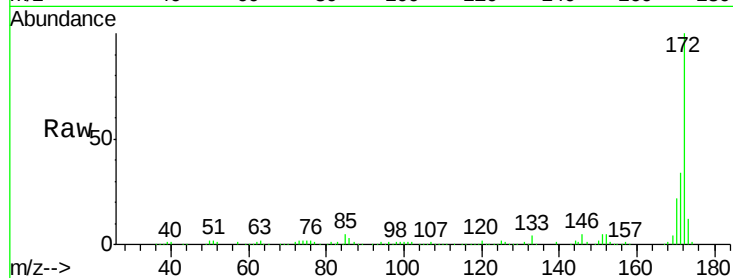
#44
2-Fluorobiphenyl
Concen: 83.85 ng
RT: 10.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	27.3	40.9	
170	22.5	18.4	27.6	

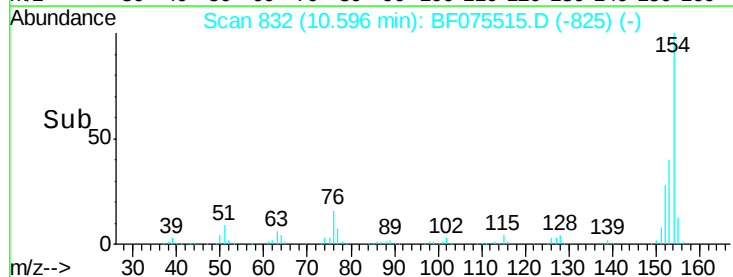
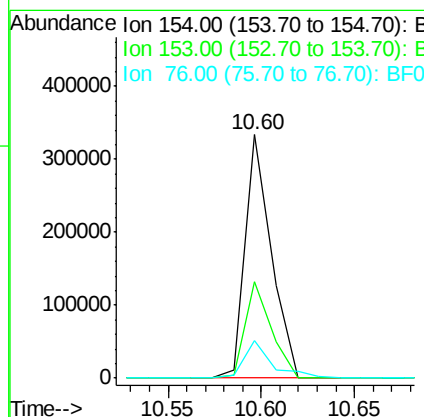
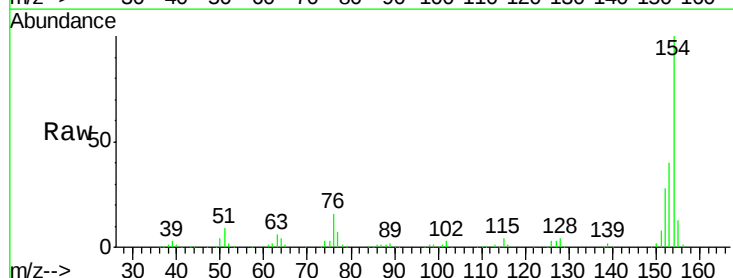
Manual Integrations
APPROVED

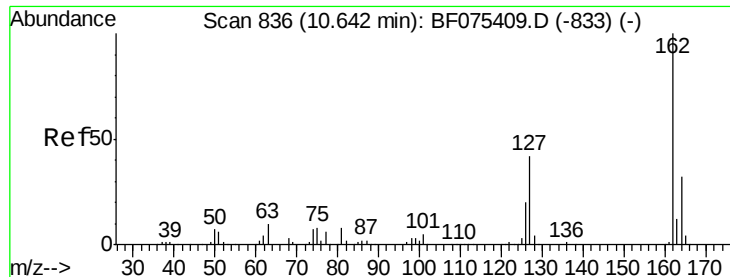
mohammad
11/17/2014 7:35:04 PM



#45
1,1'-Biphenyl
Concen: 41.27 ng
RT: 10.60 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.6	19.3	59.3	
76	15.6	0.0	35.0	





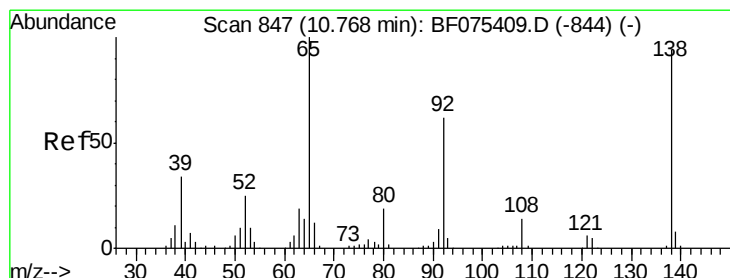
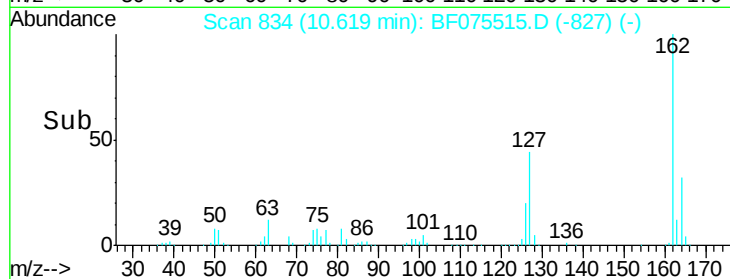
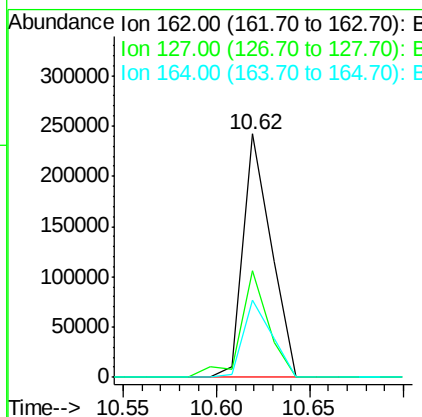
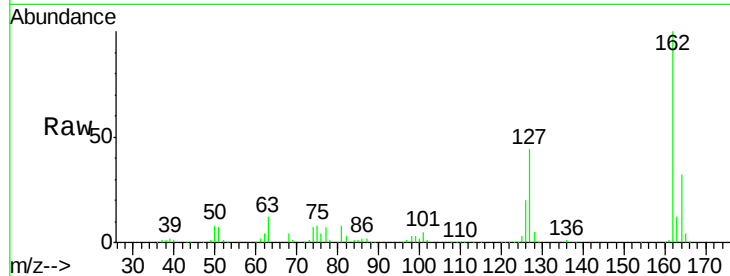
#46
2-Chloronaphthalene
Concen: 41.19 ng
RT: 10.62 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	43.6	34.6	51.8
164	31.6	25.1	37.7

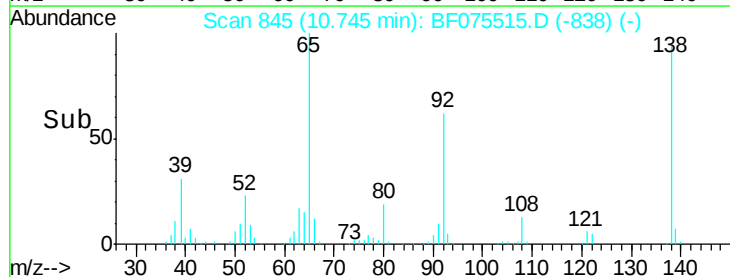
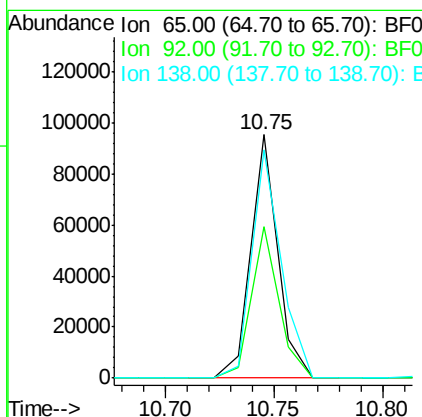
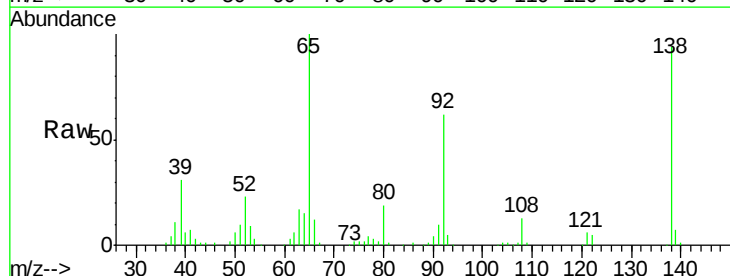
Manual Integrations
APPROVED

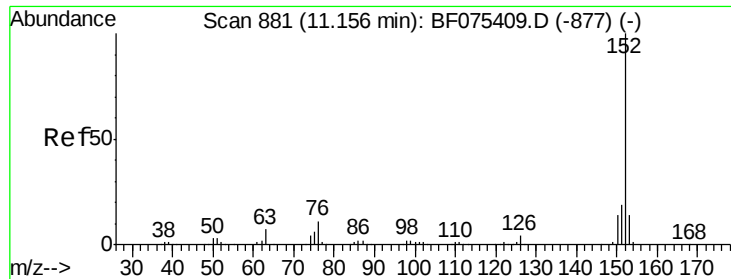
mohammad
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#47
2-Nitroaniline
Concen: 44.22 ng
RT: 10.75 min Scan# 845
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	62.1	46.7	70.1
138	93.9	62.8	94.2





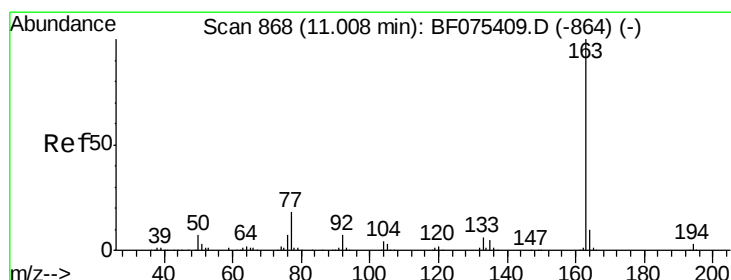
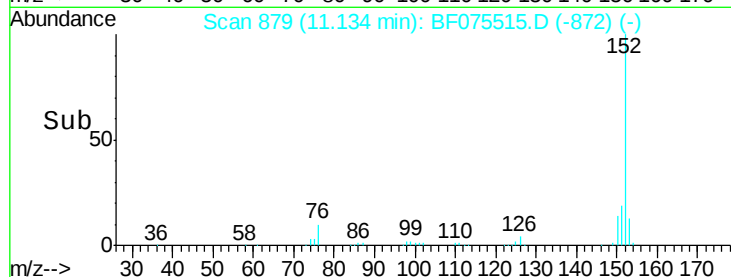
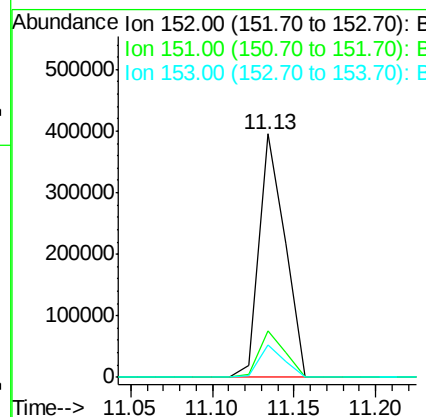
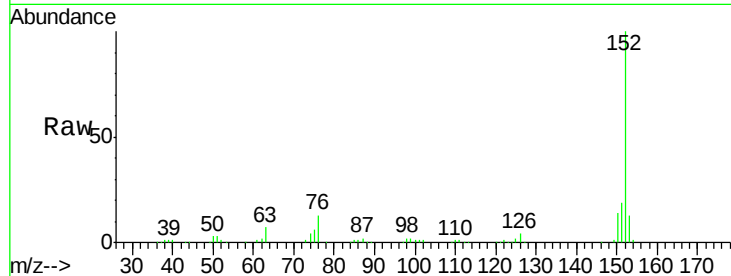
#48
Acenaphthylene
Concen: 42.94 ng
RT: 11.13 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		434633		
151	18.9	15.4	23.2		
153	13.2	10.0	15.0		

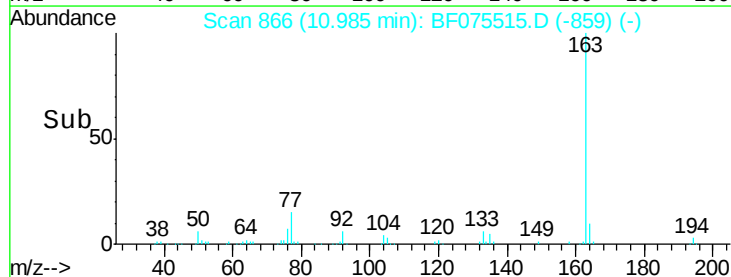
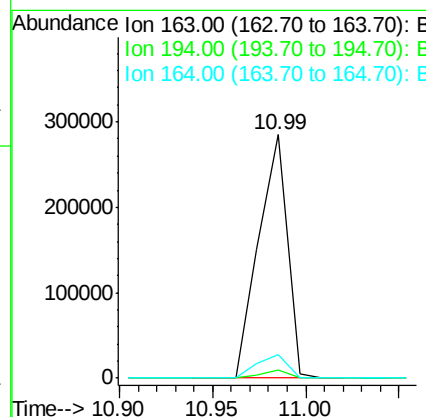
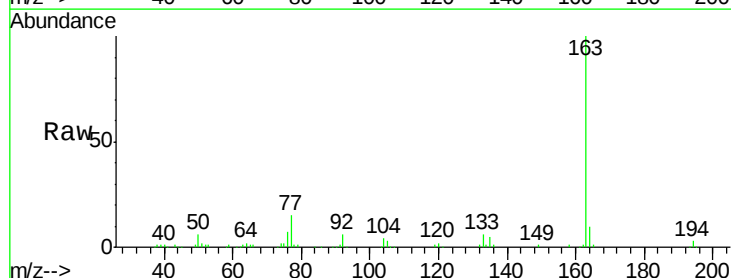
Manual Integrations
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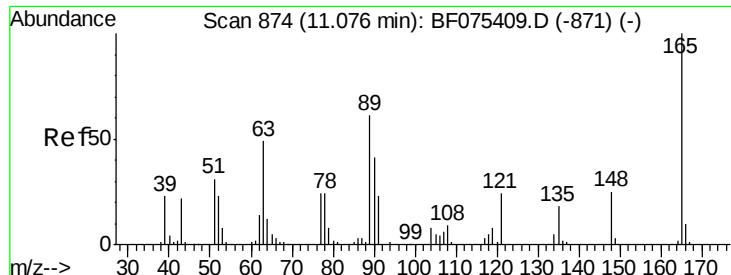
mohammad
11/17/2014 7:35:04 PM



#49
Dimethylphthalate
Concen: 38.08 ng
RT: 10.99 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		303004		
194	3.5	2.7	4.1		
164	9.6	8.0	12.0		





