

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087932.D
 Acq On : 12 Jun 2016 6:49
 Operator : UM/SJ
 Sample : H3501-26MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Manual Integrations
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Quant Time: Jun 13 12:17:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:40:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108294	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	450954	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	224331	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	410932	20.00	ng	0.00
75) Chrysene-d12	13.97	240	283288	20.00	ng	0.00
86) Perylene-d12	15.37	264	243403	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	490008	77.35	ng	0.00
7) Phenol-d6	6.44	99	461425	60.10	ng	0.00
23) Nitrobenzene-d5	7.38	82	784139	101.54	ng	0.01
41) 2,4,6-Tribromophenol	10.64	330	274580	115.92	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1189098	83.15	ng	0.00
78) Terphenyl-d14	12.91	244	1064246	85.49	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	59352	19.28	ng	# 24
3) Pyridine	3.11	79	119045	16.38	ng	96
4) n-Nitrosodimethylamine	3.03	42	77099	25.05	ng	90
6) Aniline	6.47	93	164099	15.02	ng	# 60
8) 2-Chlorophenol	6.59	128	341890	45.60	ng	90
9) Benzaldehyde	6.34	77	27898	4.62	ng	94
10) Phenol	6.46	94	180150	21.42	ng	# 60
11) bis(2-Chloroethyl)ether	6.55	93	365041	54.23	ng	# 82
12) 1,3-Dichlorobenzene	6.74	146	345698	42.97	ng	97
13) 1,4-Dichlorobenzene	6.82	146	371151	45.80	ng	99
14) 1,2-Dichlorobenzene	6.97	146	317994m	43.15	ng	
15) Benzyl Alcohol	6.96	79	223300	37.18	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	460499	50.63	ng	89
17) 2-Methylphenol	7.07	107	235682	38.76	ng	98
18) Hexachloroethane	7.31	117	124217	43.20	ng	# 85
19) n-Nitroso-di-n-propylamine	7.23	70	264445	53.84	ng	89
20) 3+4-Methylphenols	7.23	107	269356	37.97	ng	# 77
22) Acetophenone	7.22	105	547705	54.35	ng	# 97
24) Nitrobenzene	7.39	77	362687	48.48	ng	91
25) Isophorone	7.63	82	733187	51.26	ng	97
26) 2-Nitrophenol	7.71	139	234638	58.55	ng	# 79
27) 2,4-Dimethylphenol	7.76	122	343392	46.54	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	477015	53.77	ng	97
29) 2,4-Dichlorophenol	7.96	162	322412	52.34	ng	89
30) 1,2,4-Trichlorobenzene	8.03	180	301115	44.89	ng	99
31) Naphthalene	8.11	128	1024818	45.92	ng	100
32) Benzoic acid	7.88	122	132933	32.72	ng	97
33) 4-Chloroaniline	8.17	127	122348	12.28	ng	95
34) Hexachlorobutadiene	8.24	225	160797	45.45	ng	99
35) Caprolactam	8.58	113	23280	11.41	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	334074	50.71	ng	95
37) 2-Methylnaphthalene	8.81	142	759348	51.63	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	287058	51.81	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	282162	77.98	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	243424	54.26	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	210124	45.02	nq #	91
45) 1,1'-Biphenyl	9.28	154	933411	57.10	nq	96
46) 2-Chloronaphthalene	9.30	162	741358	51.07	nq	95
47) 2-Nitroaniline	9.39	65	217404	50.77	nq	94
48) Acenaphthylene	9.71	152	1075341	46.57	nq	99
49) Dimethylphthalate	9.59	163	887635	54.62	nq	100
50) 2,6-Dinitrotoluene	9.64	165	214589	57.66	nq #	88
51) Acenaphthene	9.88	154	672970	46.72	nq	99
52) 3-Nitroaniline	9.82	138	68845	16.03	nq #	77
53) 2,4-Dinitrophenol	9.92	184	225978	103.20	nq #	83
54) Dibenzofuran	10.06	168	907484	45.75	nq #	90
55) 4-Nitrophenol	9.99	139	143030	42.91	nq #	85
56) 2,4-Dinitrotoluene	10.04	165	272882	57.06	nq #	79
57) Fluorene	10.40	166	712683	54.14	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	196644	53.61	nq #	55
59) Diethylphthalate	10.27	149	803999	48.88	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	278170	42.17	nq	92
61) 4-Nitroaniline	10.42	138	89933	22.08	nq	96
62) Azobenzene	10.55	77	749489	46.08	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	125894	49.02	nq	97
65) n-Nitrosodiphenylamine	10.51	169	645010	47.30	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	196614	44.60	nq #	85
67) Hexachlorobenzene	10.95	284	239239	52.23	nq #	76
68) Atrazine	11.05	200	192135	46.53	nq	91
69) Pentachlorophenol	11.14	266	245927	101.85	nq	97
70) Phenanthrene	11.36	178	1101091	51.06	nq	99
71) Anthracene	11.40	178	1027043	47.22	nq	100
72) Carbazole	11.56	167	951065	46.72	nq	99
73) Di-n-butylphthalate	11.90	149	1181749	45.86	nq	99
74) Fluoranthene	12.54	202	1063754	46.75	nq	97
77) Pyrene	12.77	202	1000995	47.62	nq	99
79) Butylbenzylphthalate	13.39	149	519352	55.88	nq	90
80) Benzo(a)anthracene	13.95	228	796070	49.31	nq	99
82) Chrysene	13.99	228	668528	44.02	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	563673	49.82	nq #	99
84) Di-n-octyl phthalate	14.56	149	1069042	58.15	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	813740	57.67	nq #	100
87) Benzo(b)fluoranthene	14.97	252	938589m	55.33	nq	
88) Benzo(k)fluoranthene	15.01	252	522968m	40.87	nq	
89) Benzo(a)pyrene	15.33	252	722900	52.67	nq #	93
90) Dibenzo(a,h)anthracene	16.77	278	664120	52.10	nq	98
91) Benzo(g,h,i)perylene	17.17	276	694049	52.93	nq	98

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

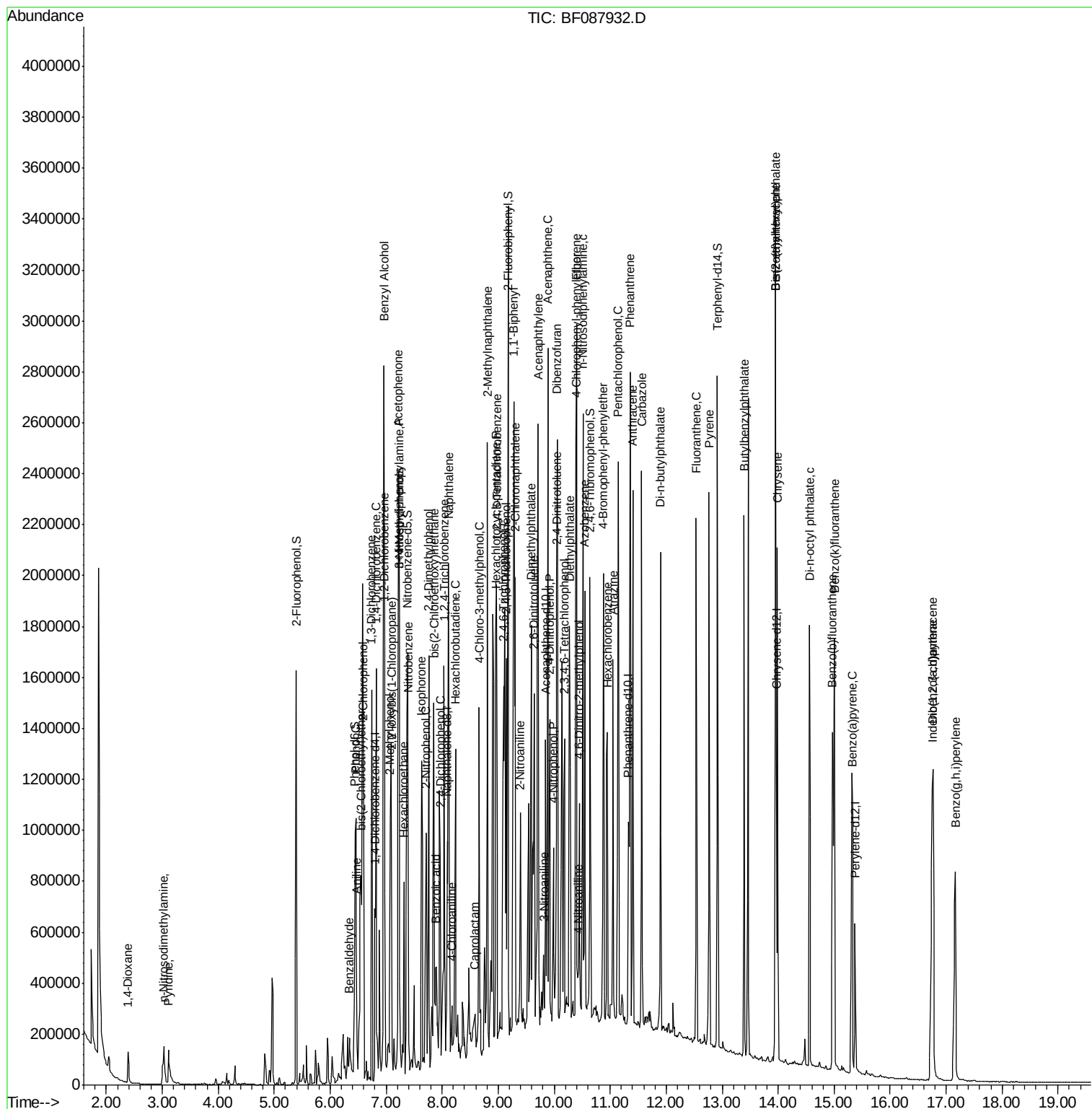
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\  
Data File : BF087932.D  
Acq On    : 12 Jun 2016    6:49  
Operator  : UM/SJ  
Sample    : H3501-26MSD  
Misc      :  
ALS Vial  : 31    Sample Multiplier: 1
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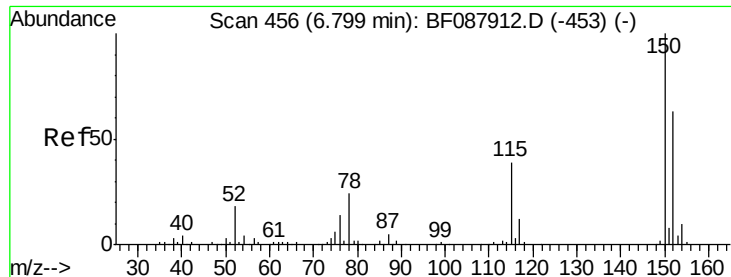
Instrument :
BNA_F
ClientSampleId :
MW1MSD

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#1

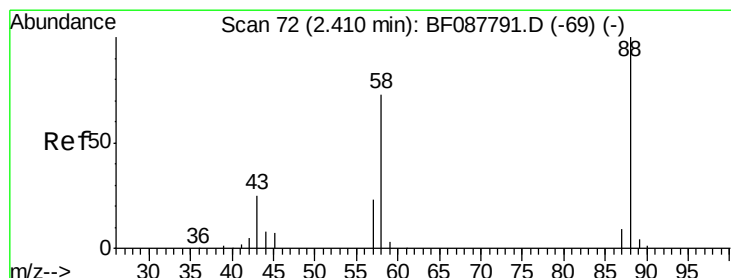
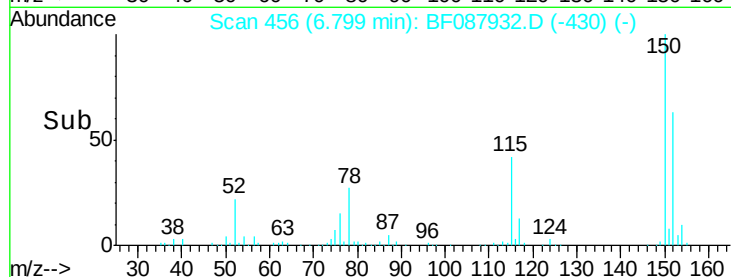
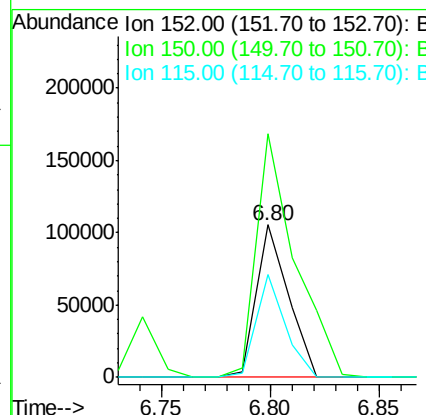
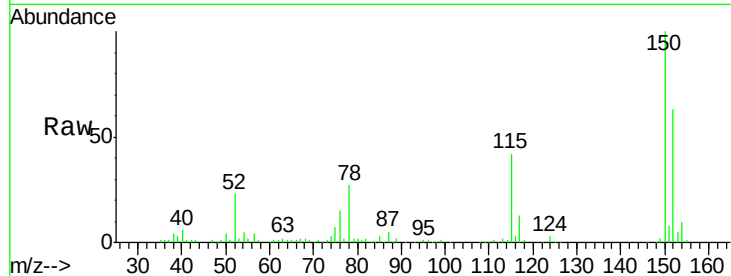
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.8	185.6
115	67.1	39.6	59.4