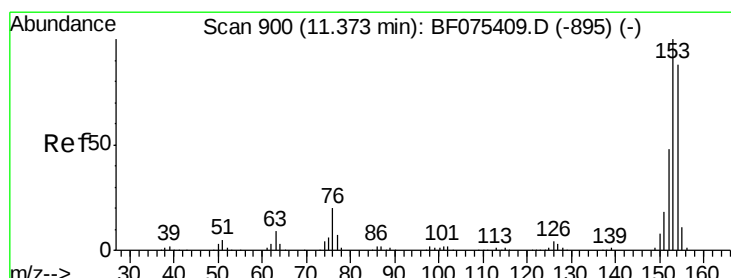
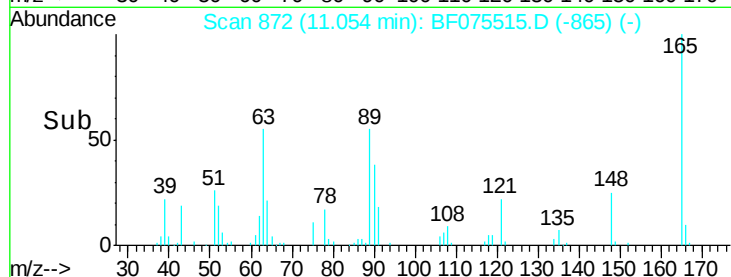
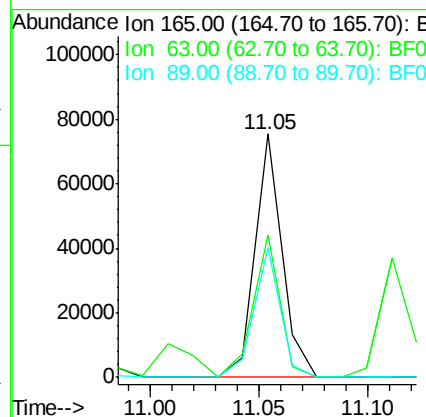
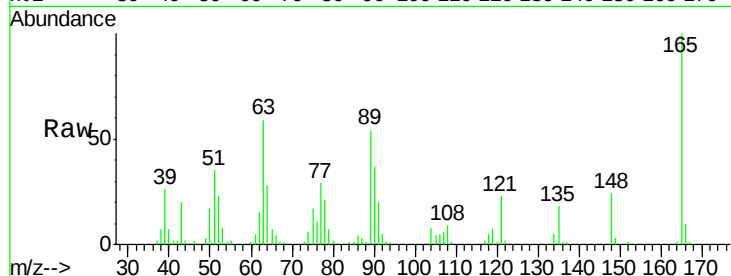
#50
2,6-Dinitrotoluene
Concen: 41.48 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	58.5	61.2	91.8#
89	53.5	52.5	78.7

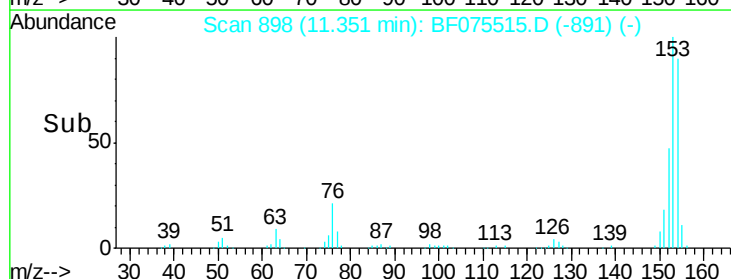
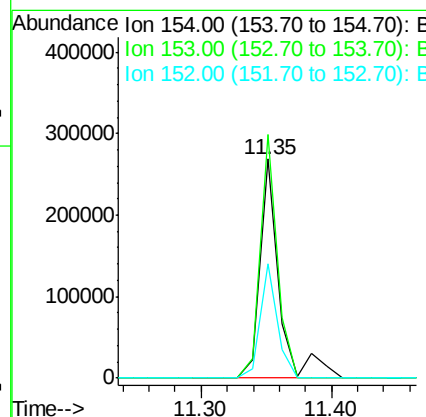
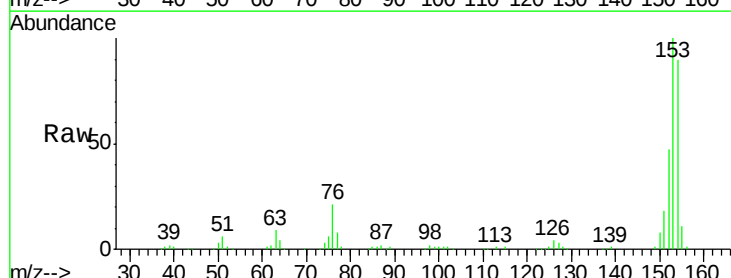
Manual Integrations
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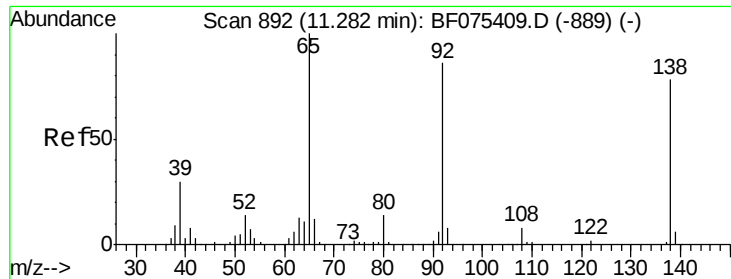
mohammad
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#51
Acenaphthene
Concen: 45.47 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	111.3	91.2	136.8
152	52.5	43.4	65.0





#52

3-Nitroaniline

Concen: 24.20 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

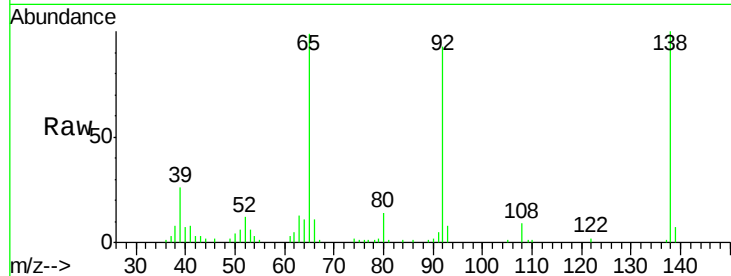
ClientSampleId :

PB80189BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	10.2	15.2#
92	92.6	91.0	136.6

Manual Integrations
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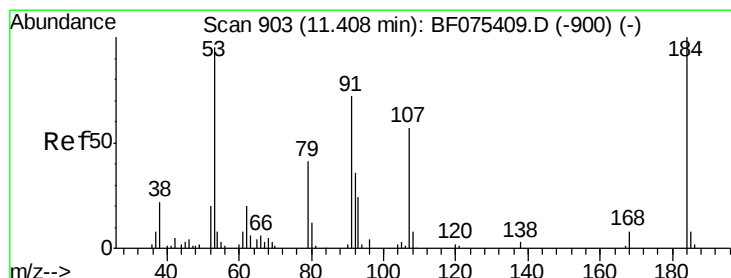
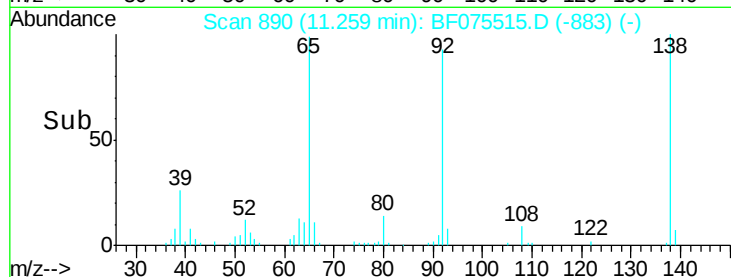
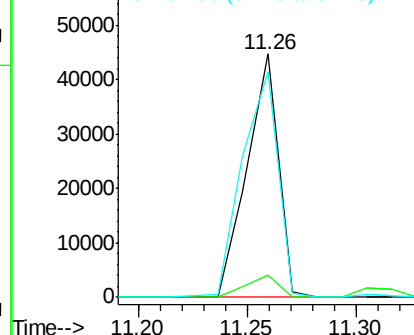
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 70.64 ng

RT: 11.39 min Scan# 901

Delta R.T. -0.02 min

Lab File: BF075515.D

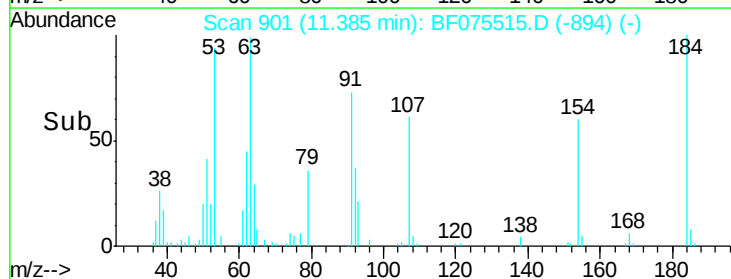
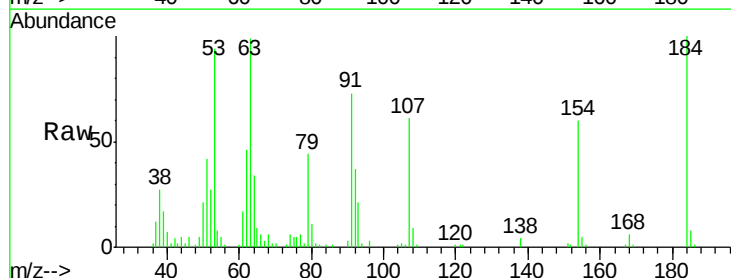
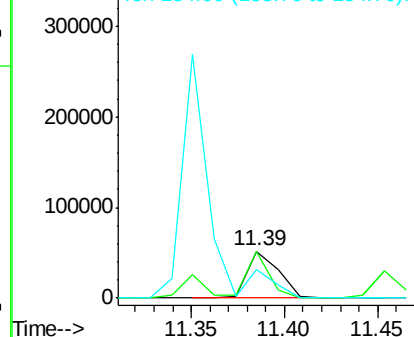
Acq: 15 Nov 2014 1:17

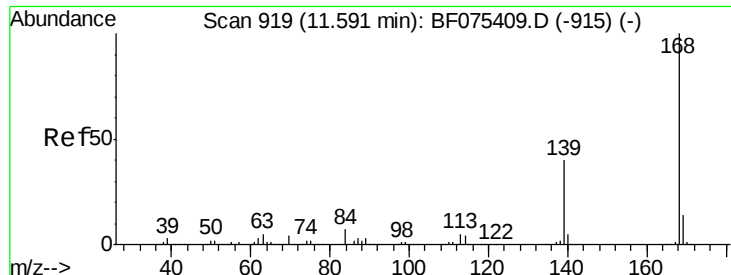
Tgt Ion	Ratio	Lower	Upper
184	100		
63	98.8	96.3	144.5
154	60.4	56.2	84.4

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





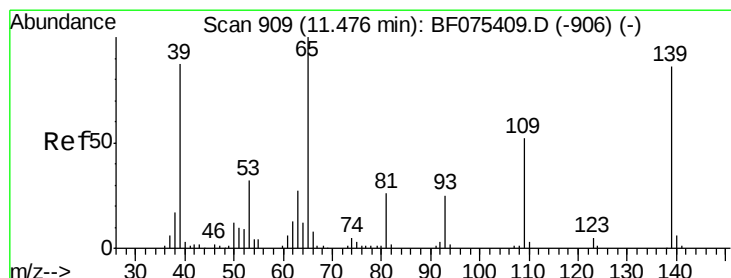
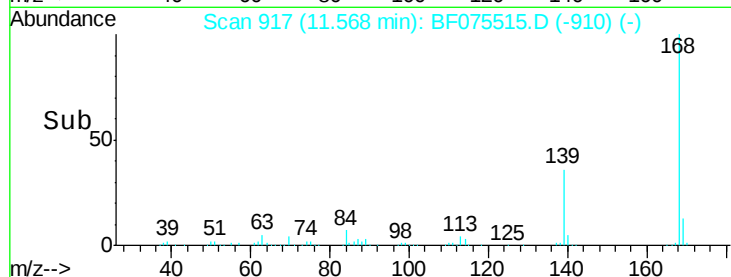
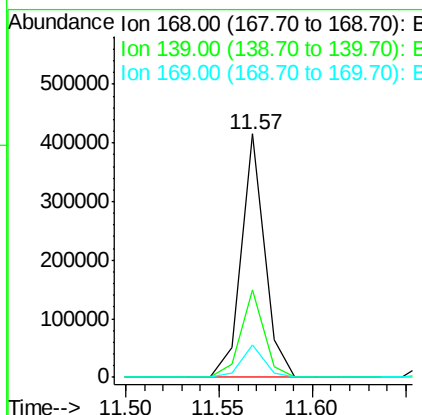
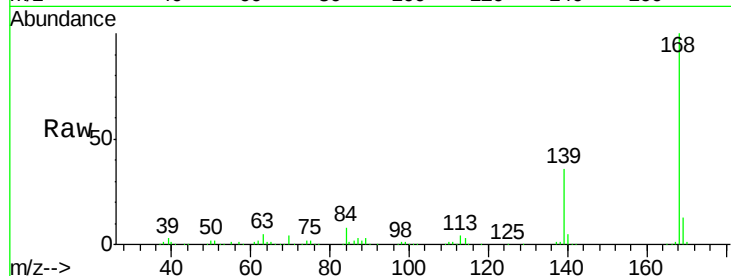
#54
Dibenzenofuran
Concen: 41.65 ng
RT: 11.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	363650		
139	35.8	33.0	49.4	
169	13.4	10.8	16.2	

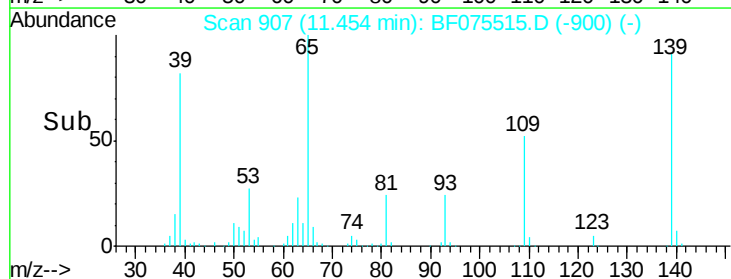
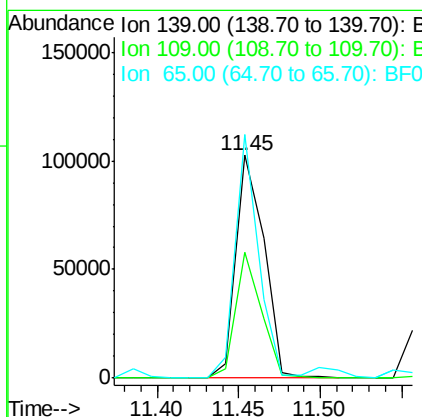
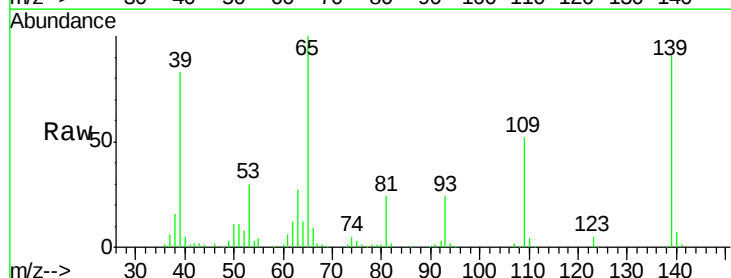
Manual Integrations
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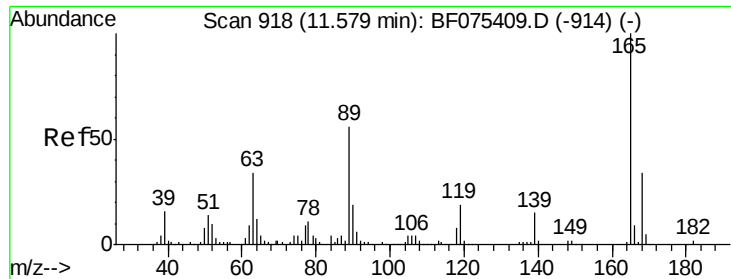
mohammad
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#55
4-Nitrophenol
Concen: 82.39 ng
RT: 11.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	121708		
109	56.8	45.8	85.8	
65	109.4	94.8	134.8	