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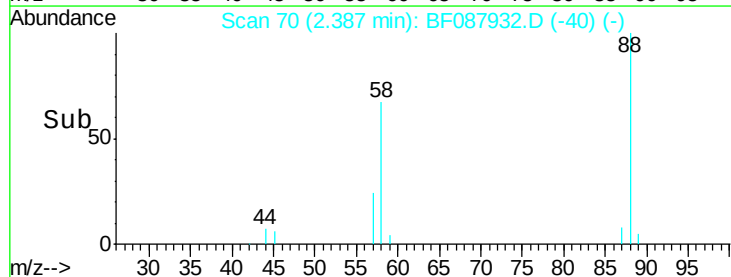
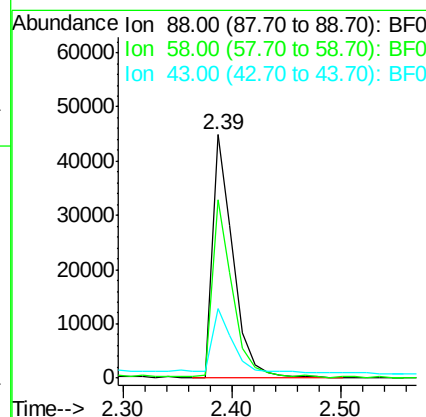
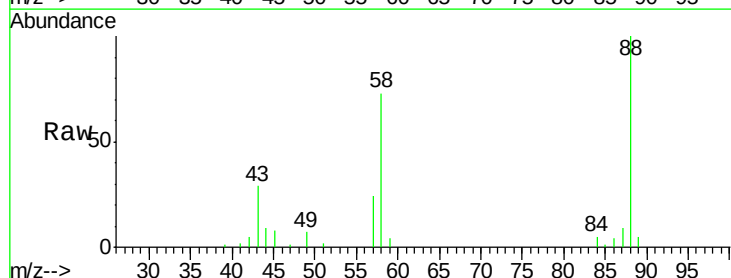
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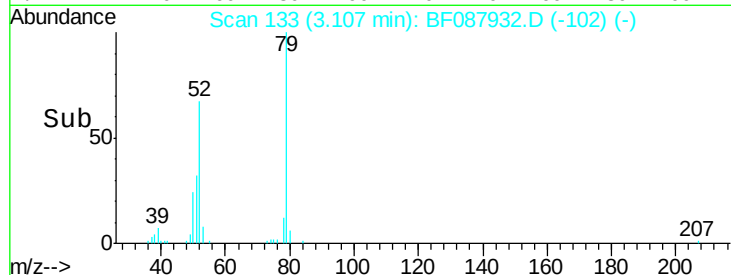
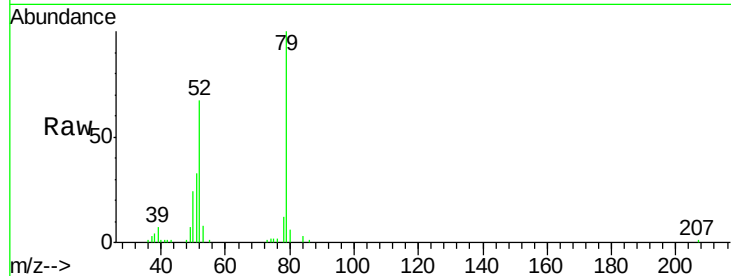
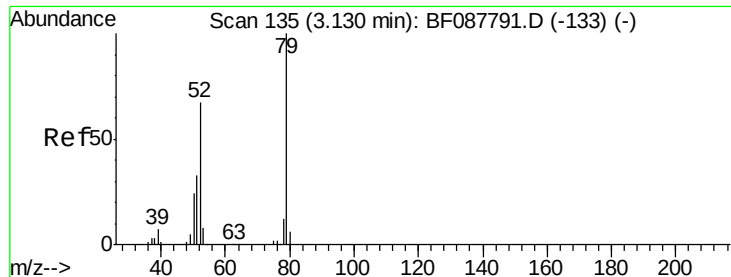


#2

1,4-Dioxane
Concen: 19.28 ng
RT: 2.39 min Scan# 70
Delta R.T. 0.05 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	0.0	0.0
43	29.2	3.4	5.2





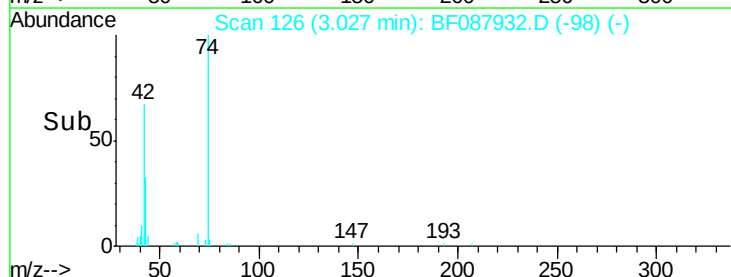
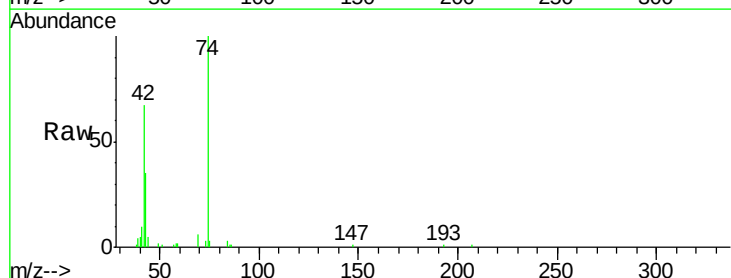
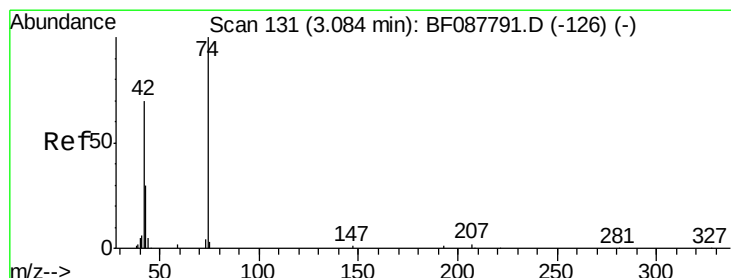
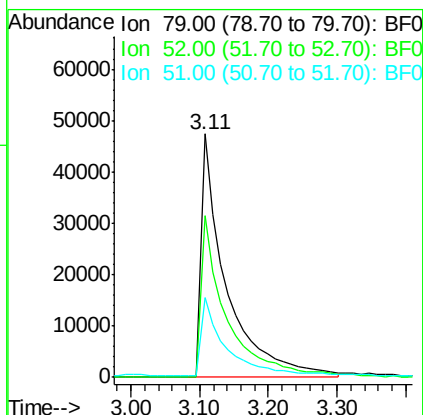
#3
Pvridine
Concen: 16.38 ng
RT: 3.11 min Scan# 133
Delta R.T. 0.06 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.6	56.3	84.5
51	32.8	27.4	41.2

Instrument :
BNA_F
ClientSampleId :
MW1MSD

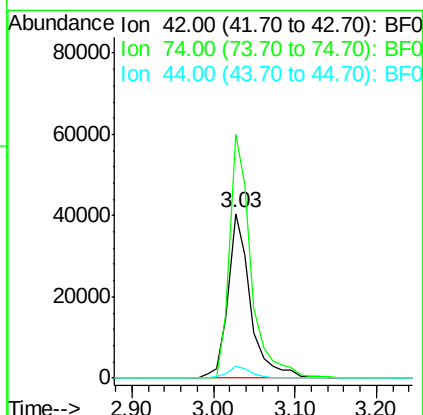
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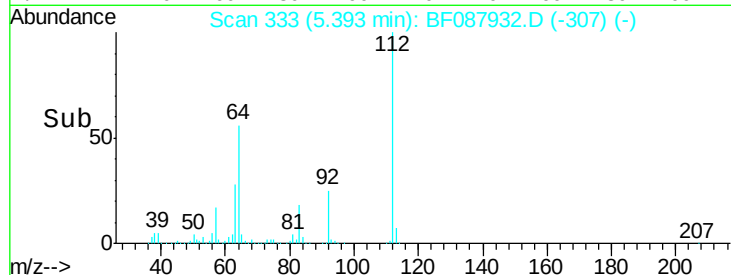
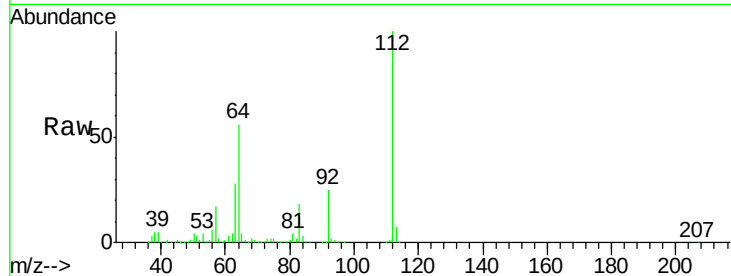
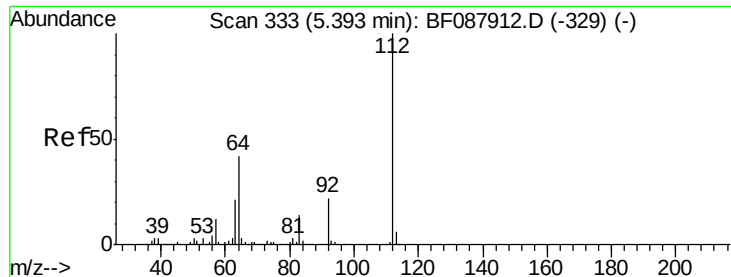
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#4
n-Nitrosodimethylamine
Concen: 25.05 ng
RT: 3.03 min Scan# 126
Delta R.T. 0.02 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.2	108.6	163.0
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 77.35 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF087932.D

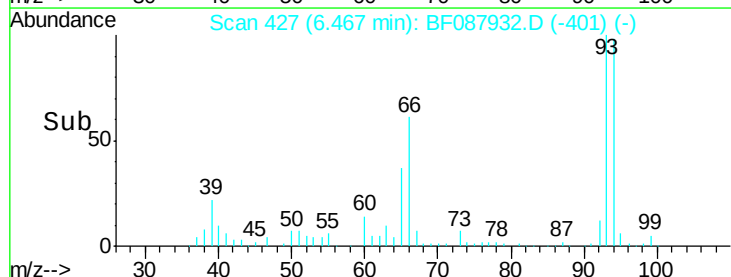
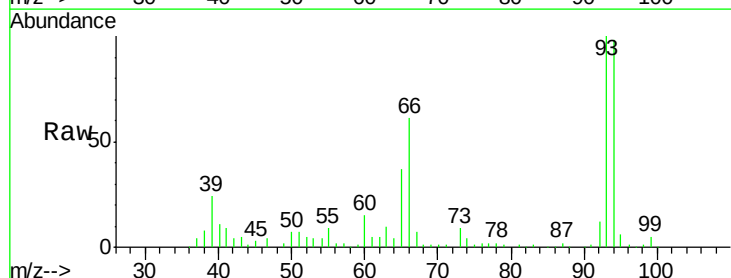
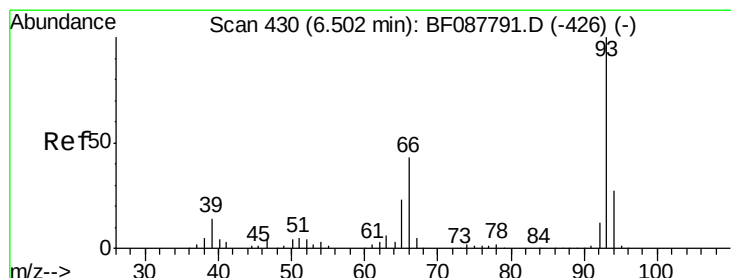
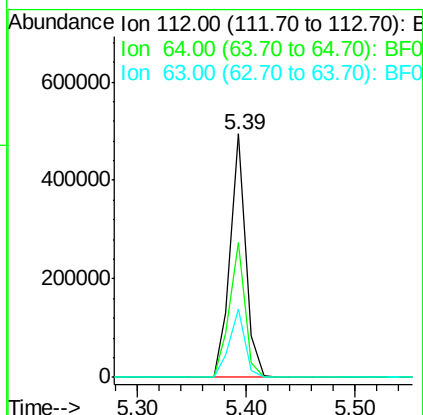
Acq: 12 Jun 2016 6:49