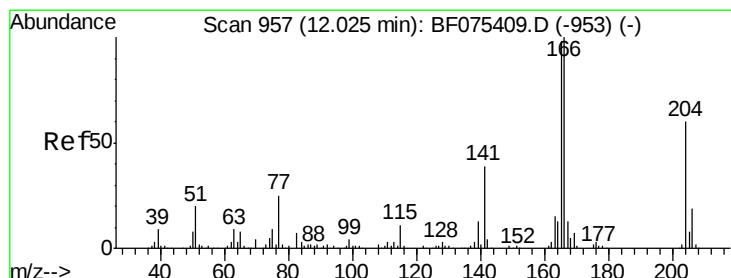
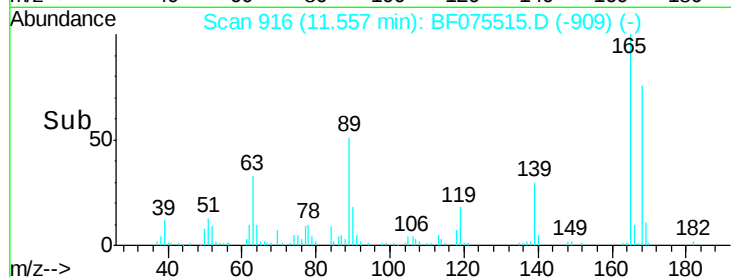
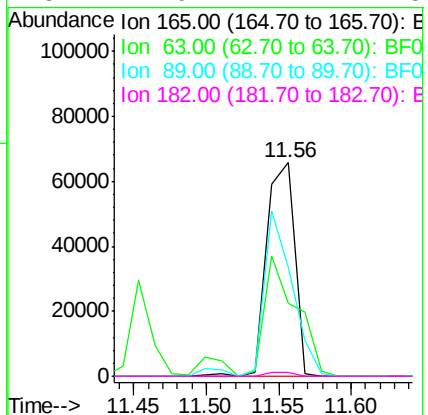
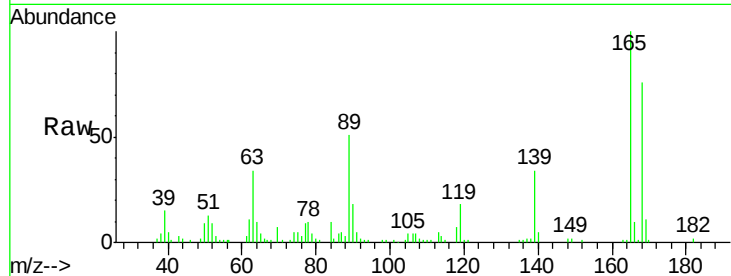
#56
2,4-Dinitrotoluene
Concen: 42.52 ng
RT: 11.56 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		87553		
63	34.3	27.0	40.6		
89	50.8	47.8	71.6		
182	1.9	1.7	2.5		

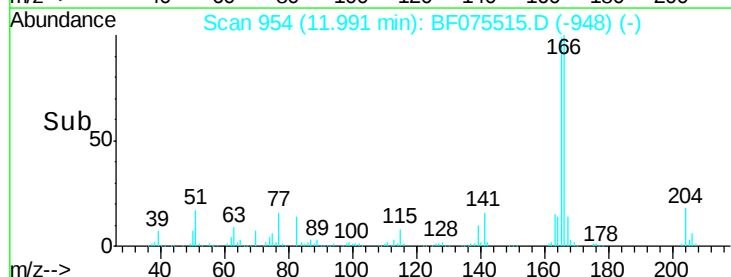
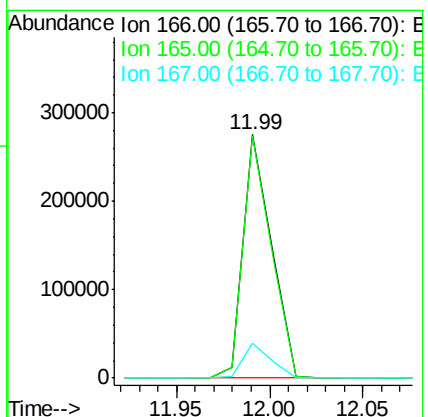
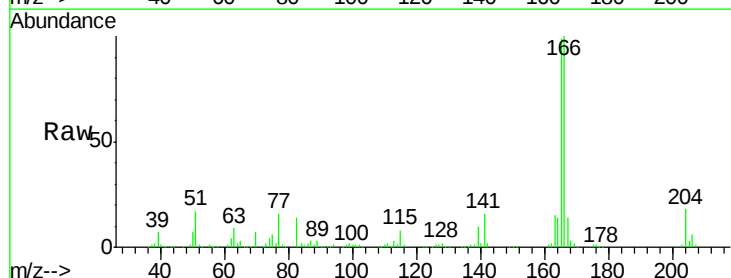
Manual Integrations
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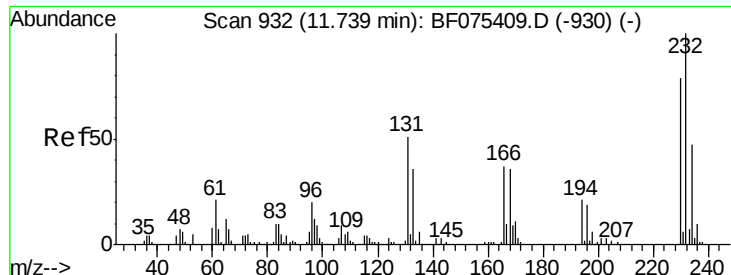
mohammad
11/17/2014 7:35:04 PM



#57
Fluorene
Concen: 41.04 ng
RT: 11.99 min Scan# 954
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		289827		
165	99.5	78.8	118.2		
167	14.1	10.6	15.8		





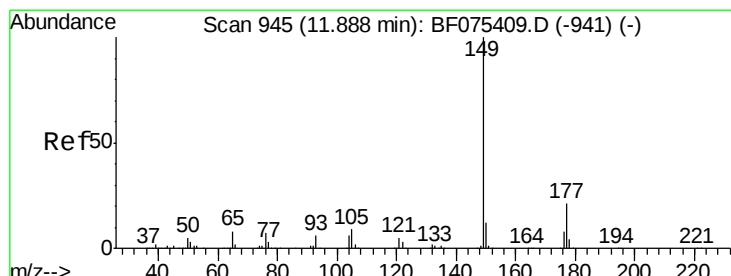
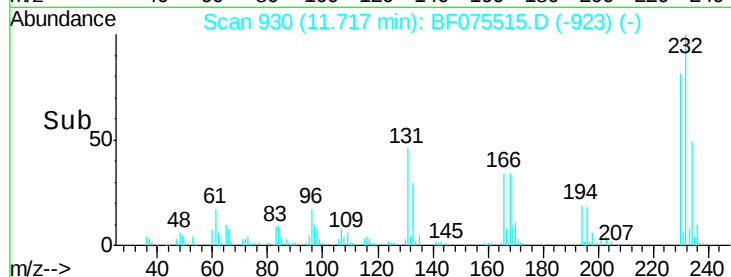
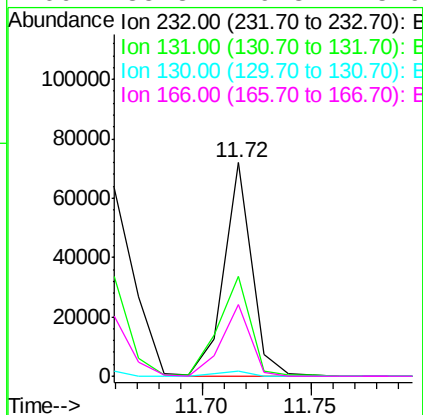
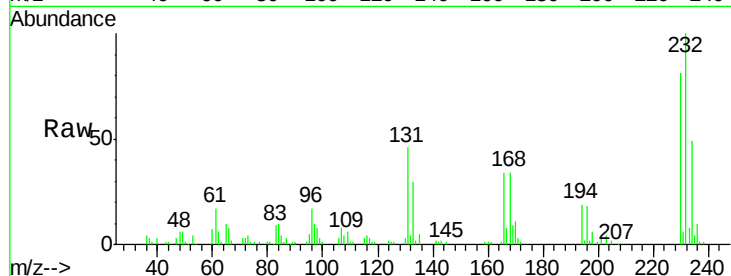
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.49 ng
 RT: 11.72 min Scan# 930
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.8	44.6	67.0
130	2.8	2.5	3.7
166	35.3	29.3	43.9

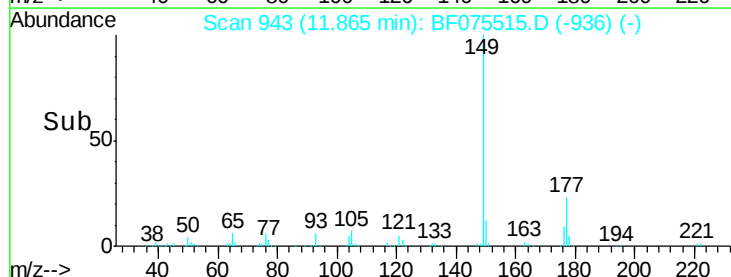
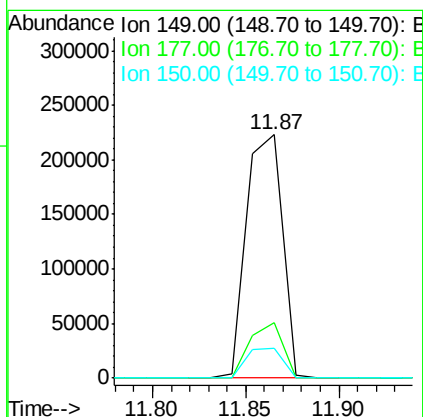
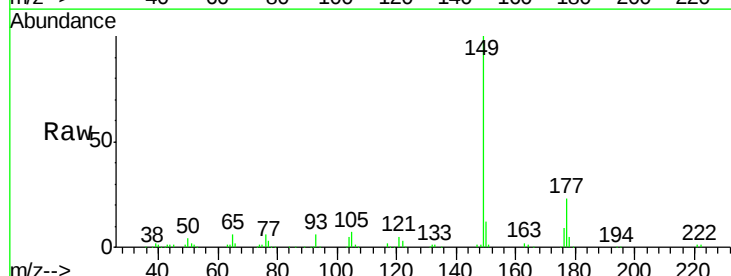
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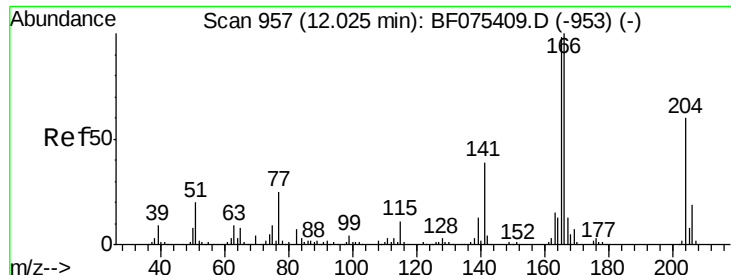
mohammad
 11/17/2014 7:35:04 PM



#59
 Diethylphthalate
 Concen: 36.11 ng
 RT: 11.87 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	15.8	23.8
150	12.1	9.9	14.9





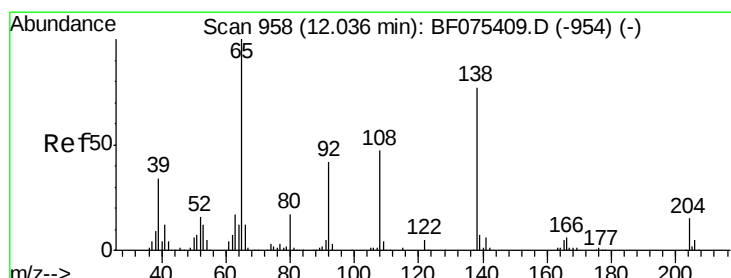
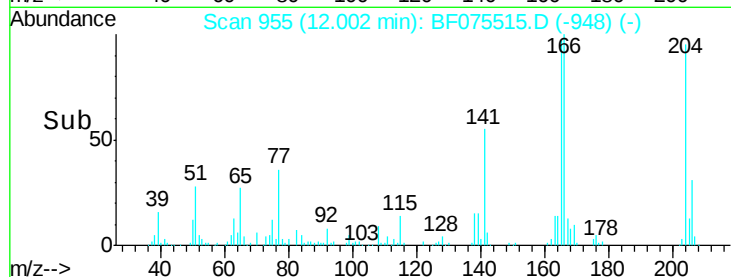
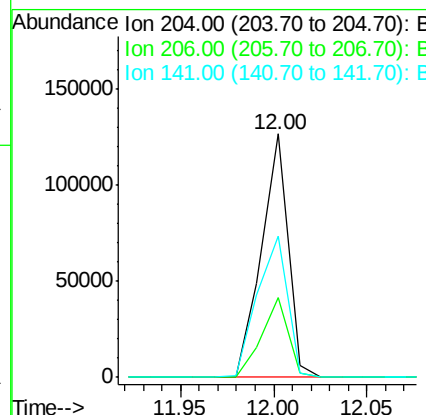
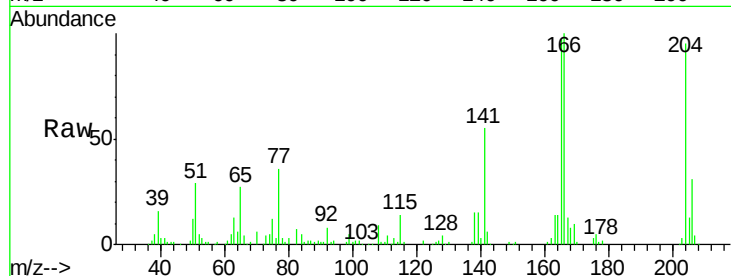
#60
 4-Chlorophenyl-phenylether
 Concen: 41.20 ng
 RT: 12.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.6	25.1	37.7
141	57.8	58.6	87.8#

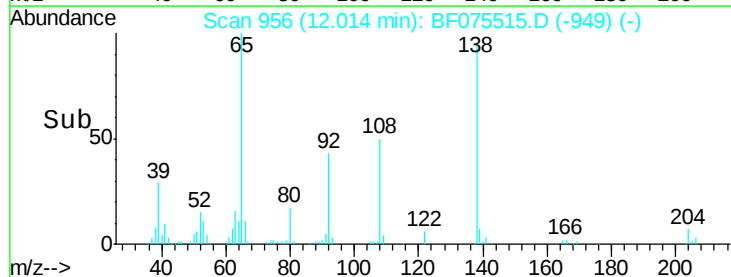
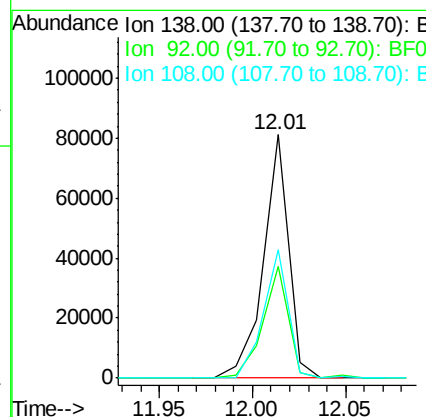
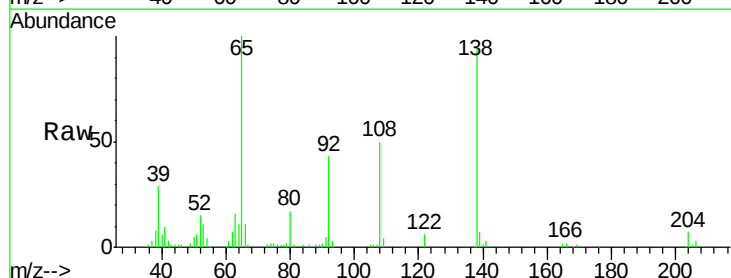
Manual Integrations
 APPROVED

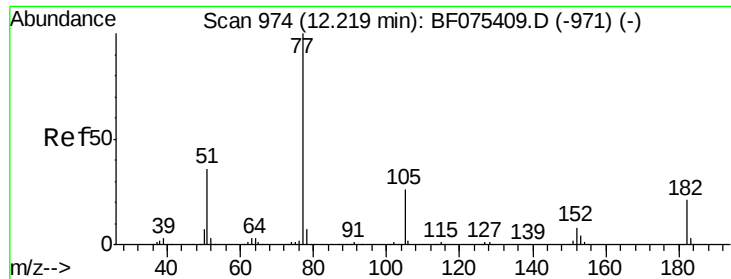
mohammad
 11/17/2014 7:35:04 PM



#61
 4-Nitroaniline
 Concen: 40.76 ng
 RT: 12.01 min Scan# 956
 Delta R.T. -0.02 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	46.0	34.8	74.8
108	52.9	50.6	90.6





#62

Azobenzene

Concen: 41.18 ng

RT: 12.20 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF075515.D

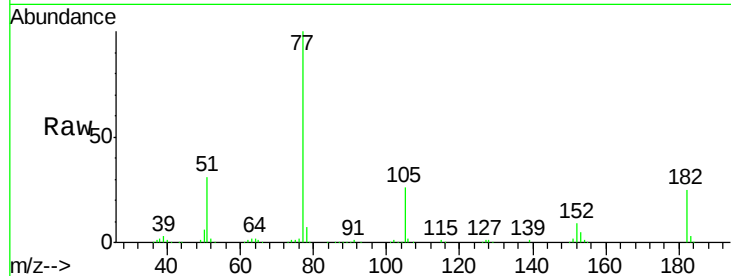
Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

ClientSampleId :

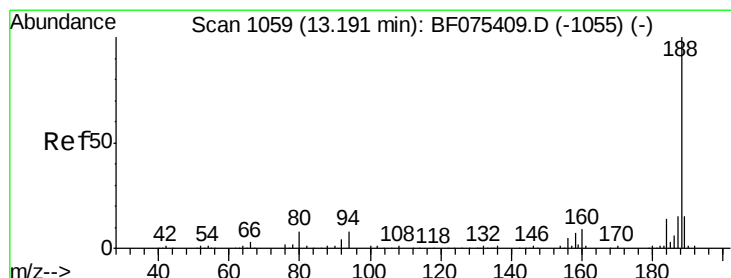
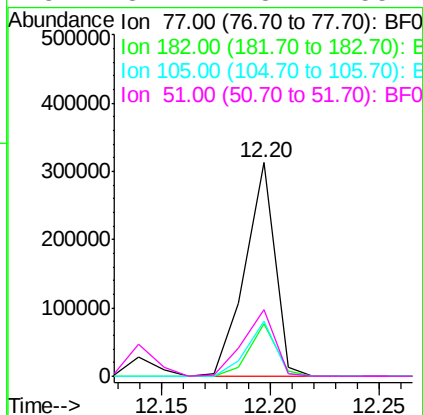
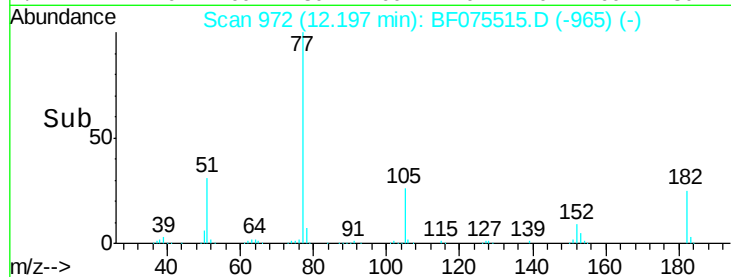
PB80189BSD



Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.6	0.0	37.1	
105	25.8	3.7	43.7	
51	31.1	18.7	58.7	

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#63

Phenanthrene-d10

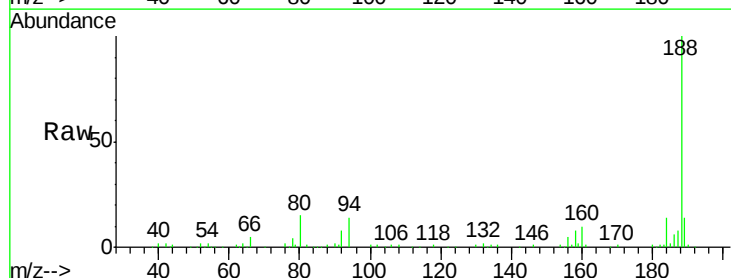
Concen: 20.00 ng

RT: 13.16 min Scan# 1056

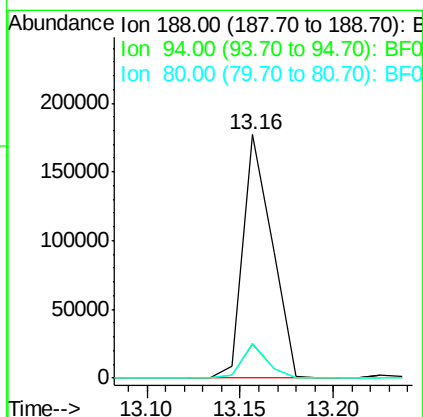
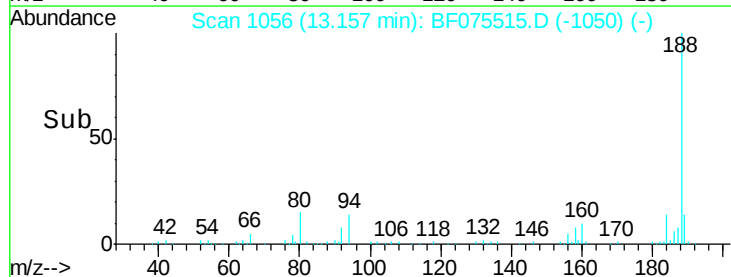
Delta R.T. -0.03 min

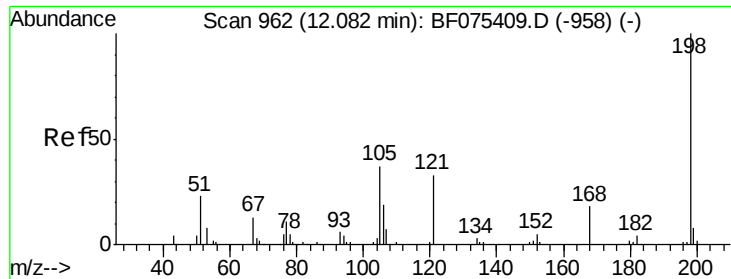
Lab File: BF075515.D

Acq: 15 Nov 2014 1:17



Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.7	7.8	11.6#	
80	14.6	8.0	12.0#	





#64

4,6-Dinitro-2-methylphenol

Concen: 39.74 ng

RT: 12.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF075515.D

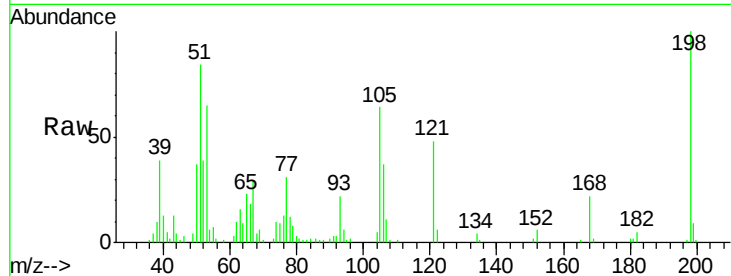
Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

ClientSampleId :

PB80189BSD



Tot Ion:198 Resp: 38476

Ion Ratio Lower Upper

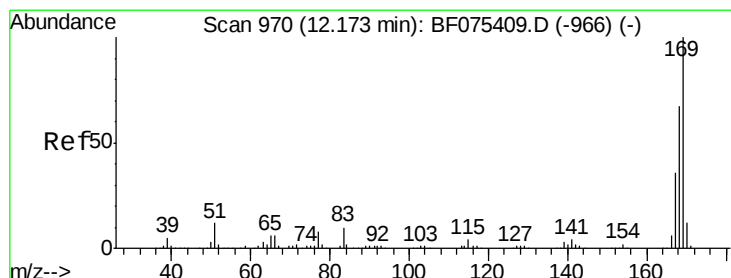
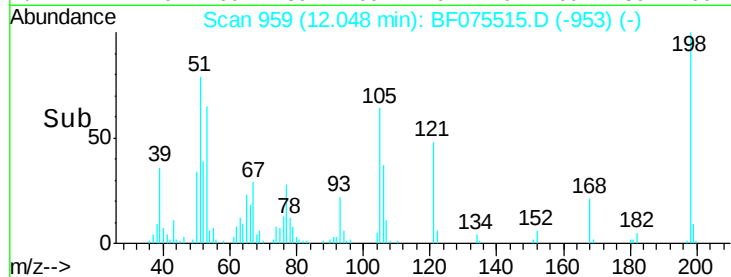
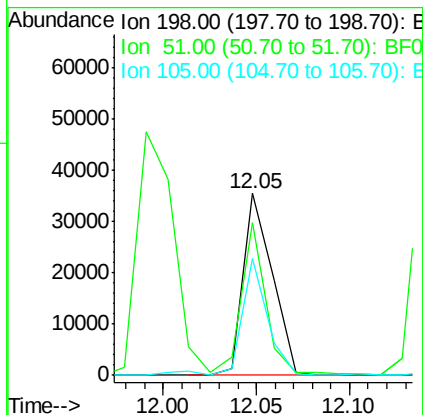
198 100

51 83.6 26.0 66.0#

105 64.4 24.2 64.2#

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#65

n-Nitrosodiphenylamine

Concen: 40.12 ng

RT: 12.14 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

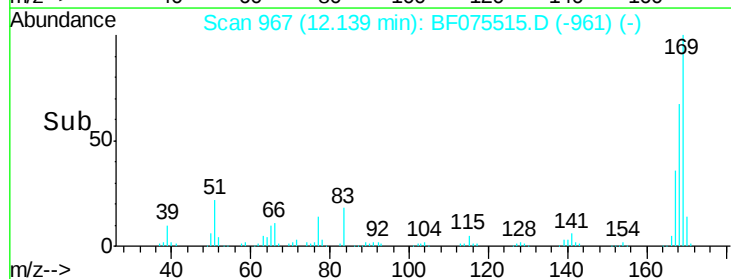
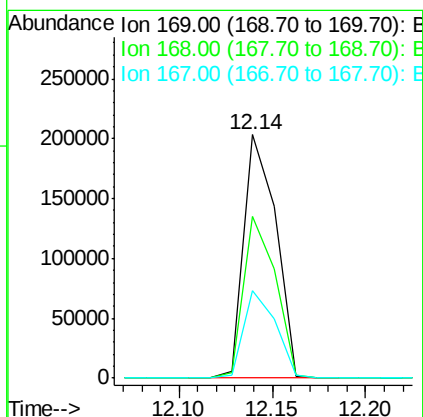
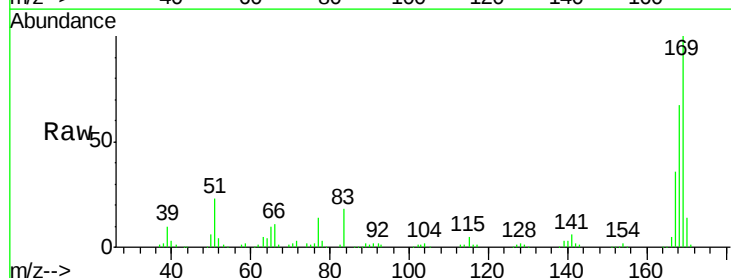
Tgt Ion:169 Resp: 242934

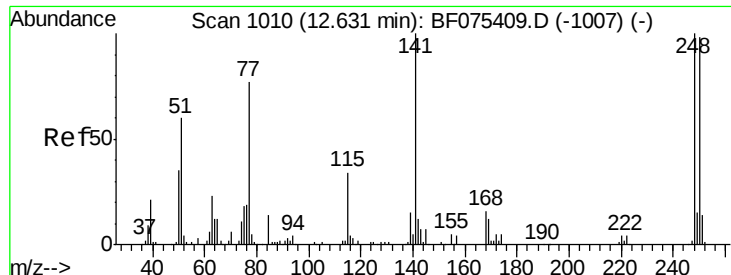
Ion Ratio Lower Upper

169 100

168 66.6 53.5 80.3

167 35.8 29.8 44.6





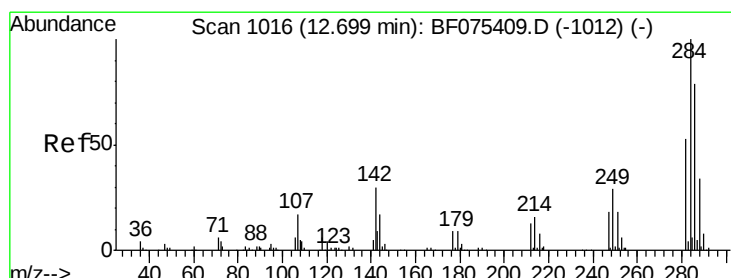
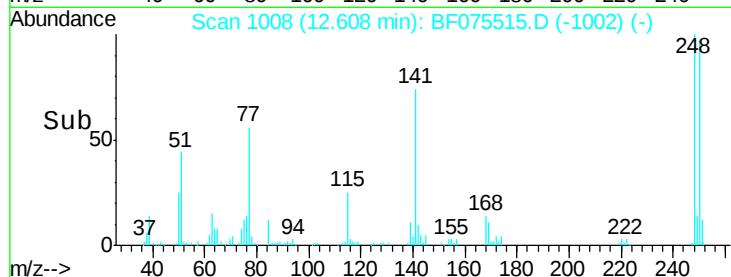
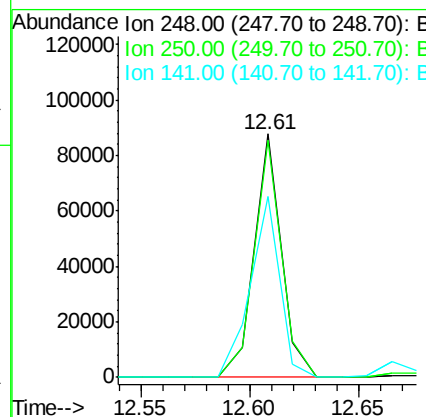
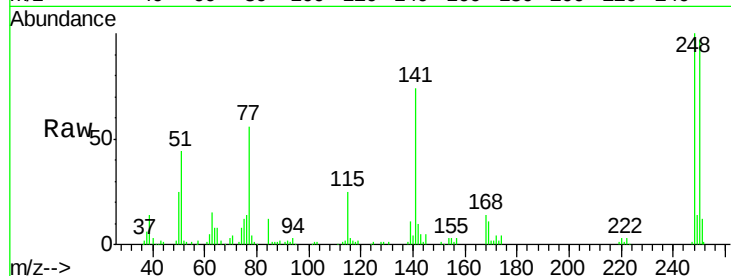
#66
4-Bromophenyl-phenylether
Concen: 42.44 ng
RT: 12.61 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.3	114.5
141	74.4	44.3	66.5

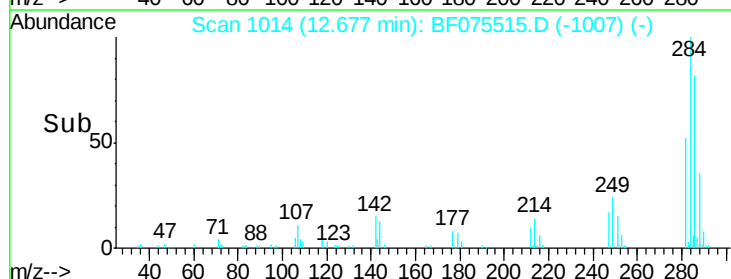
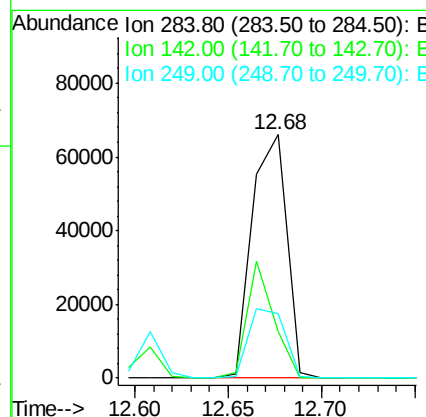
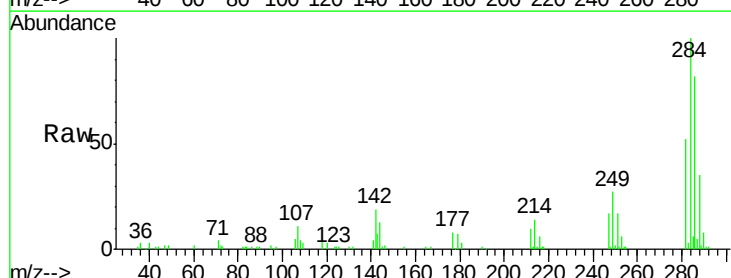
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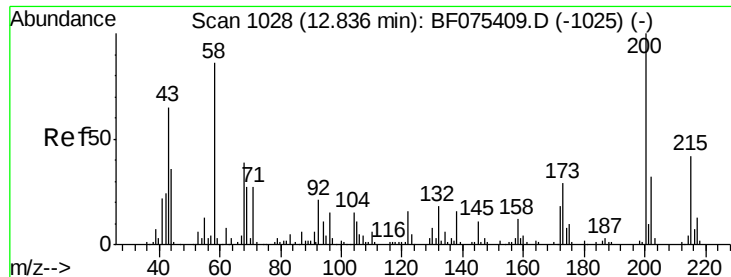
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#67
Hexachlorobenzene
Concen: 41.58 ng
RT: 12.68 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	19.2	28.7	43.1
249	26.6	24.1	36.1