Tot Ion	Ratio	Resp	Lower	Upper
112	100	490008		
64	55.6	42.2	63.2	
63	28.1	21.8	32.8	

Instrument :
BNA_F
ClientSampleId :
MW1MSD

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#6

Aniline

Concen: 15.02 ng

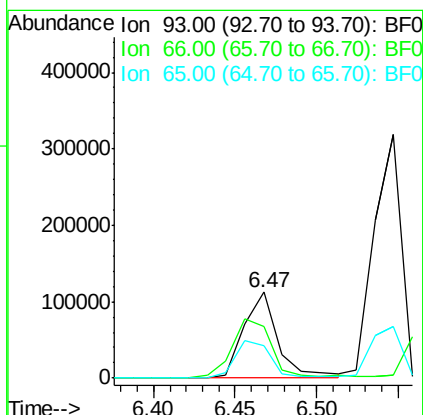
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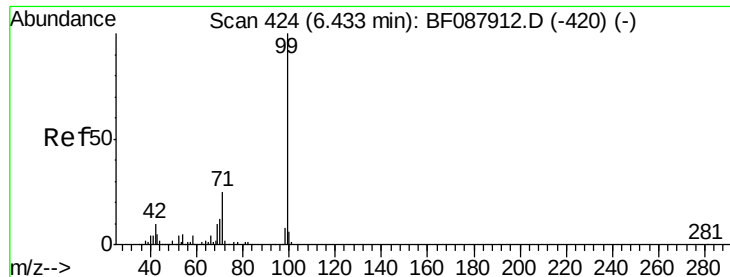
Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164099		
66	60.6	29.8	44.8#	
65	37.3	14.9	22.3#	





#7

Phenol-d6

Concen: 60.10 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

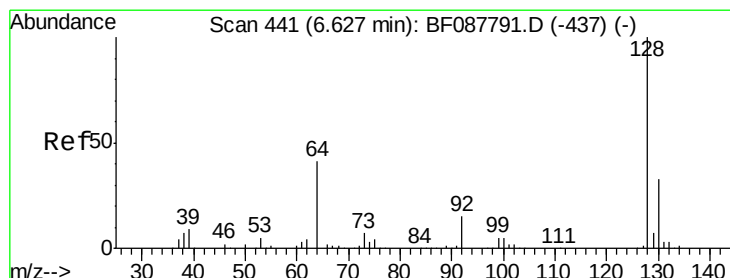
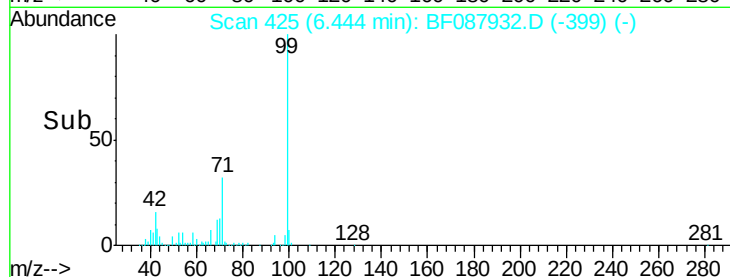
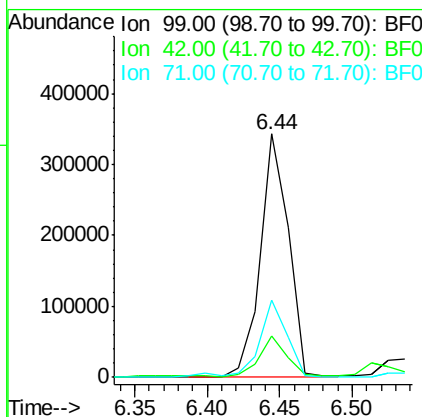
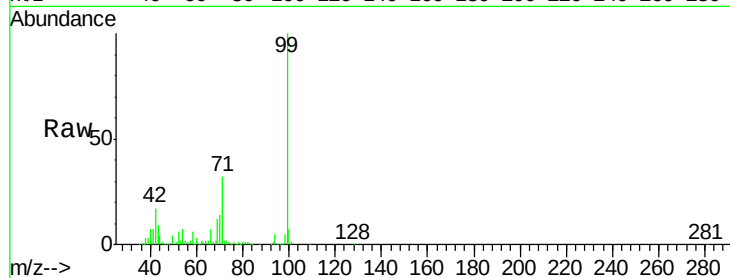
ClientSampleId :

MW1MSD

Tot Ion:	99	Resp:	461425
Ion Ratio	Lower	Upper	
99	100		
42	16.8	12.2	18.2
71	31.8	23.4	35.0

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#8

2-Chlorophenol

Concen: 45.60 ng

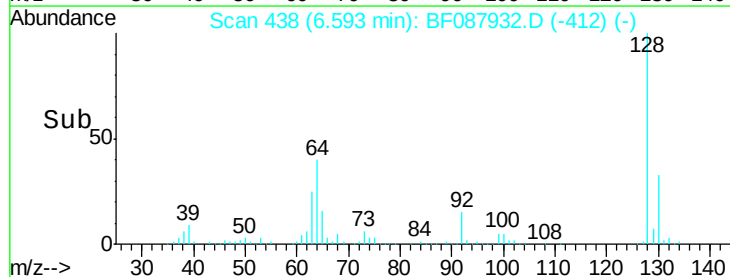
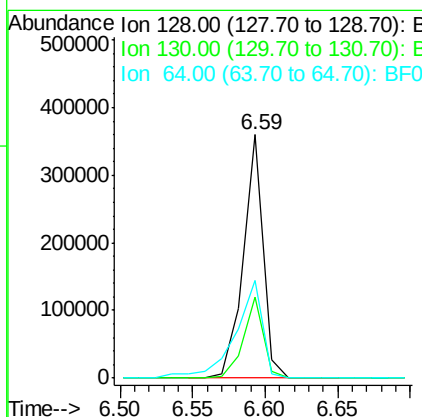
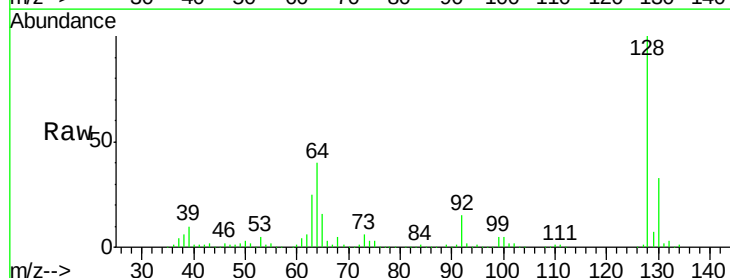
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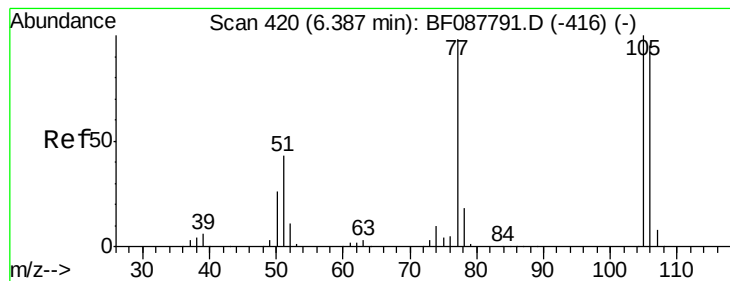
Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	128	Resp:	341890
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.0	52.0
64	40.2	30.8	70.8





#9

Benzaldehyde

Concen: 4.62 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

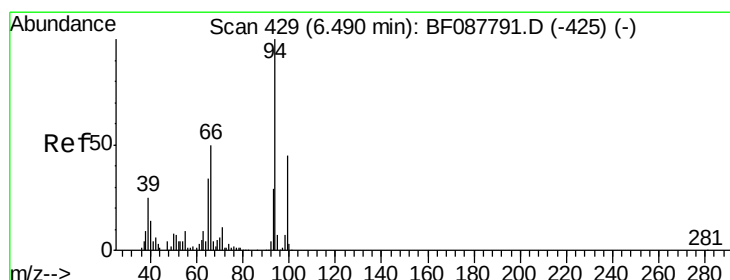
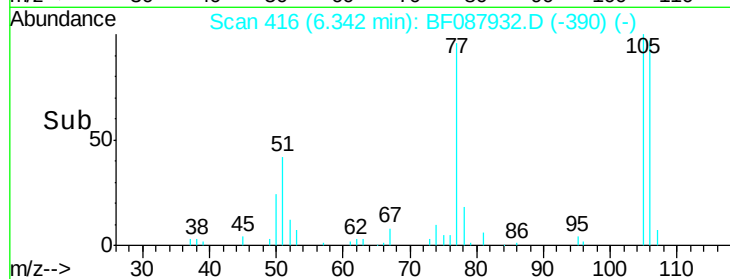
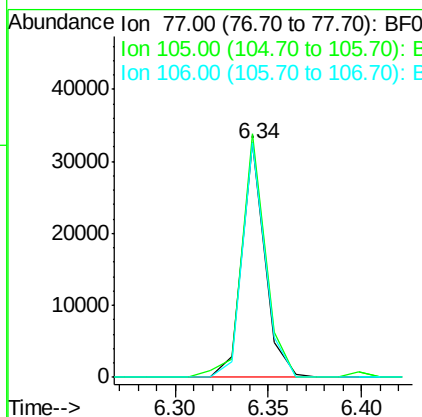
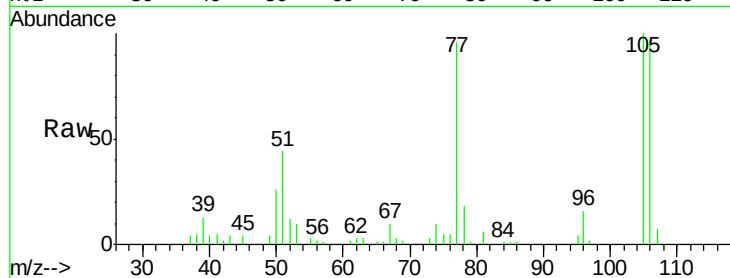
ClientSampleId :

MW1MSD

Tot Ion:	77	Resp:	27898
Ion	Ratio	Lower	Upper
77	100		
105	103.8	90.6	130.6
106	100.3	85.3	125.3

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#10

Phenol

Concen: 21.42 ng

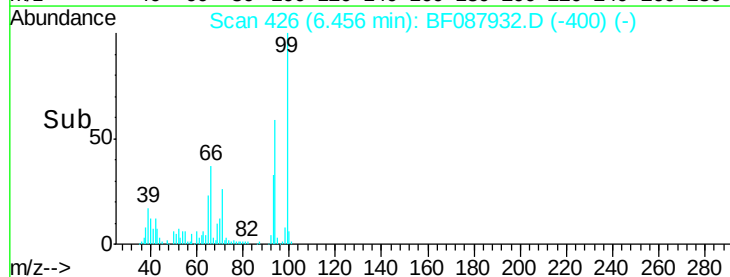
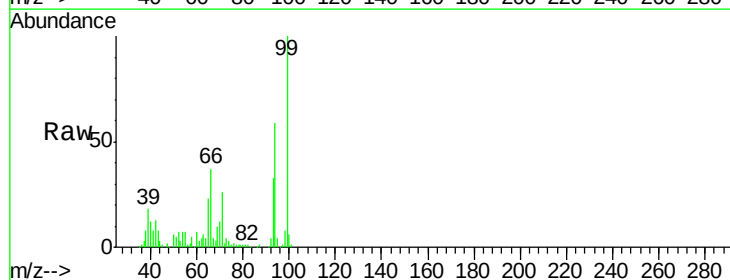
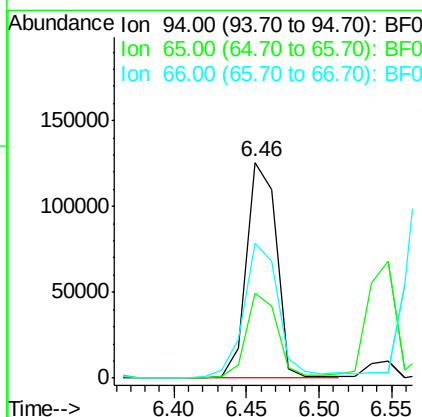
RT: 6.46 min Scan# 426

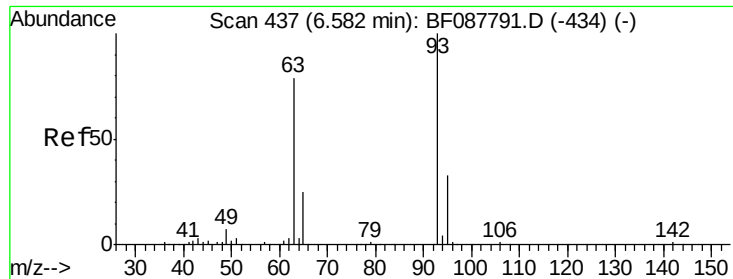
Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	94	Resp:	180150
Ion	Ratio	Lower	Upper
94	100		
65	39.5	5.9	45.9
66	62.3	14.0	54.0#





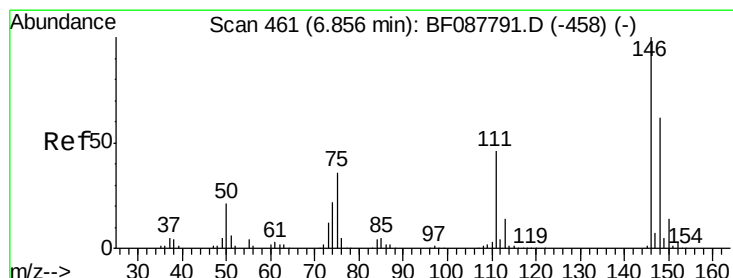
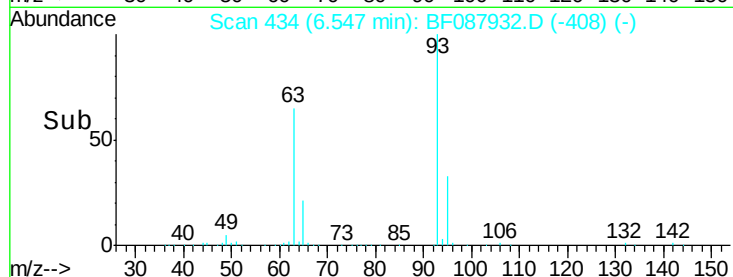
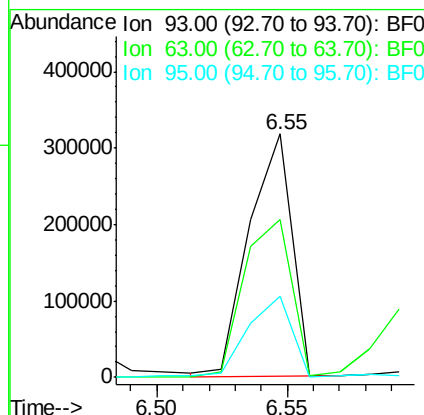
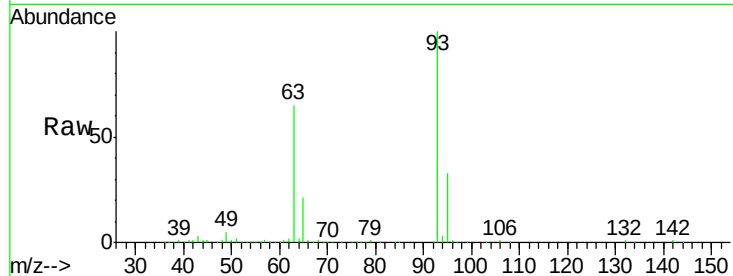
#11
bis(2-Chloroethyl)ether
Concen: 54.23 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.9	67.6	107.6#
95	33.0	12.5	52.5

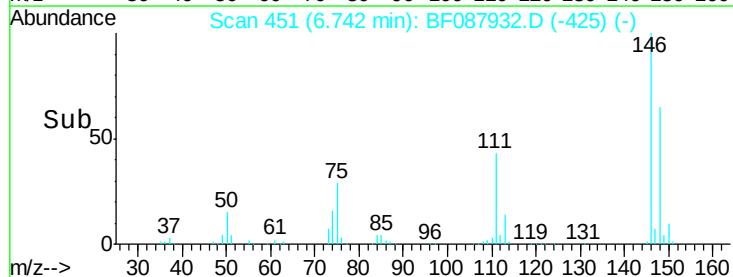
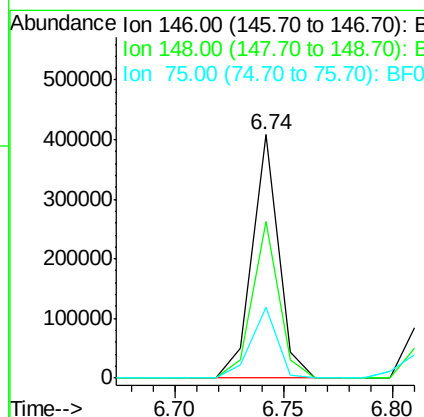
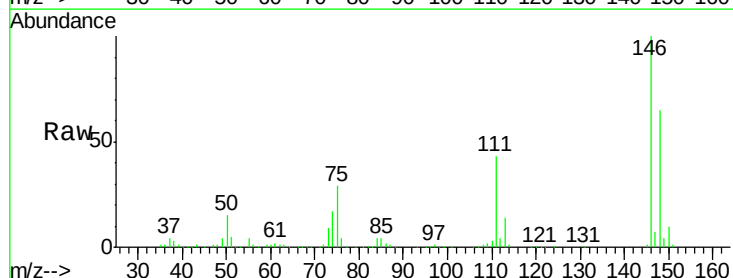
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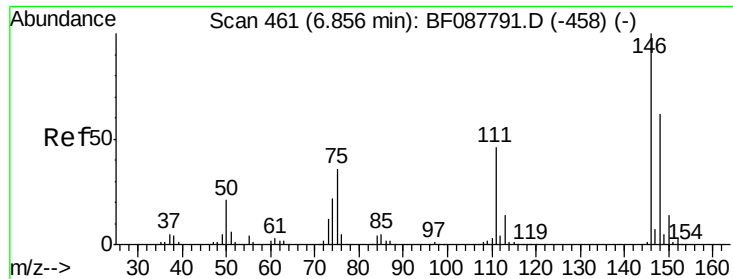
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#12
1,3-Dichlorobenzene
Concen: 42.97 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	28.9	25.6	38.4





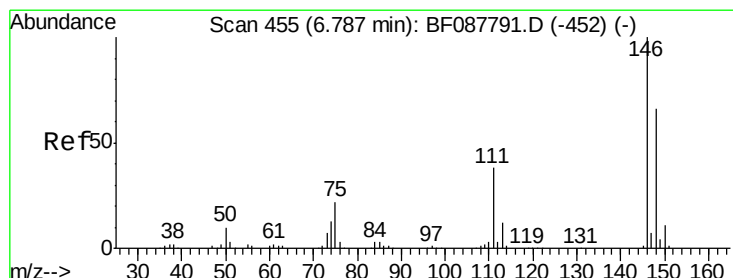
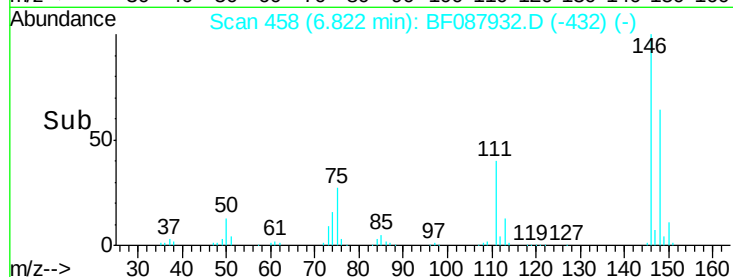
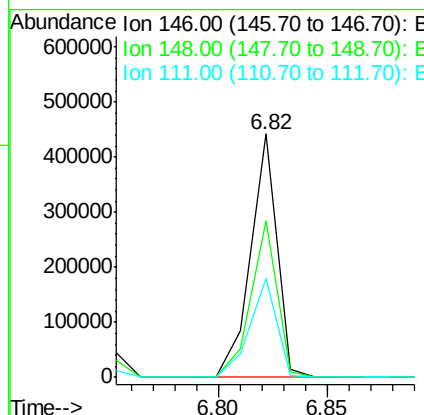
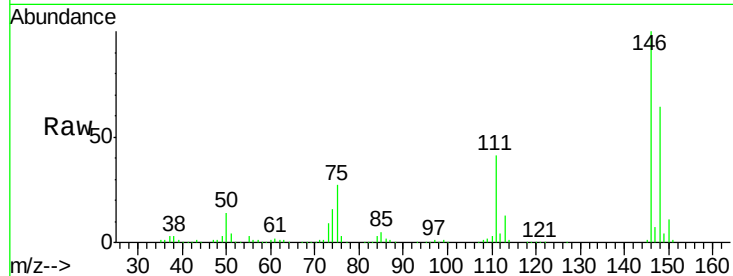
#13
 1,4-Dichlorobenzene
 Concen: 45.80 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
111	40.5	33.8	50.8

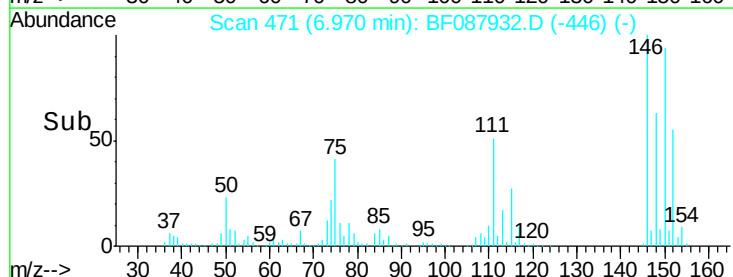
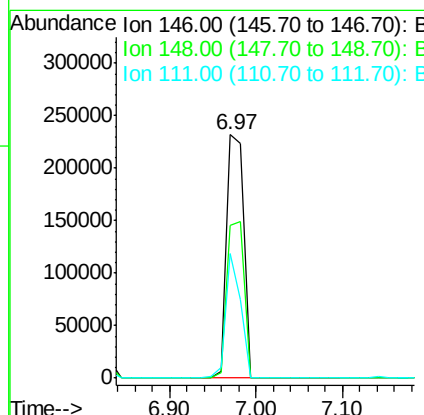
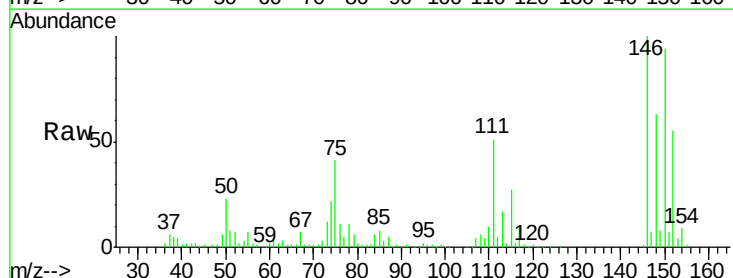
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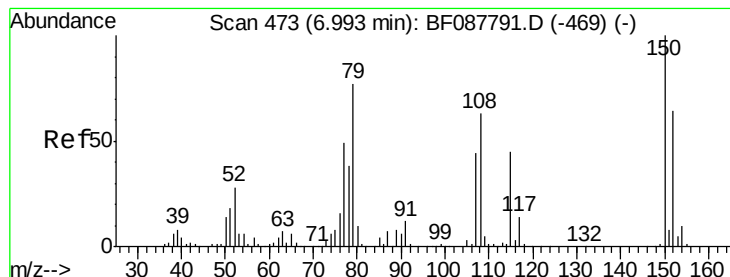
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#14
 1,2-Dichlorobenzene
 Concen: 43.15 ng m
 RT: 6.97 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.3	78.5
111	51.1	28.7	43.1#





#15

Benzyl Alcohol

Concen: 37.18 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.01 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