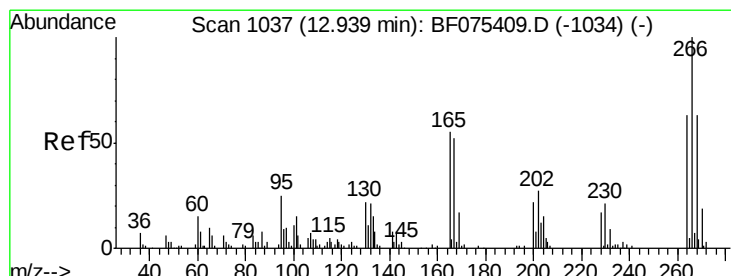
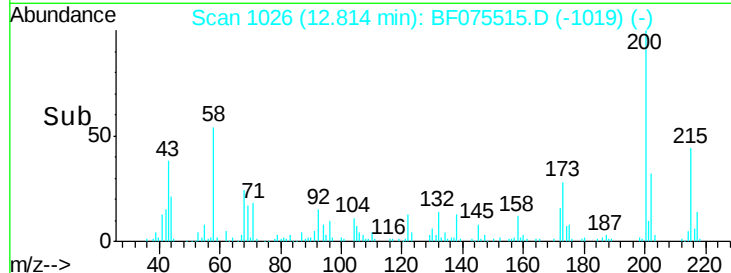
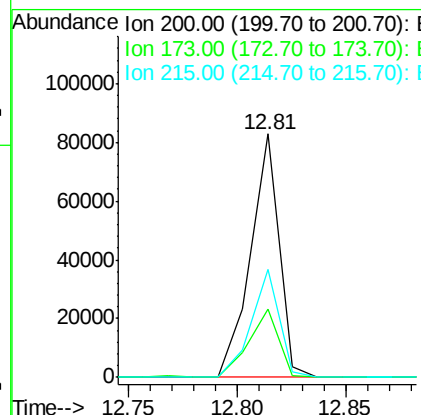
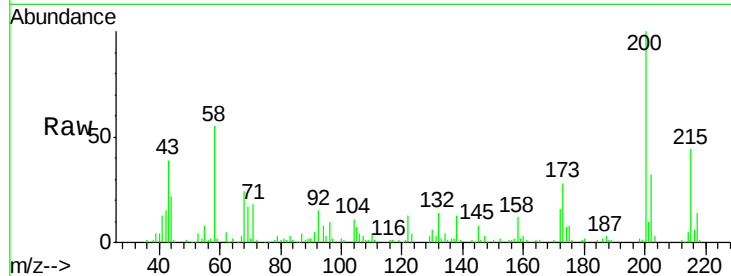
#68
Atrazine
Concen: 40.09 ng
RT: 12.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	12.3	52.3
215	44.1	23.8	63.8

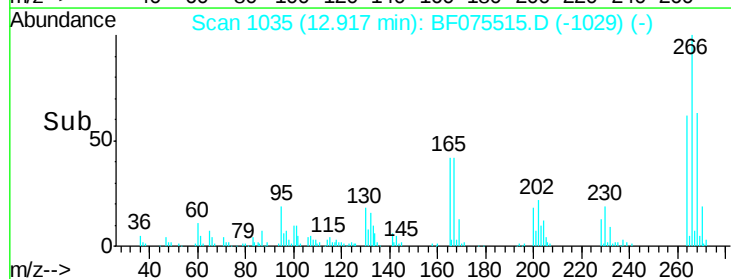
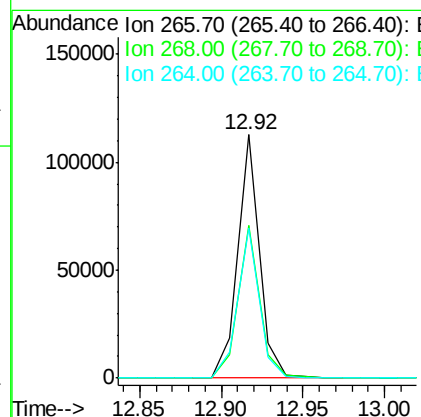
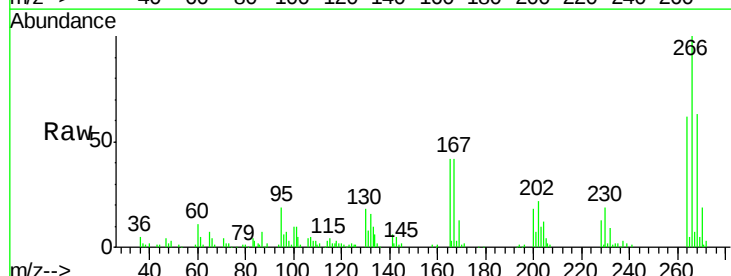
Manual Integrations
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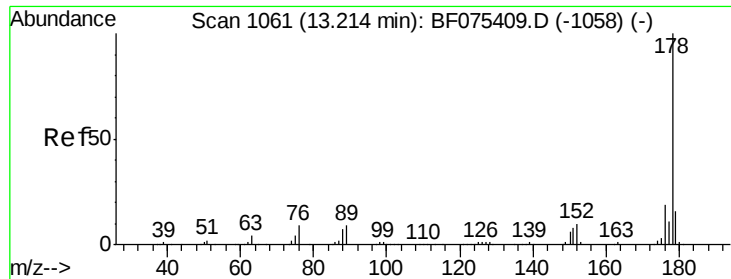
mohammad
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#69
Pentachlorophenol
Concen: 80.72 ng
RT: 12.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	48.6	73.0
264	61.6	52.1	78.1





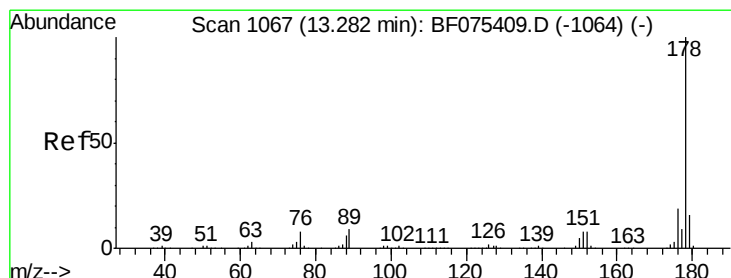
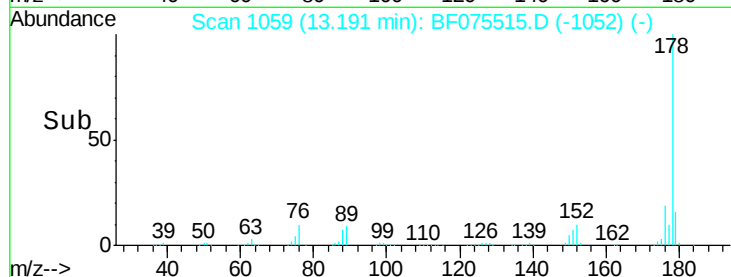
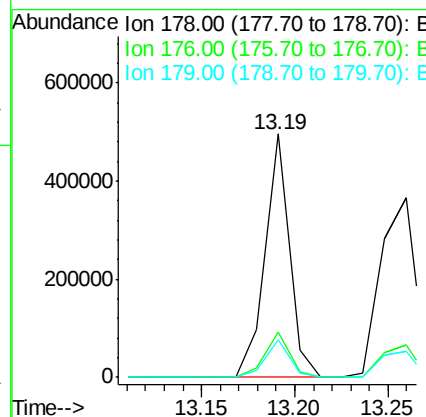
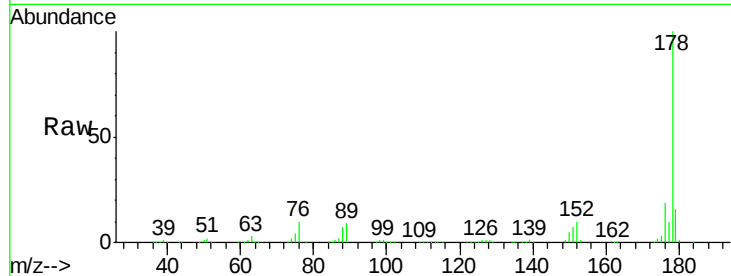
#70
Phenanthrene
Concen: 44.33 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.2	18.4

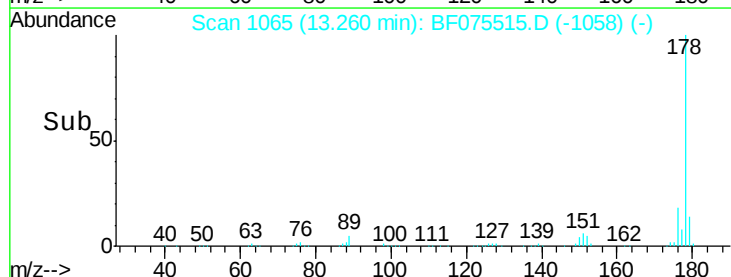
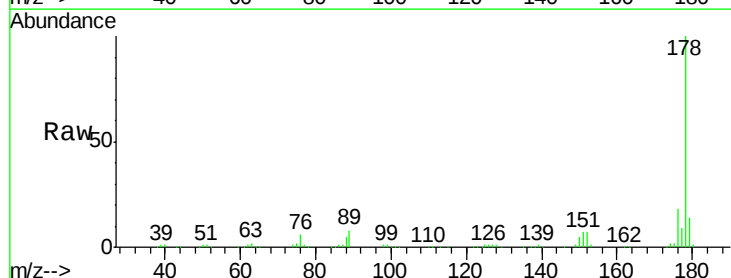
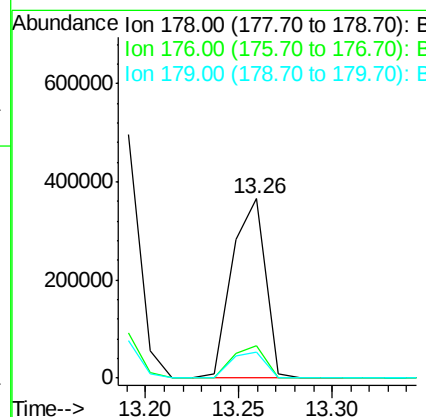
Manual Integrations
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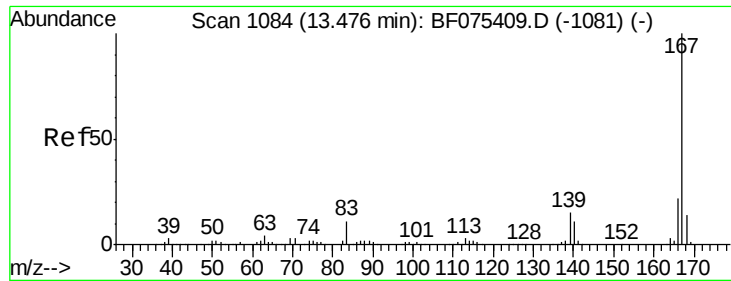
mohammad
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#71
Anthracene
Concen: 43.92 ng
RT: 13.26 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.1	22.7
179	14.4	12.2	18.2





#72

Carbazole

Concen: 41.69 ng

RT: 13.45 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

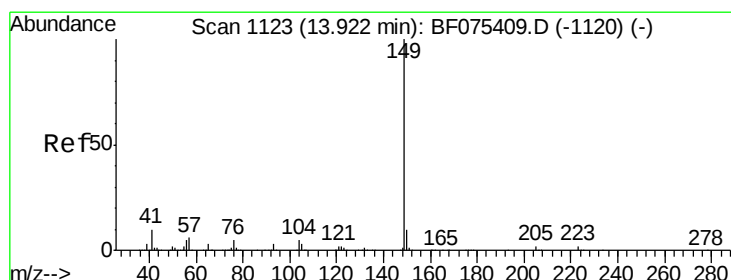
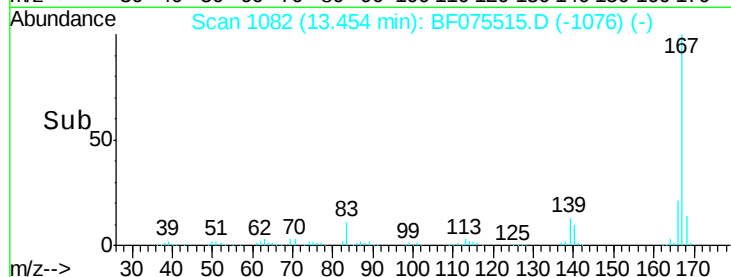
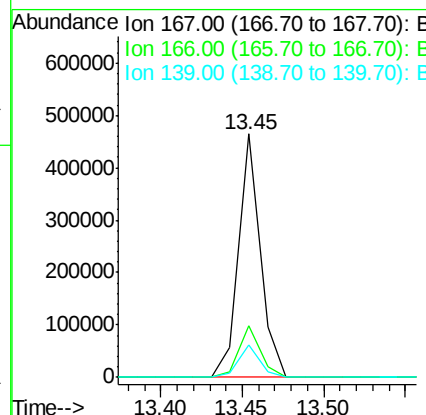
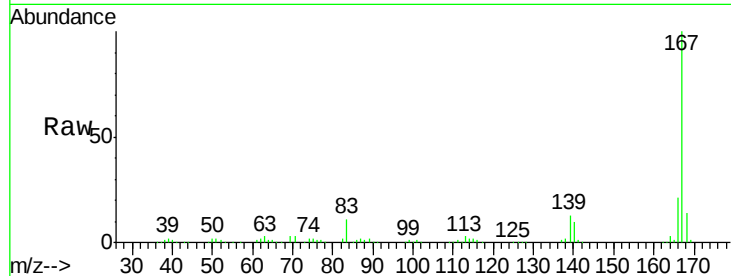
ClientSampleId :

PB80189BSD

Tot Ion:	167	Resp:	424775
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.4	26.0
139	13.3	10.1	15.1

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 36.27 ng

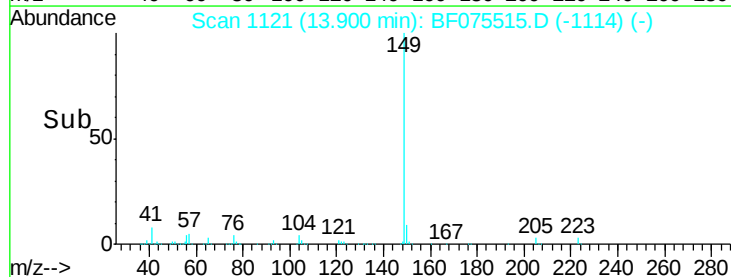
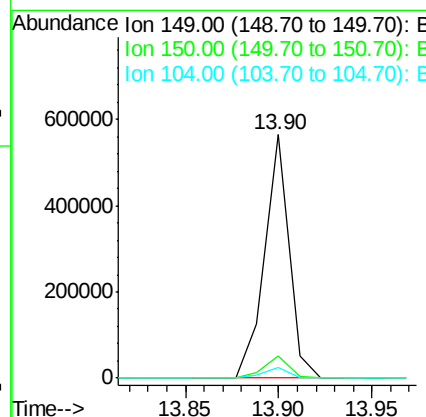
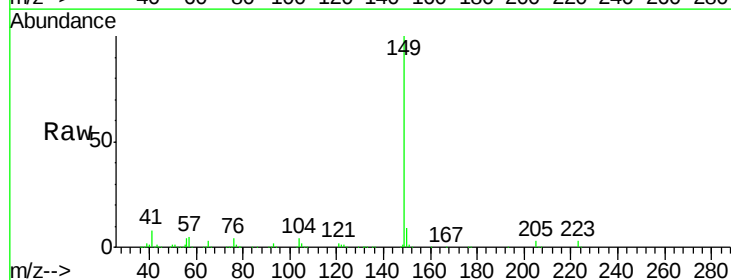
RT: 13.90 min Scan# 1121