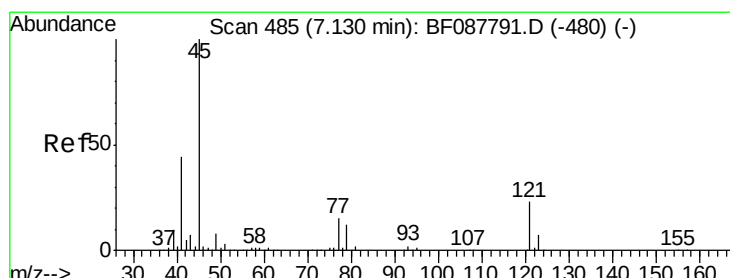
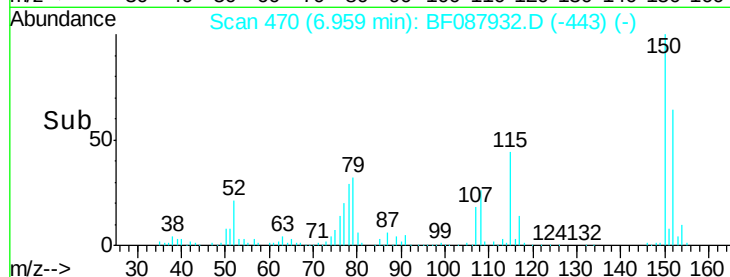
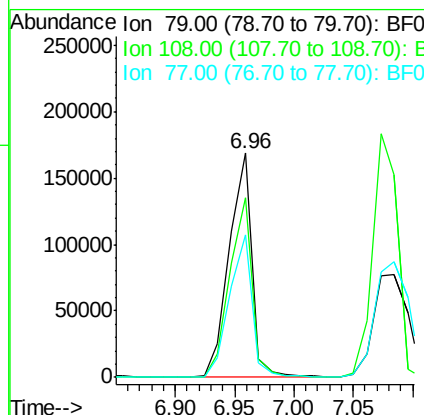
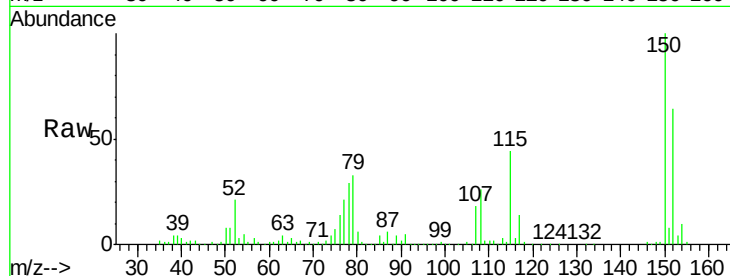
ClientSampled :

MW1MSD

Tot Ion:	79	Resp:	223300
Ion Ratio	Lower	Upper	
79	100		
108	80.3	65.0	97.6
77	63.3	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.63 ng

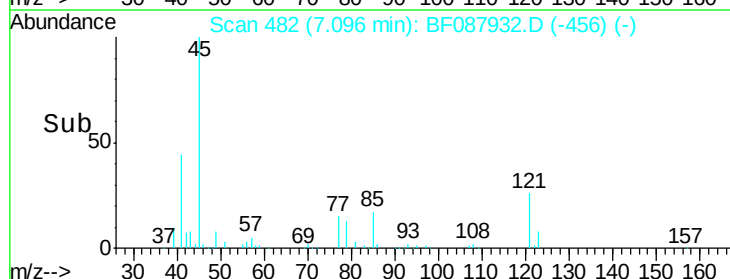
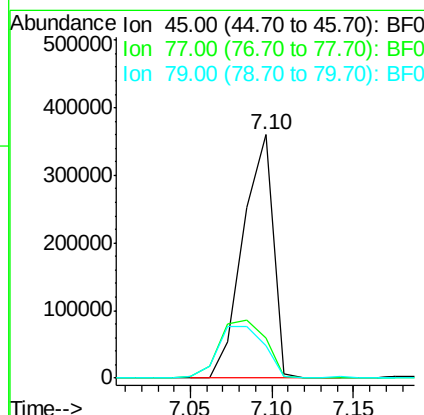
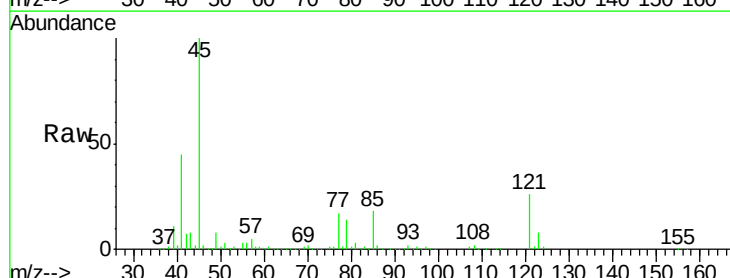
RT: 7.10 min Scan# 482

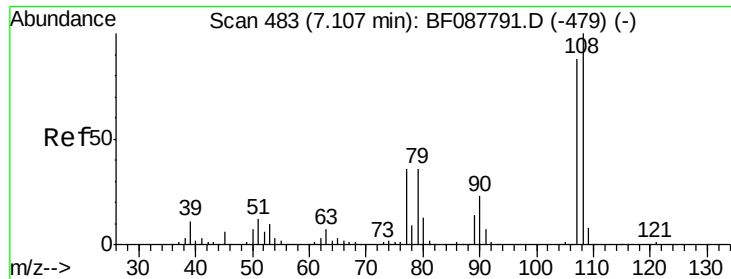
Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	45	Resp:	460499
Ion Ratio	Lower	Upper	
45	100		
77	16.6	0.0	32.5
79	13.5	0.0	29.5





#17

2-Methylphenol

Concen: 38.76 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

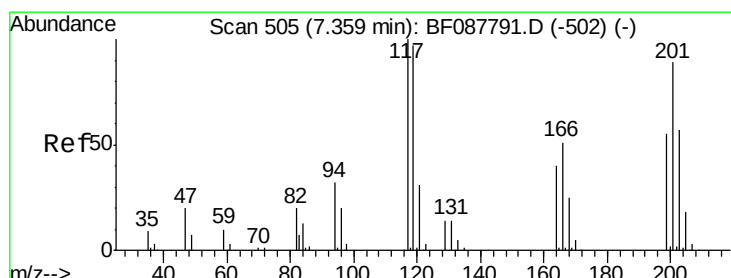
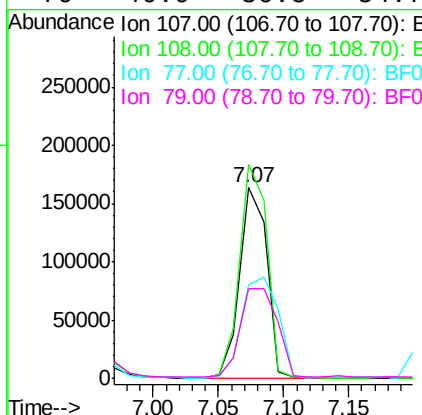
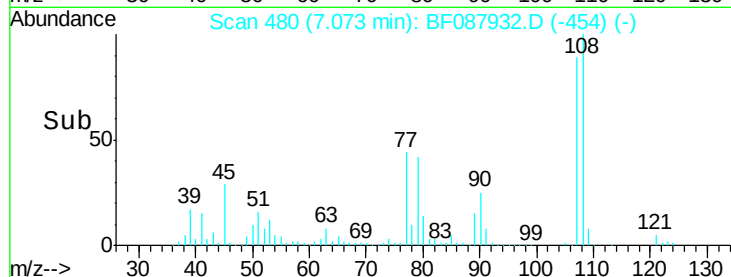
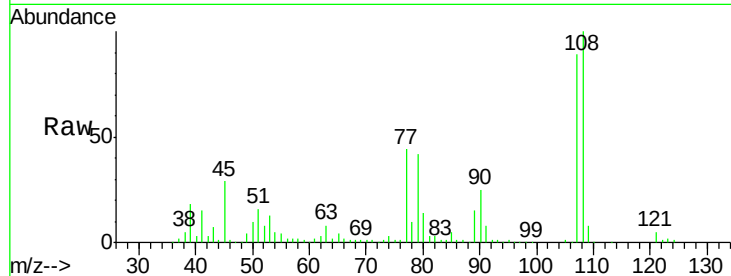
ClientSampleId :

MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	90.9	136.3	
77	48.8	36.6	55.0	
79	46.9	36.5	54.7	

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#18

Hexachloroethane

Concen: 43.20 ng

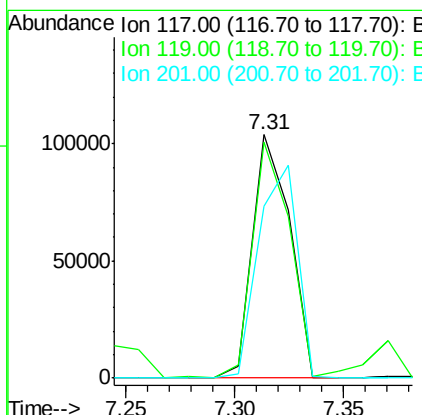
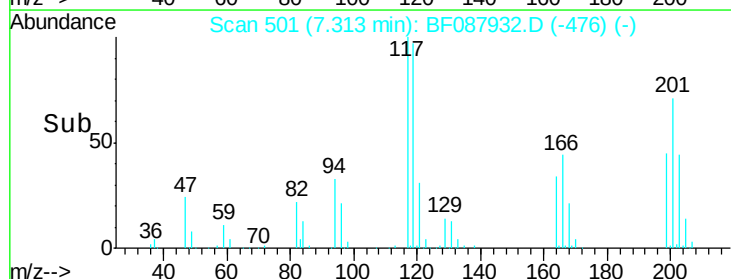
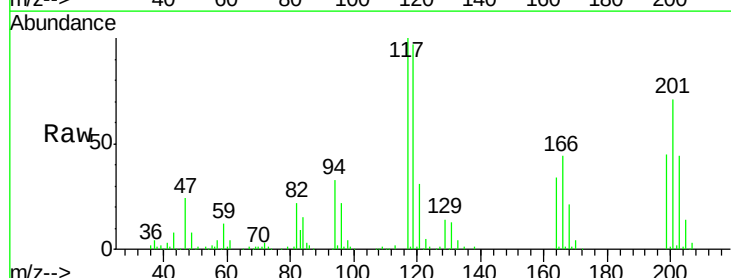
RT: 7.31 min Scan# 501

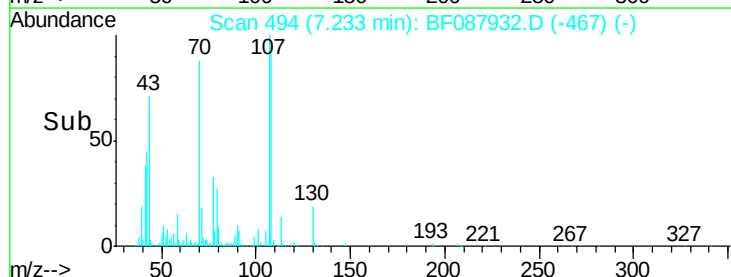
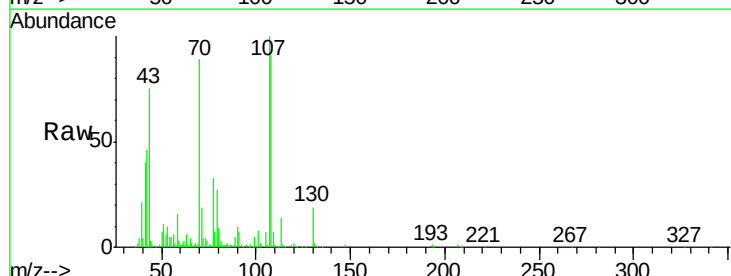
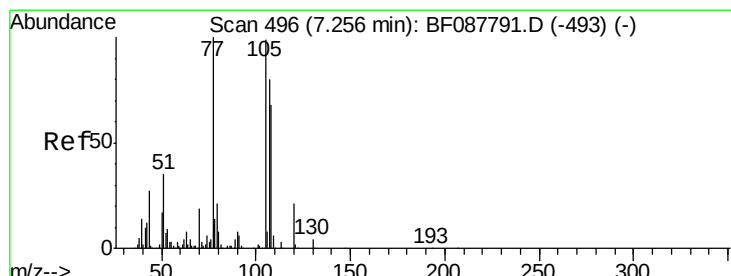
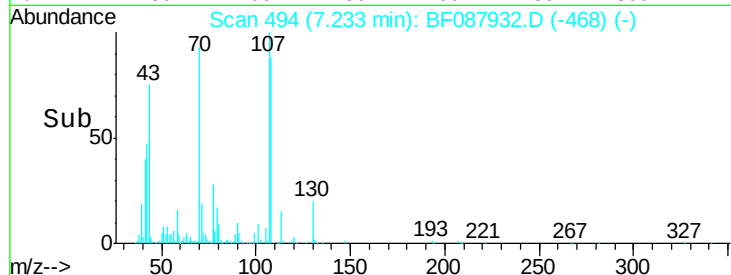
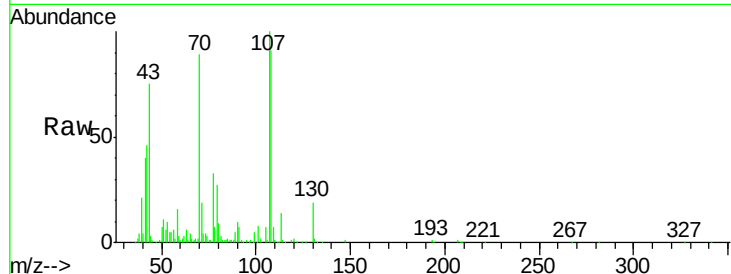
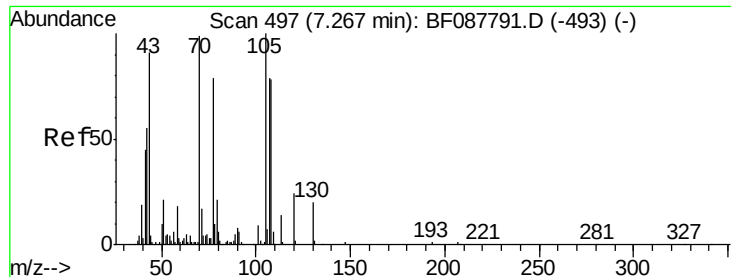
Delta R.T. -0.01 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

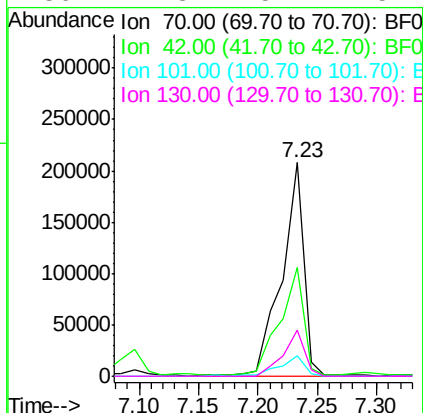
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.9	77.4	116.2	
201	70.8	80.4	120.6	





#19
n-Nitroso-di-n-propylamine
Concen: 53.84 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.2	49.6	74.4	
101	9.5	7.1	10.7	
130	21.3	15.4	23.2	



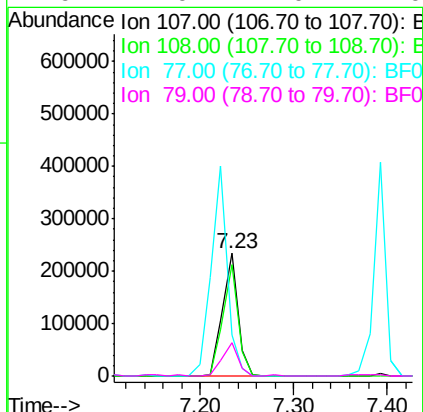
Instrument :
BNA_F
ClientSampleId :
MW1MSD

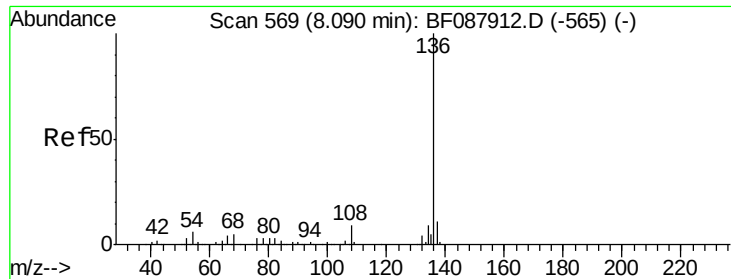
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#20
3+4-Methylphenols
Concen: 37.97 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	67.8	107.8	
77	33.3	59.3	99.3#	
79	27.0	7.0	47.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

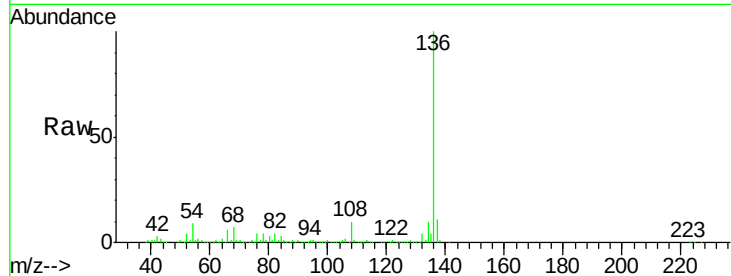
ClientSampleId :

MW1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		450954		
137	11.3		9.1	13.7	
54	8.6		6.6	10.0	
68	7.1		5.1	7.7	

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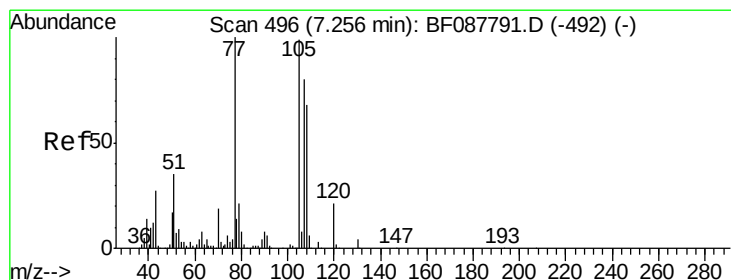
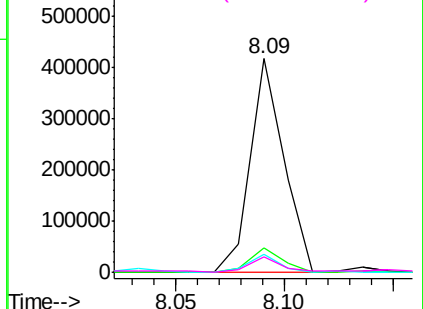
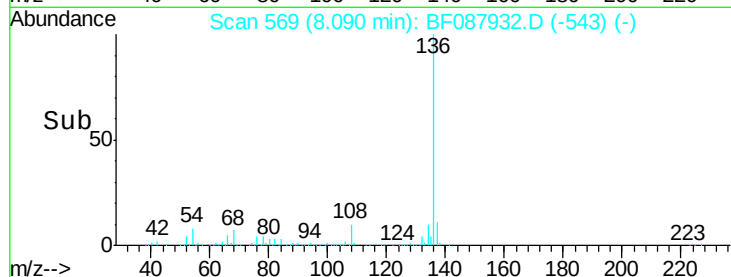
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 54.35 ng

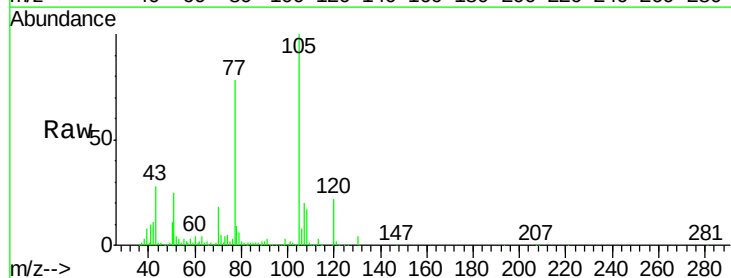
RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		547705		
71	4.9		5.3	7.9#	
51	25.2		18.2	27.4	
120	22.5		18.0	27.0	



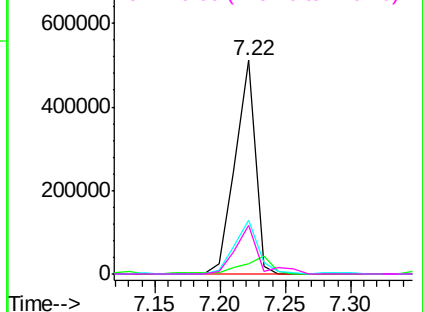
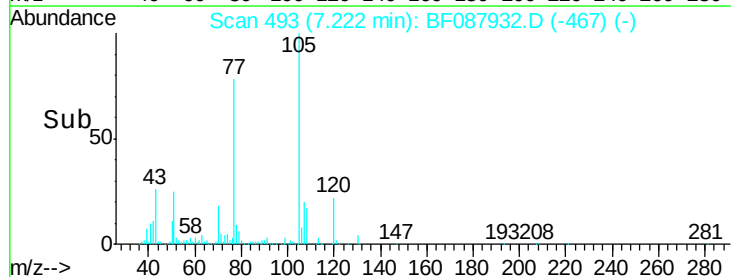
Abundance

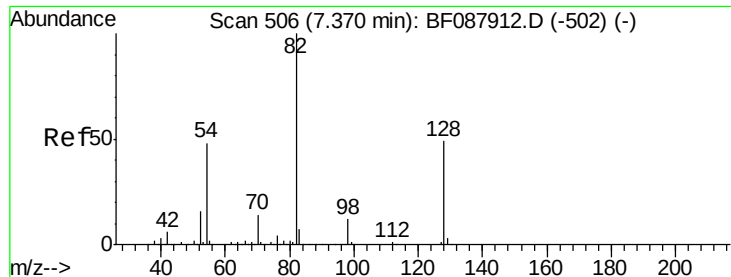
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





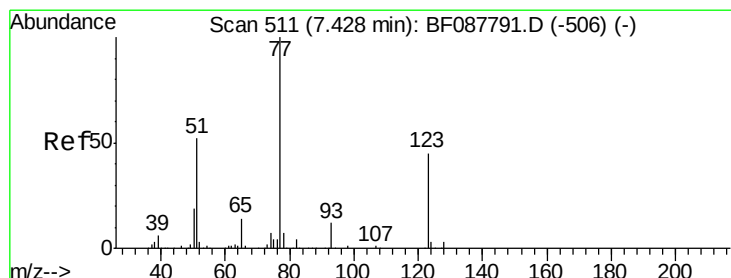
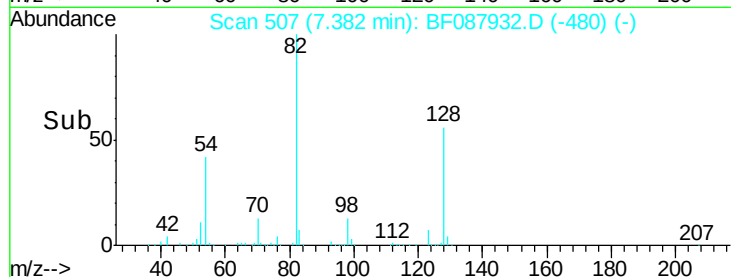
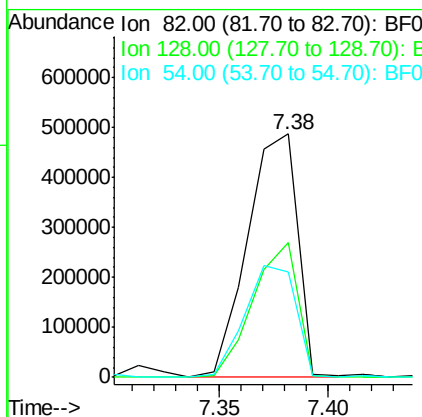
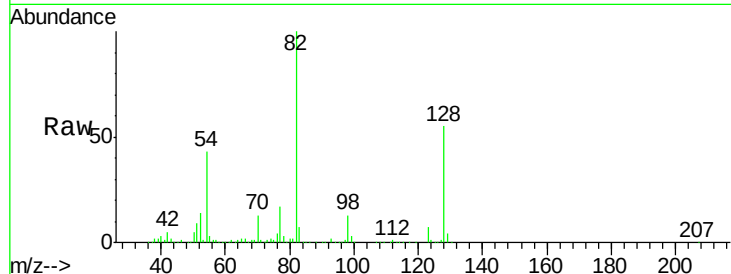
#23
Nitrobenzene-d5
Concen: 101.54 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.01 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.3	35.9	53.9#
54	43.1	40.9	61.3

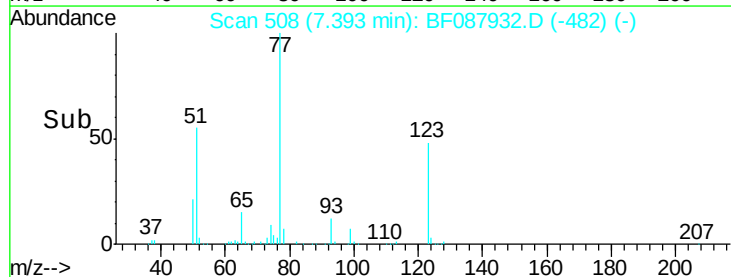
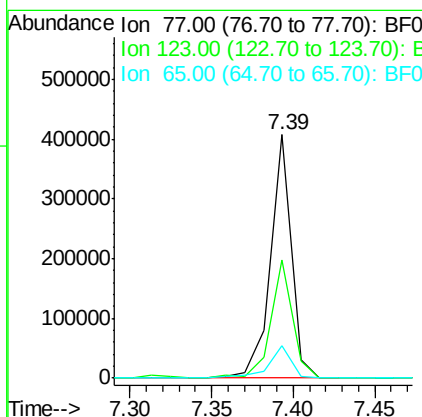
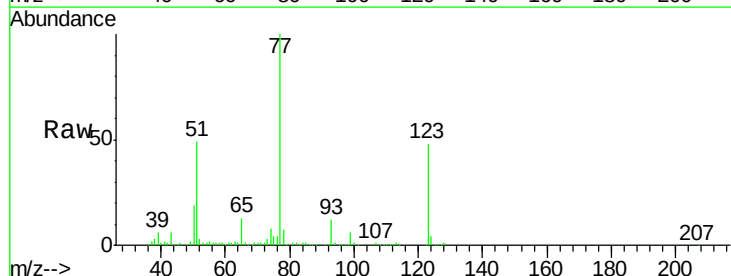
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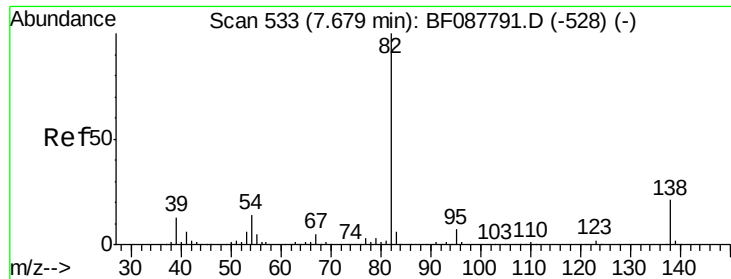
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#24
Nitrobenzene
Concen: 48.48 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	45.0	67.4
65	13.4	10.2	15.2