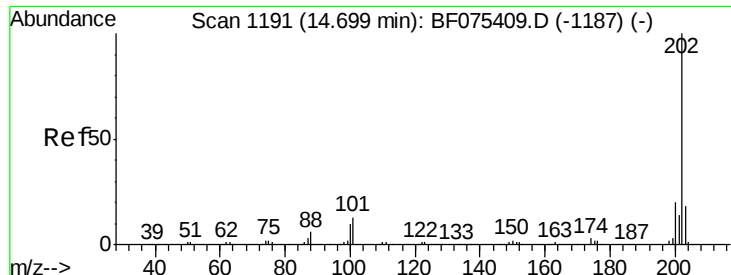
Delta R.T. -0.02 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	149	Resp:	510534
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.3	10.9
104	4.2	3.1	4.7





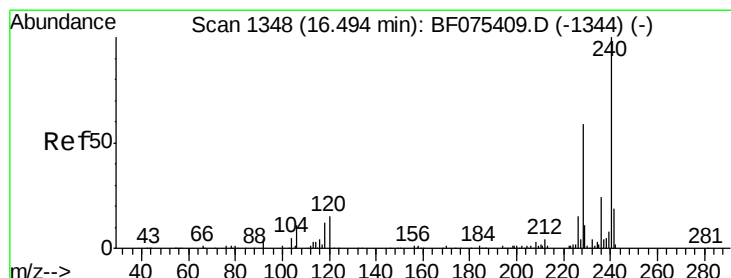
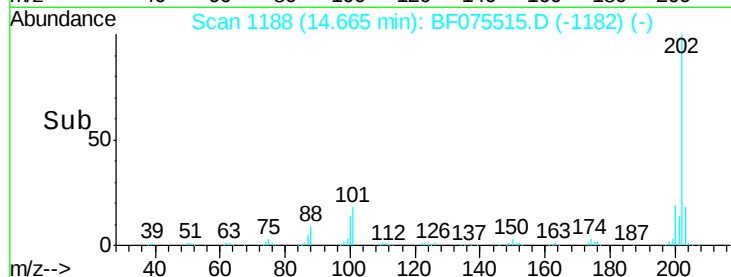
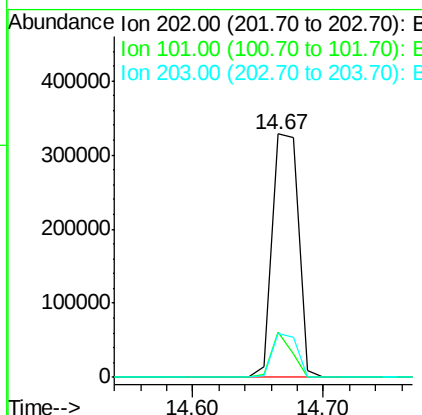
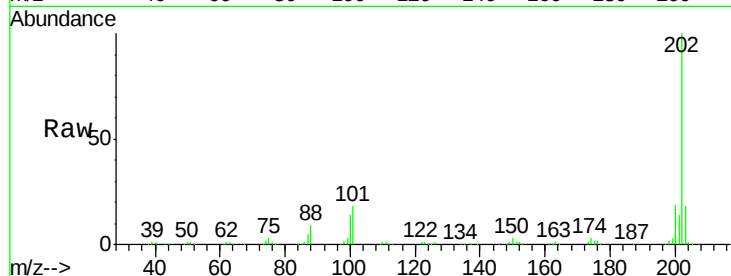
#74
Fluoranthene
Concen: 43.01 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.4	0.0	36.6
203	18.0	0.0	38.2

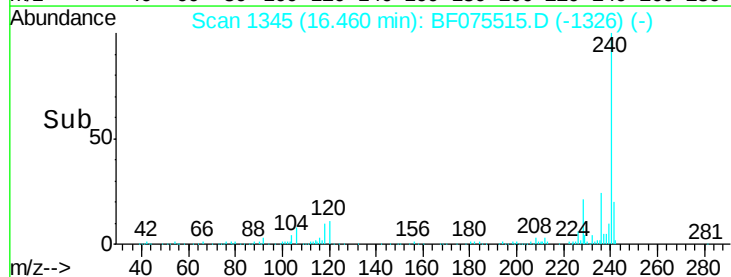
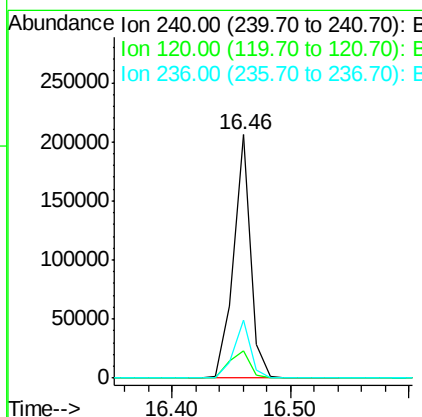
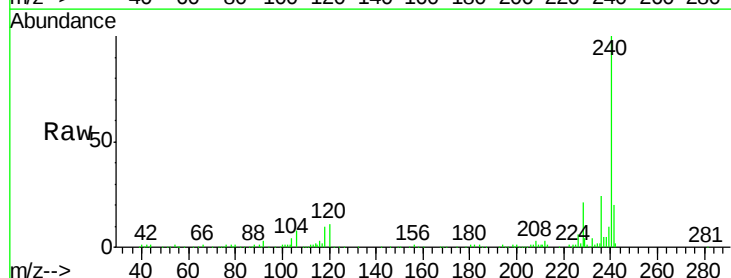
Manual Integrations
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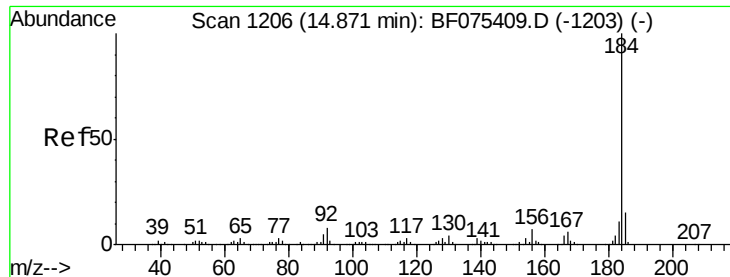
mohammad
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.2	9.6	14.4
236	23.9	18.9	28.3





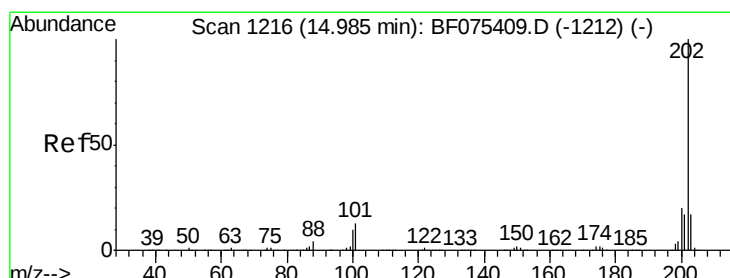
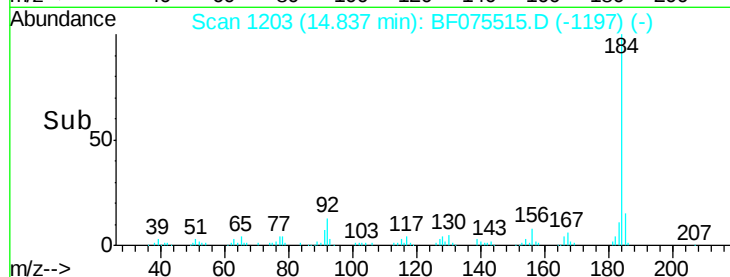
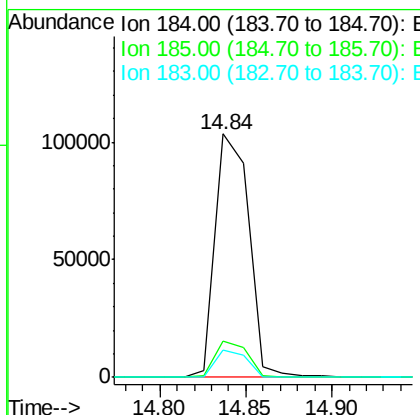
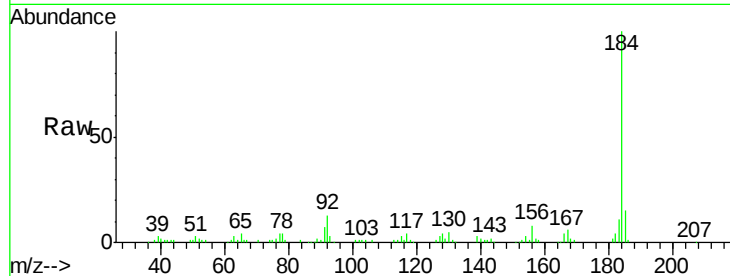
#76
Benzidine
Concen: 21.61 ng m
RT: 14.84 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.8	10.9	16.3
183	11.0	8.7	13.1

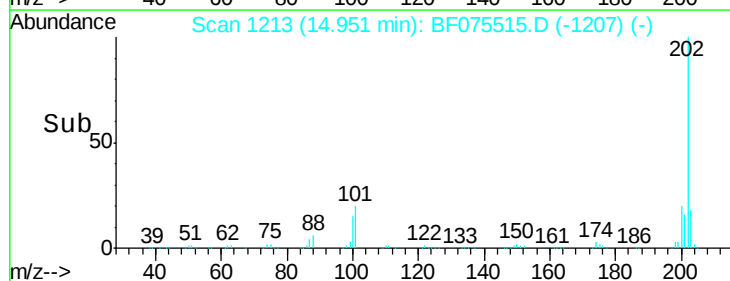
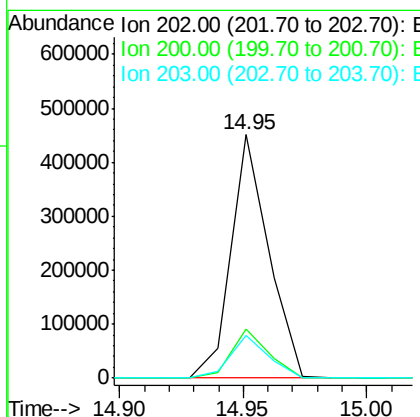
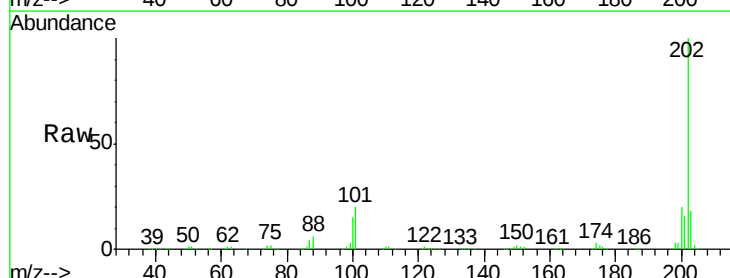
Manual Integrations
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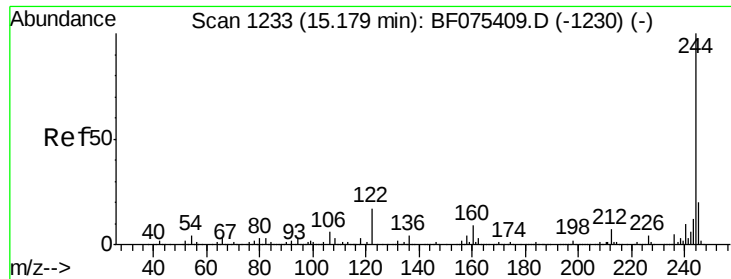
mohammad
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#77
Pyrene
Concen: 39.86 ng m
RT: 14.95 min Scan# 1213
Delta R.T. -0.03 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.8	25.2
203	17.8	14.3	21.5





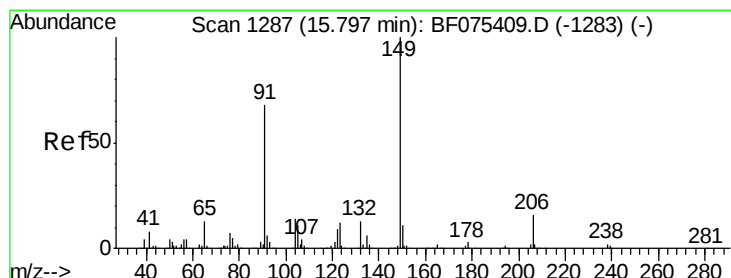
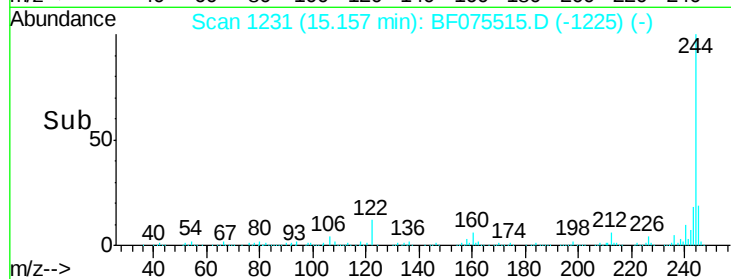
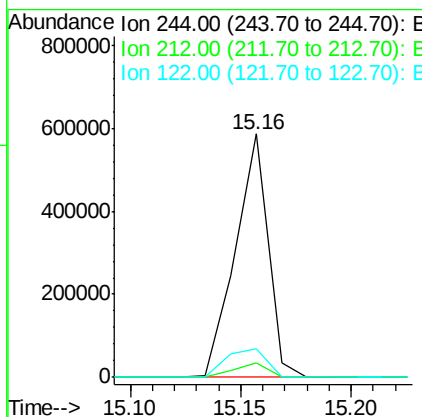
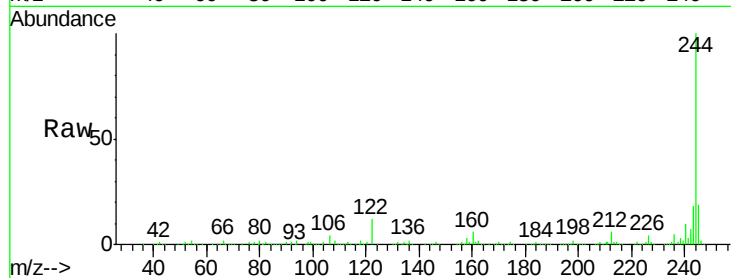
#78
 Terphenyl-d14
 Concen: 78.48 ng/ml
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.03 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Instrument :
 BNA_F
 ClientSampleId :
 PB80189BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	5.8	5.5	8.3
122	11.5	9.7	14.5