#25

Isophorone

Concen: 51.26 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

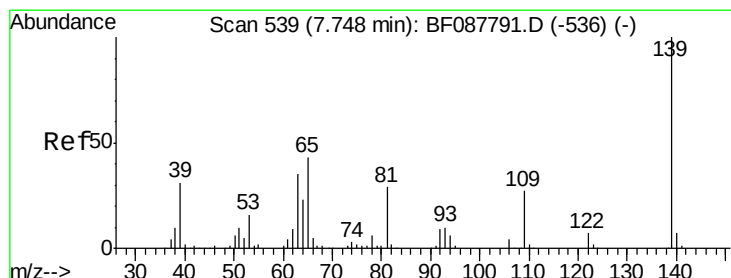
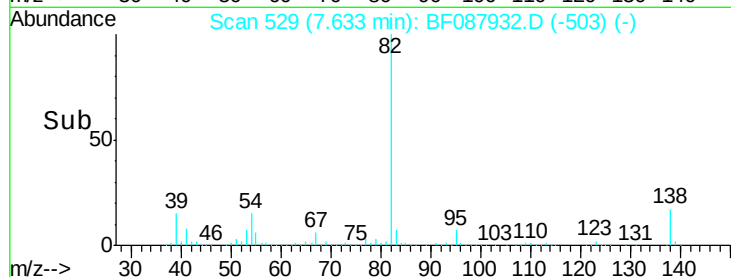
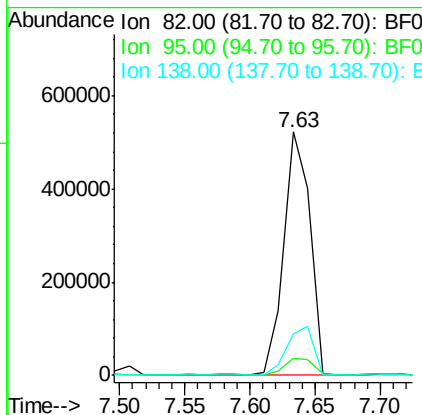
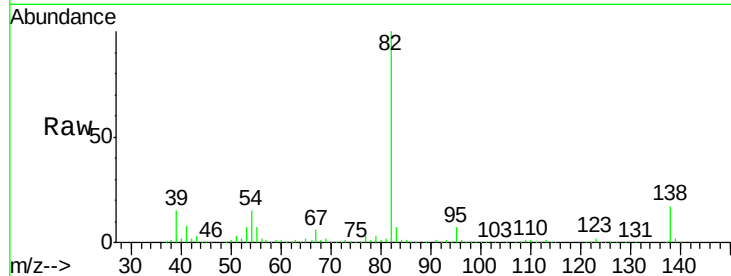
ClientSampleId :

MW1MSD

Tot Ion:	82	Resp:	733187
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.4	8.2
138	16.8	14.6	21.8

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#26

2-Nitrophenol

Concen: 58.55 ng

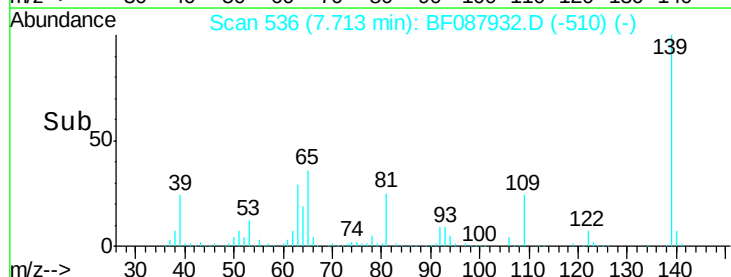
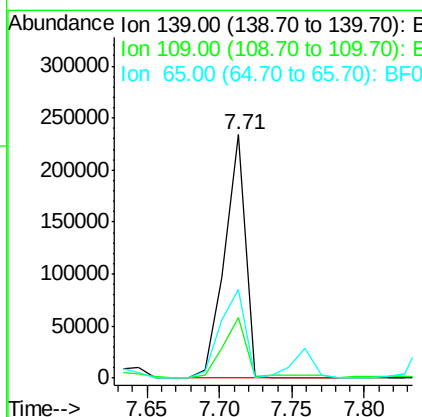
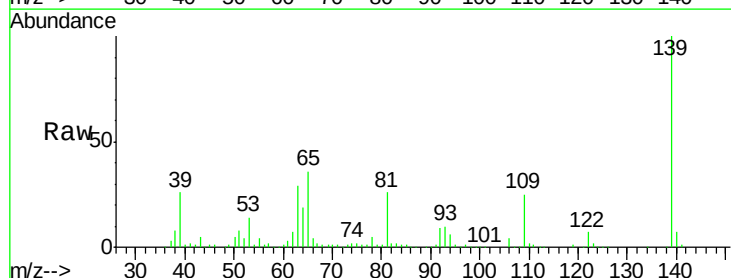
RT: 7.71 min Scan# 536

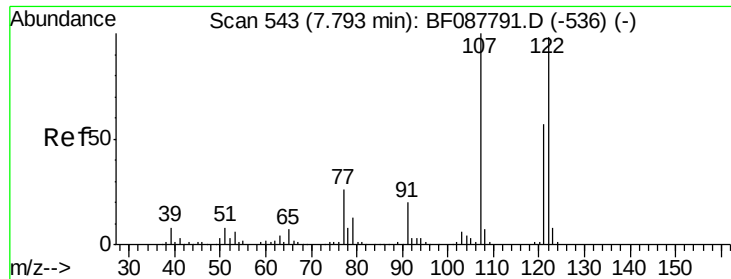
Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	139	Resp:	234638
Ion Ratio		Lower	Upper
139	100		
109	24.9	23.0	34.4
65	36.4	45.8	68.8#





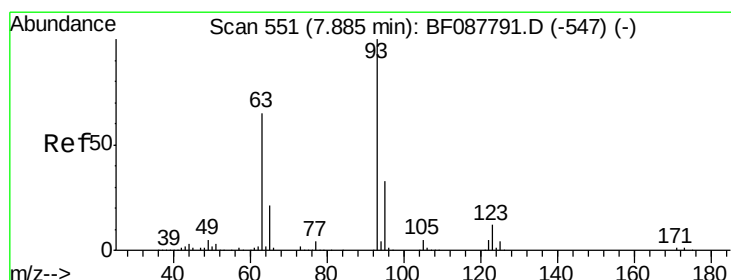
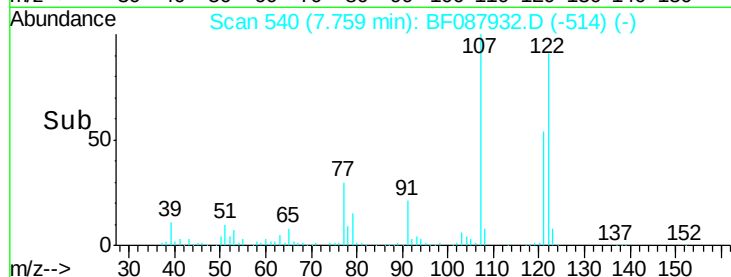
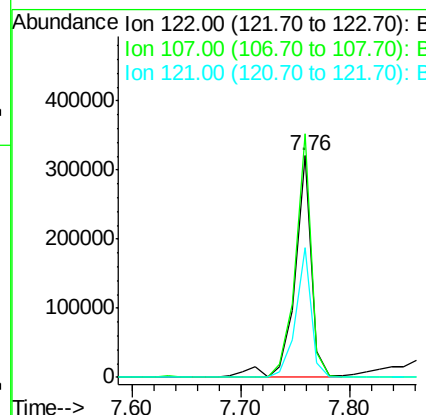
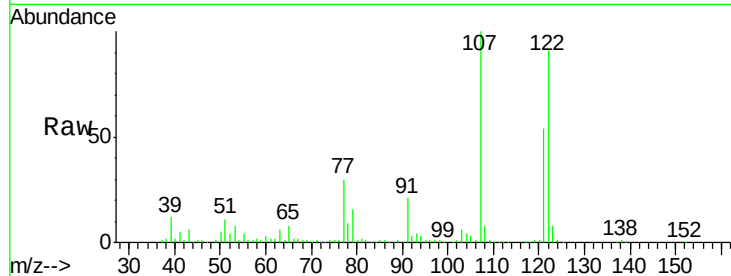
#27
2,4-Dimethylphenol
Concen: 46.54 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	343392		
107	109.8	82.4	123.6	
121	58.8	46.3	69.5	

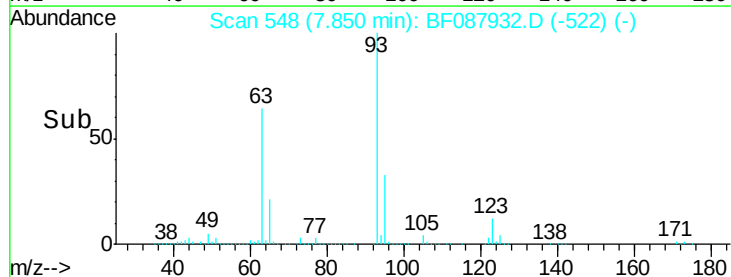
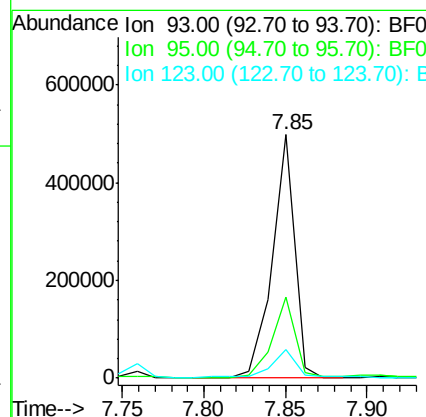
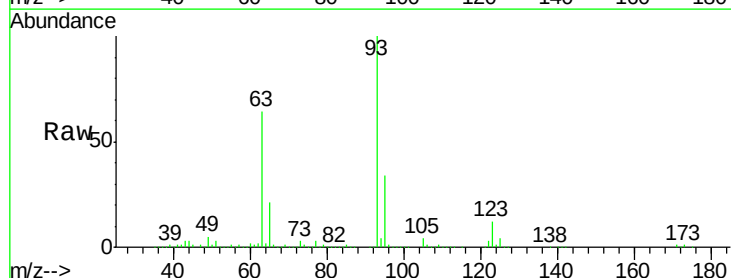
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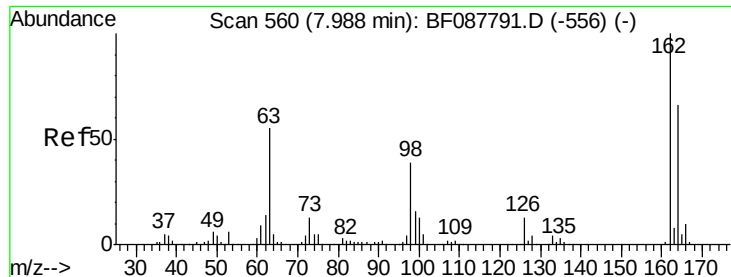
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#28
bis(2-Chloroethoxy)methane
Concen: 53.77 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	477015		
95	33.5	26.5	39.7	
123	11.8	11.6	17.4	