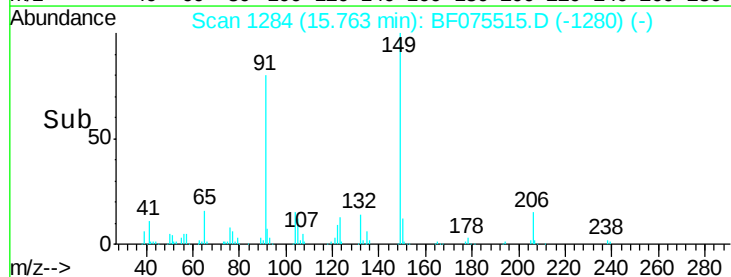
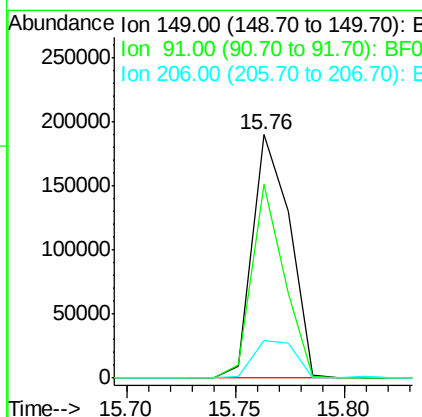
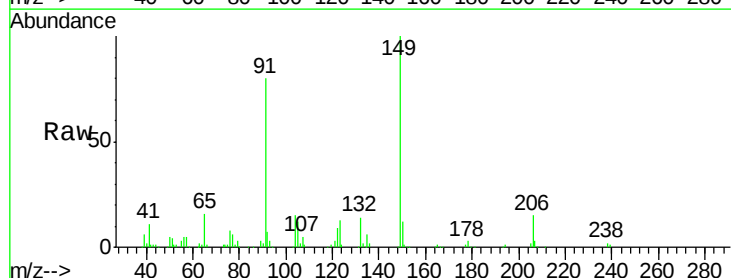
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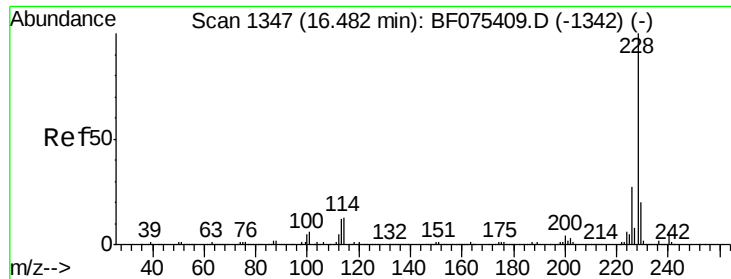
mohammad
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#79
 Butylbenzylphthalate
 Concen: 33.90 ng/ml
 RT: 15.76 min Scan# 1284
 Delta R.T. -0.06 min
 Lab File: BF075515.D
 Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	79.6	49.0	73.4#
206	15.5	15.5	23.3#





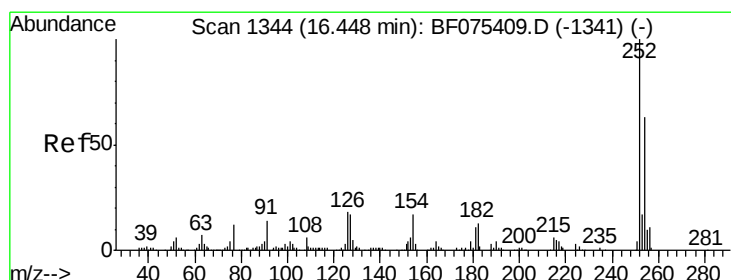
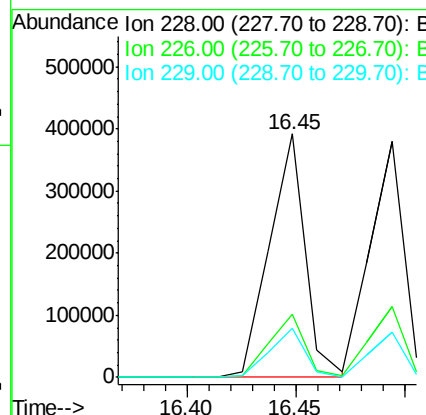
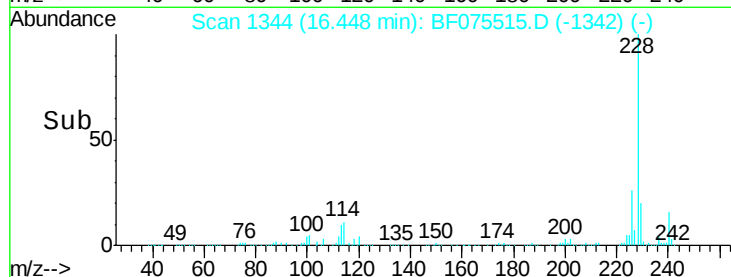
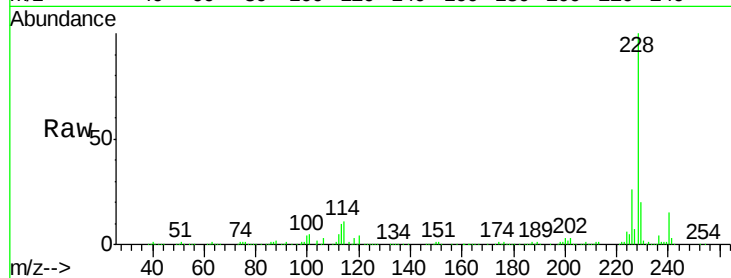
#80
Benzo(a)anthracene
Concen: 41.68 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.08 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.8	32.8
229	20.0	15.3	22.9

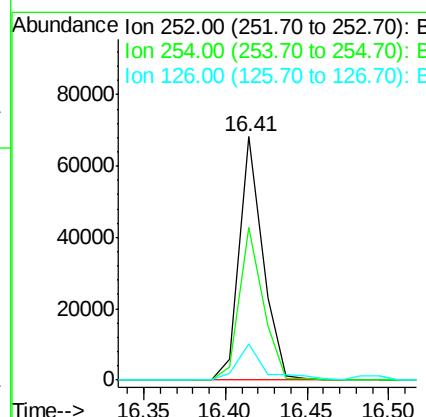
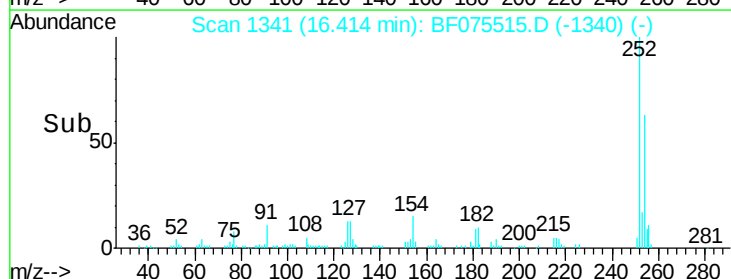
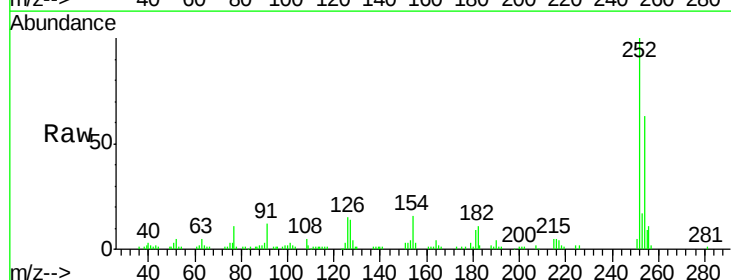
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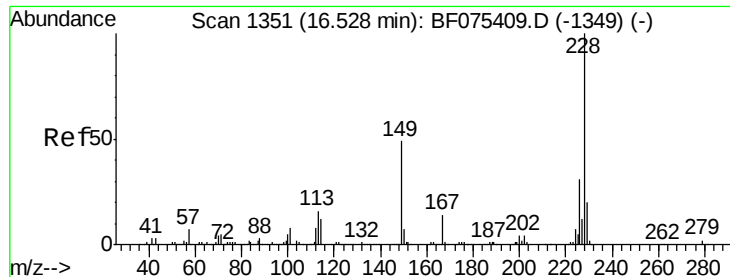
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 17.07 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.09 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.0	75.0
126	14.8	16.0	24.0#





#82

Chrysene

Concen: 44.17 ng

RT: 16.49 min Scan# 1348

Delta R.T. -0.08 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

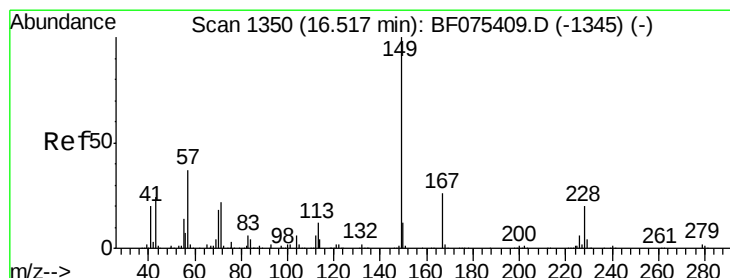
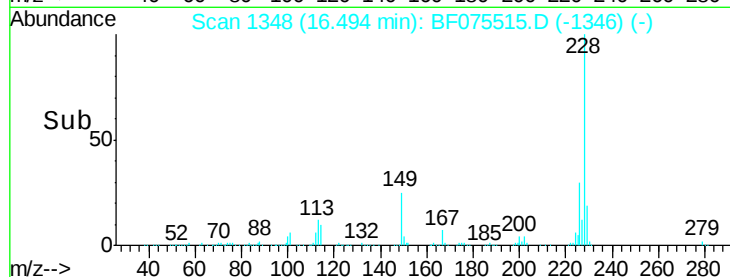
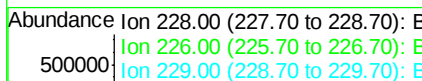
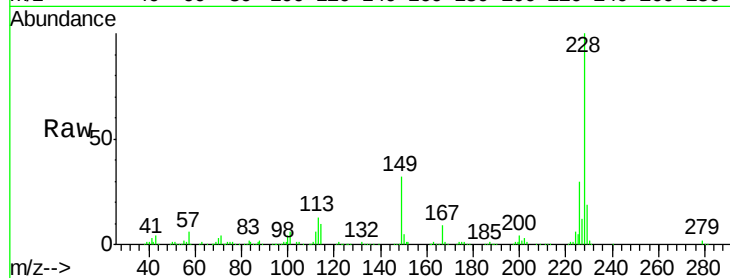
ClientSampleId :

PB80189BSD

Tot Ion:	228	Resp:	412005
Ion Ratio		Lower	Upper
228	100		
226	30.3	23.8	35.6
229	19.2	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 31.19 ng

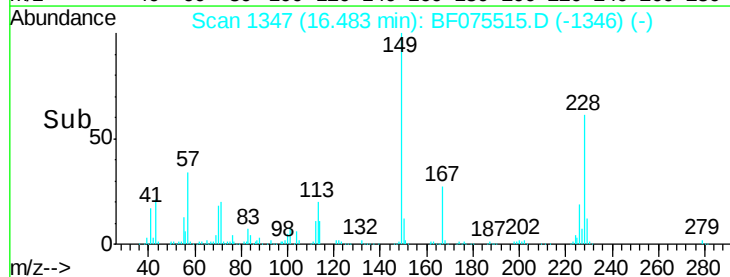
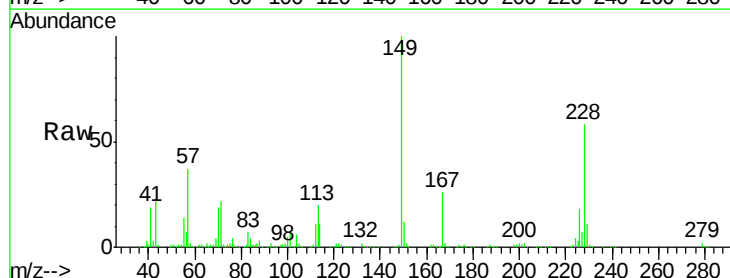
RT: 16.48 min Scan# 1347

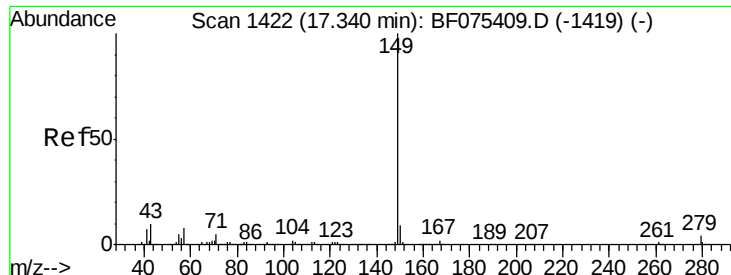
Delta R.T. -0.09 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	149	Resp:	329351
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.4	32.2
279	2.1	2.8	4.2#





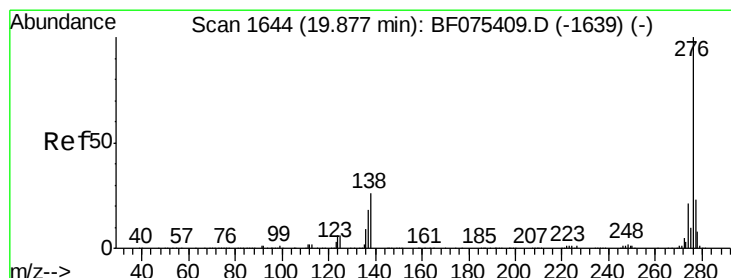
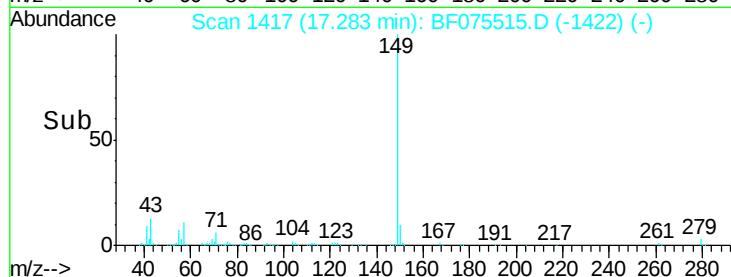
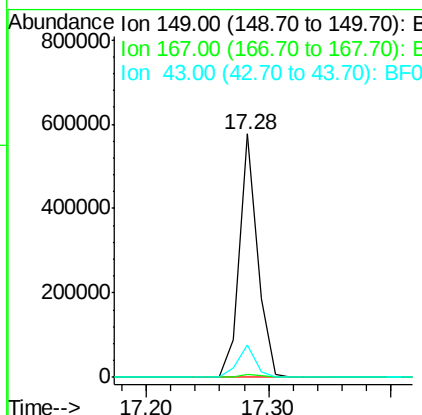
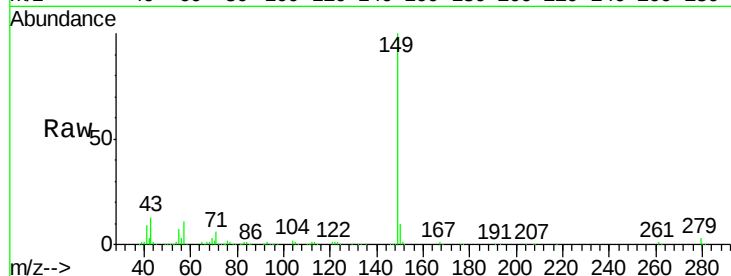
#84
Di-n-octyl phthalate
Concen: 31.95 ng m
RT: 17.28 min Scan# 1417
Delta R.T. -0.16 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	0.0	11.0	16.4#

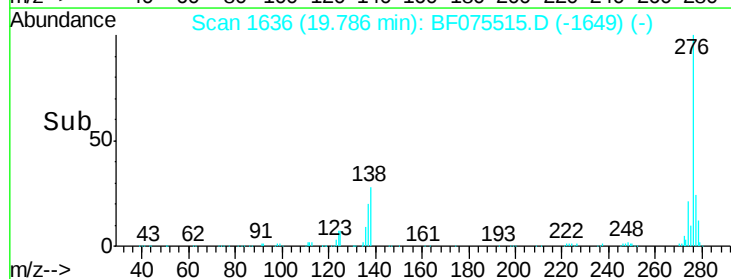
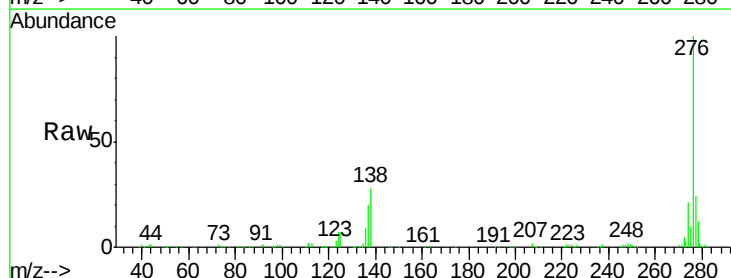
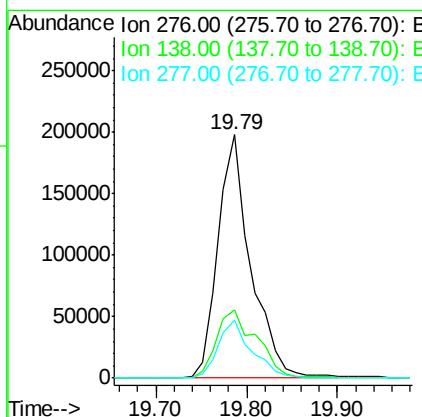
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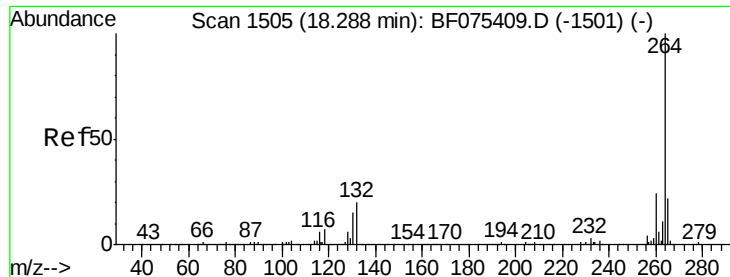
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#85
Indeno(1,2,3-cd)pyrene
Concen: 43.32 ng m
RT: 19.79 min Scan# 1636
Delta R.T. -0.25 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	0.0	0.0	0.0
277	0.0	0.0	0.0





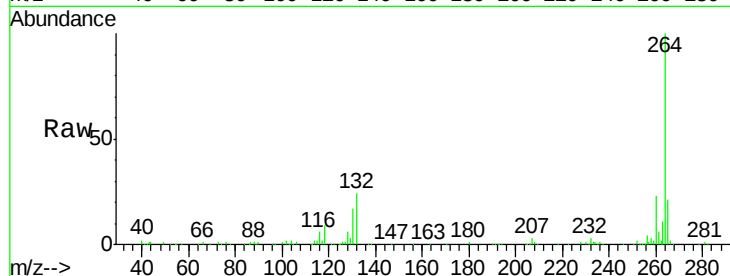
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.22 min Scan# 1499
Delta R.T. -0.22 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

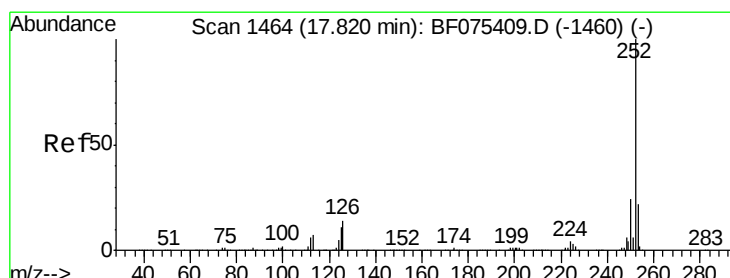
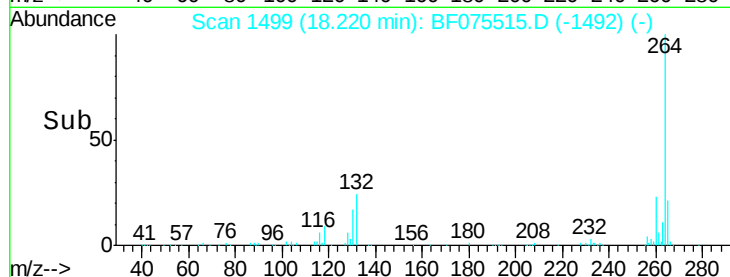
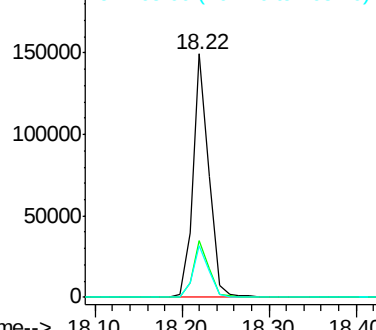
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.9	26.9
265	21.1	16.3	24.5

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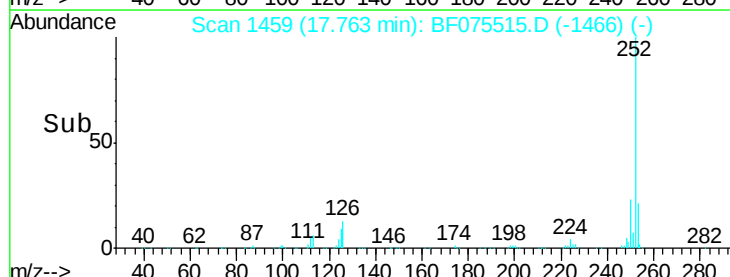
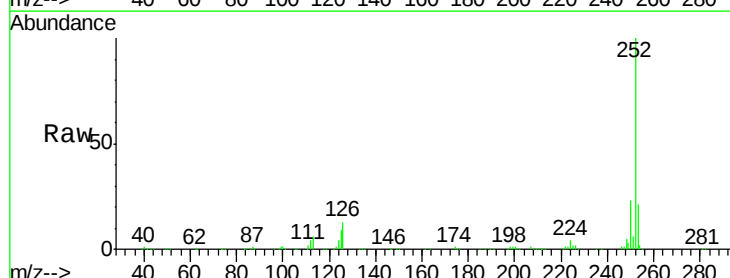
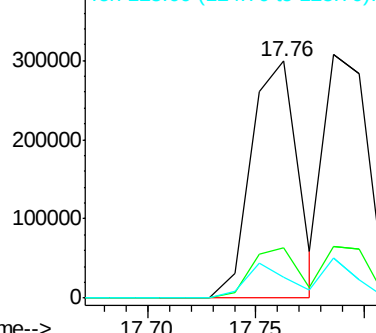
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

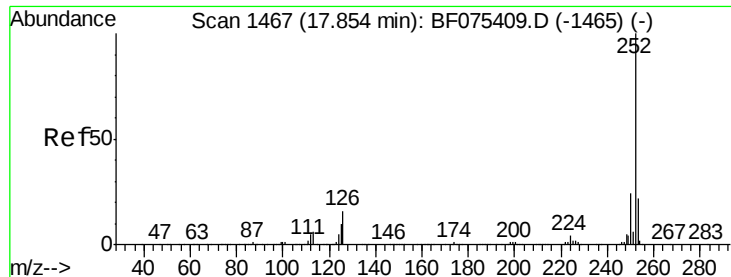


#87
Benzo(b)fluoranthene
Concen: 43.66 ng
RT: 17.76 min Scan# 1459
Delta R.T. -0.18 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	8.8	11.8	17.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





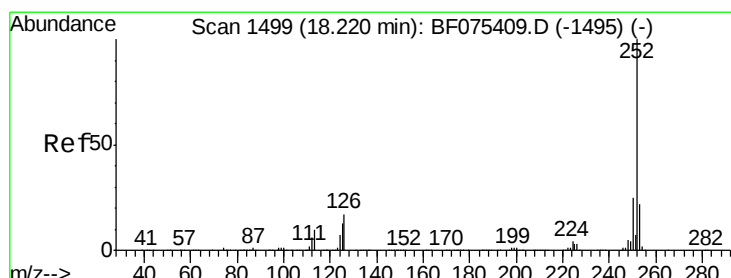
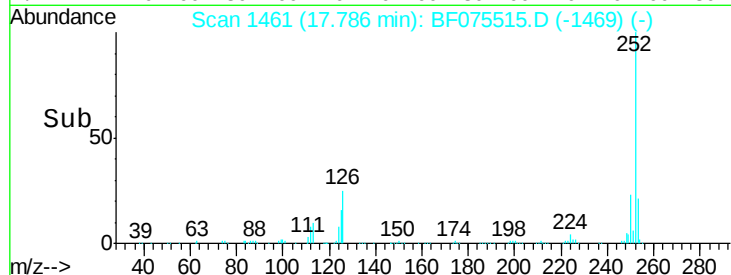
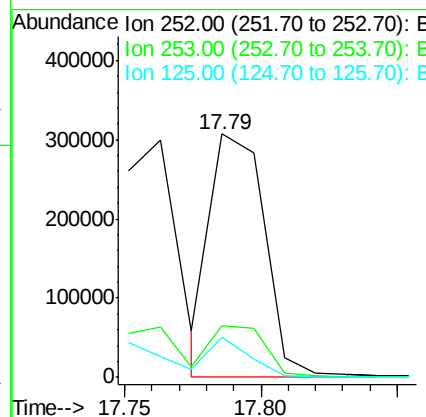
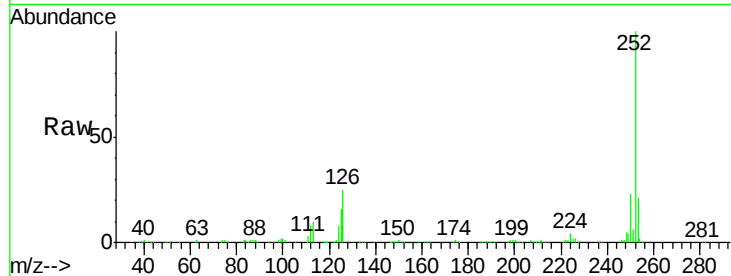
#88
Benzo(k)fluoranthene
Concen: 46.93 ng m
RT: 17.79 min Scan# 1461
Delta R.T. -0.19 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Instrument :
BNA_F
ClientSampleId :
PB80189BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		429135		
253	21.4	18.1	27.1		
125	16.4	11.6	17.4		

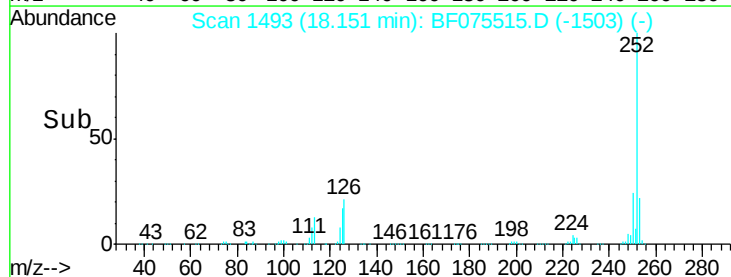
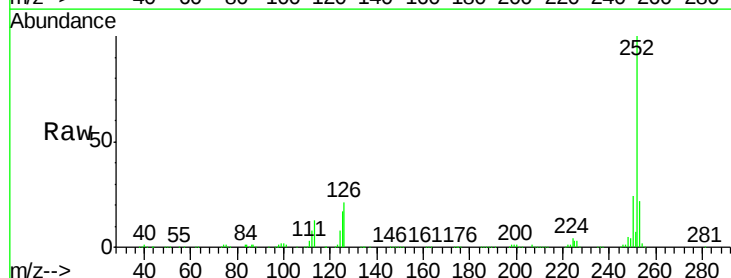
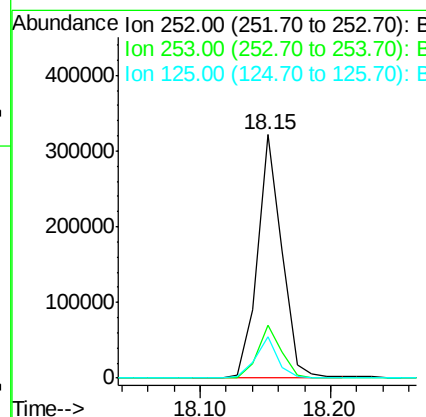
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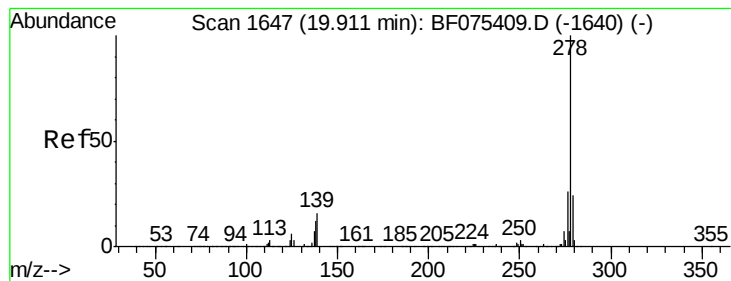
mohammad
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#89
Benzo(a)pyrene
Concen: 46.16 ng
RT: 18.15 min Scan# 1493
Delta R.T. -0.22 min
Lab File: BF075515.D
Acq: 15 Nov 2014 1:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		420826		
253	21.9	17.1	25.7		
125	16.9	12.2	18.4		





#90

Dibenzo(a,h)anthracene

Concen: 44.59 ng

RT: 19.82 min Scan# 1639

Delta R.T. -0.25 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Instrument :

BNA_F

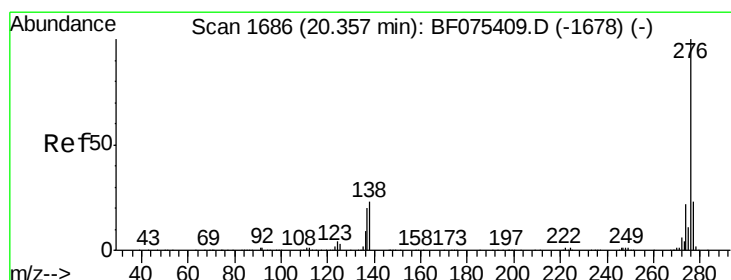
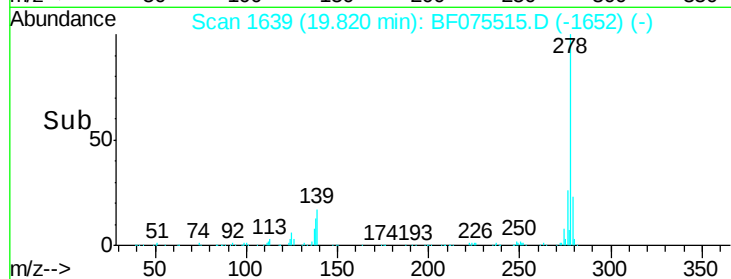
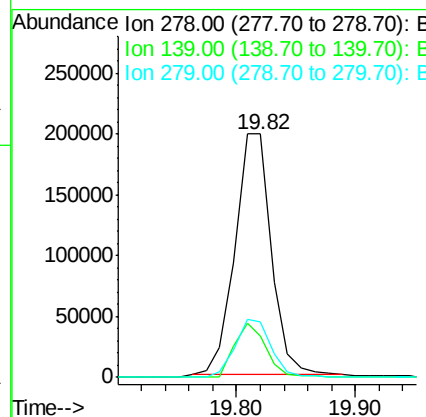
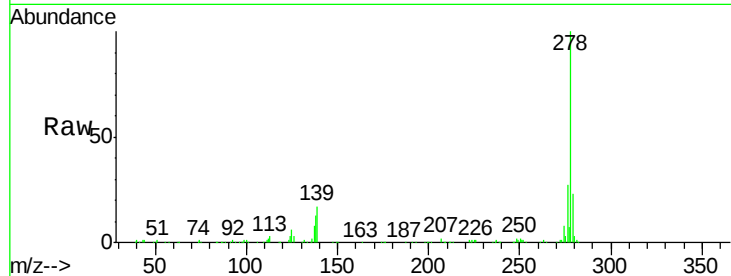
ClientSampleId :

PB80189BSD

Tot Ion:	278	Resp:	424540
Ion Ratio	Lower	Upper	
278	100		
139	17.1	13.6	20.4
279	23.0	19.4	29.0

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 46.68 ng

RT: 20.25 min Scan# 1677

Delta R.T. -0.25 min

Lab File: BF075515.D

Acq: 15 Nov 2014 1:17

Tgt Ion:	276	Resp:	423405
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.8	26.8
138	27.8	22.8	34.2