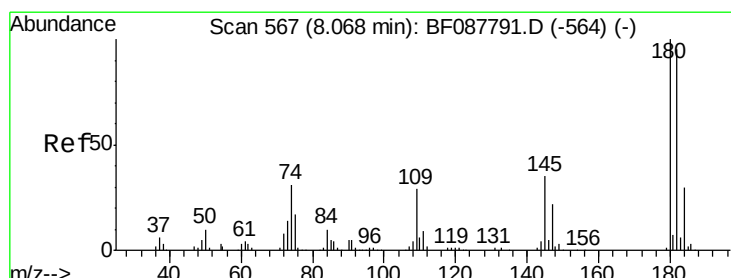
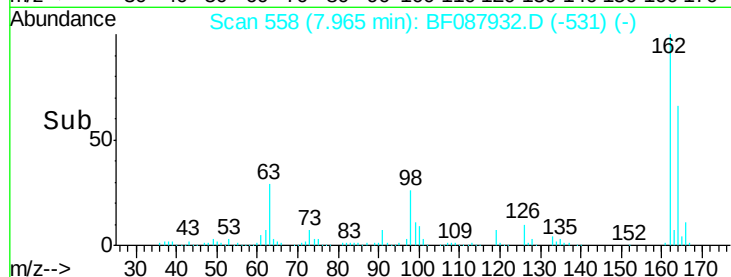
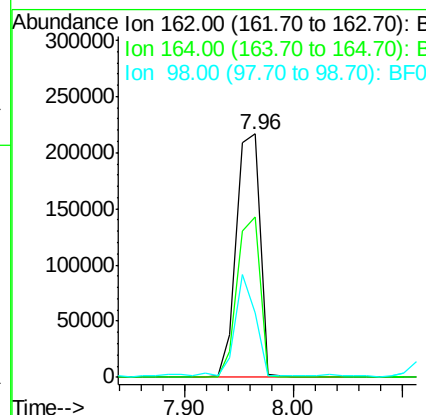
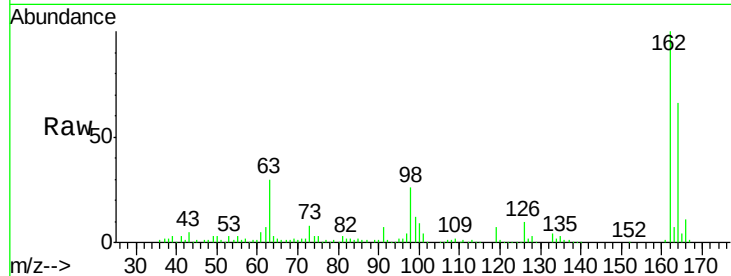
#29
 2,4-Dichlorophenol
 Concen: 52.34 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.9	43.8	83.8
98	26.4	21.3	61.3

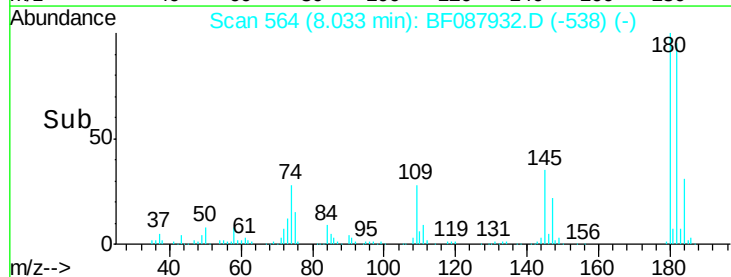
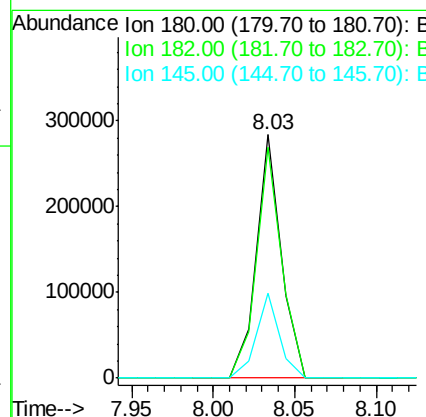
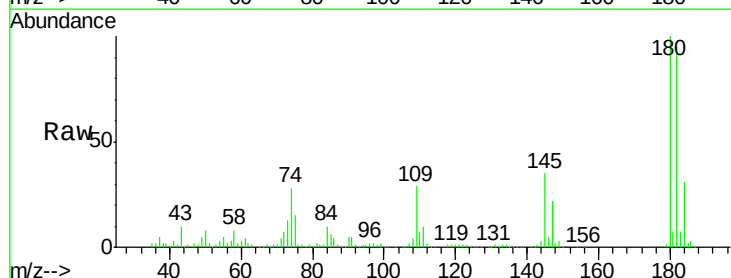
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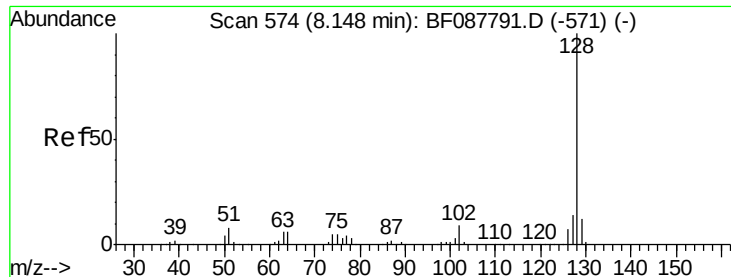
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.89 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	76.0	114.0
145	34.8	26.5	39.7





#31

Naphthalene

Concen: 45.92 ng

RT: 8.11 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

ClientSampleId :

MW1MSD

Tot Ion:128 Resp: 1024818

Ion Ratio Lower Upper

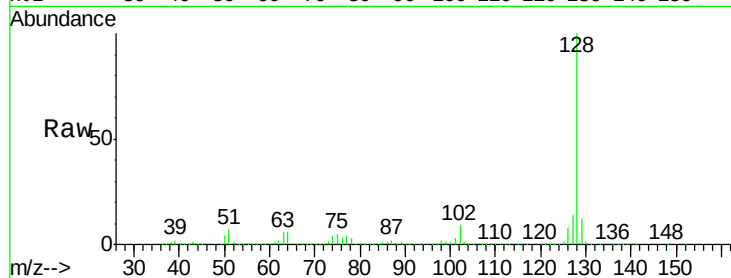
128 100

129 11.9 9.4 14.2

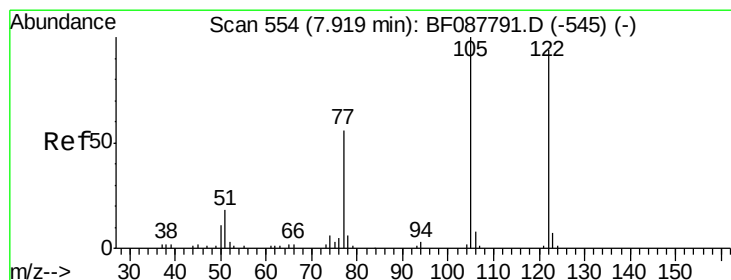
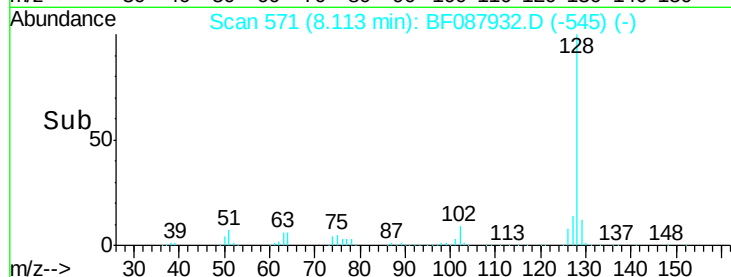
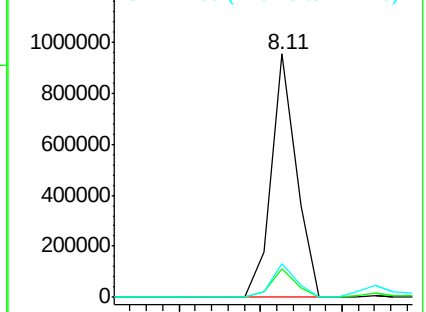
127 13.7 10.9 16.3

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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: 32.72 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

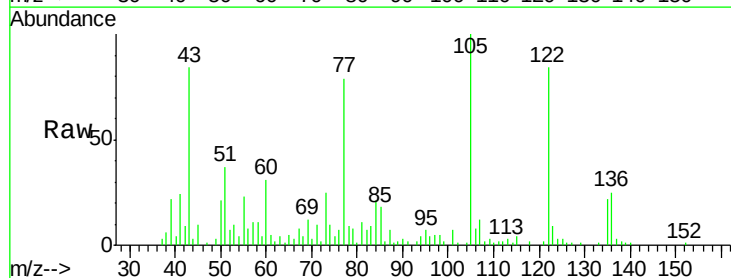
Tgt Ion:122 Resp: 132933

Ion Ratio Lower Upper

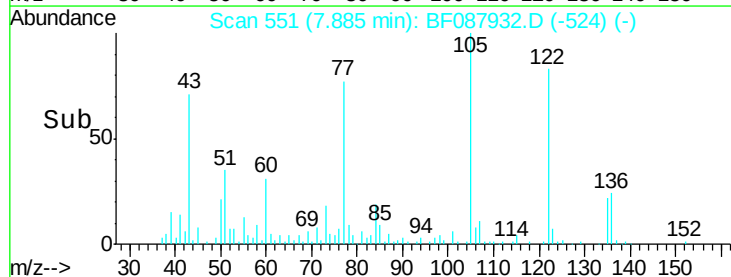
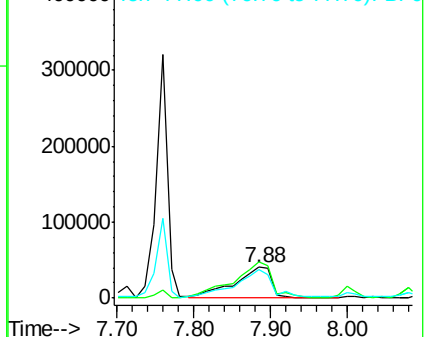
122 100

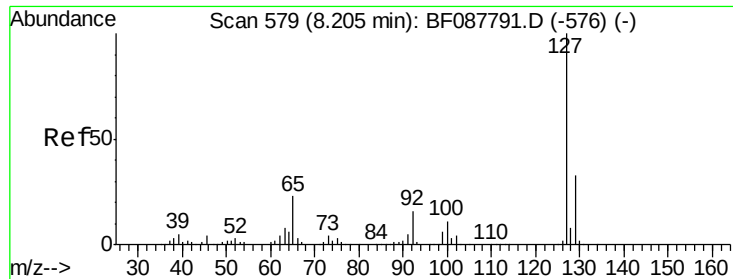
105 118.4 101.6 141.6

77 94.1 70.6 110.6



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





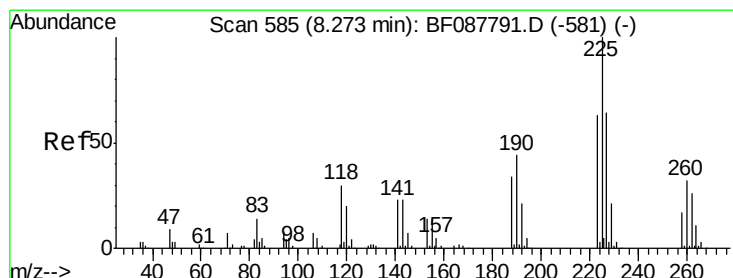
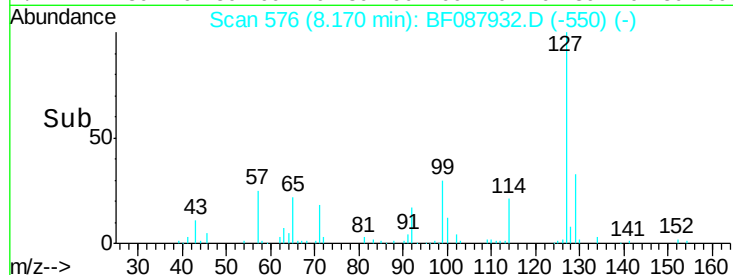
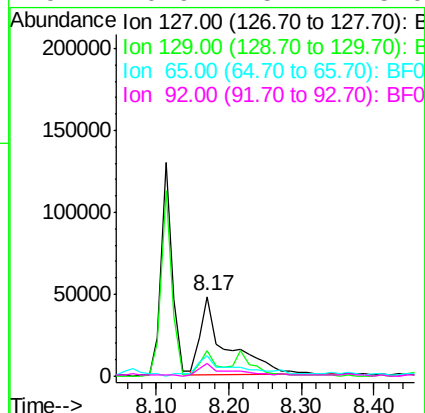
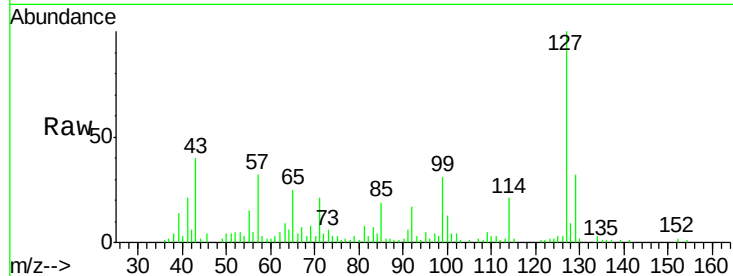
#33
4-Chloroaniline
Concen: 12.28 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.3	39.5		
65	25.4	24.7	37.1		
92	16.9	15.4	23.0		

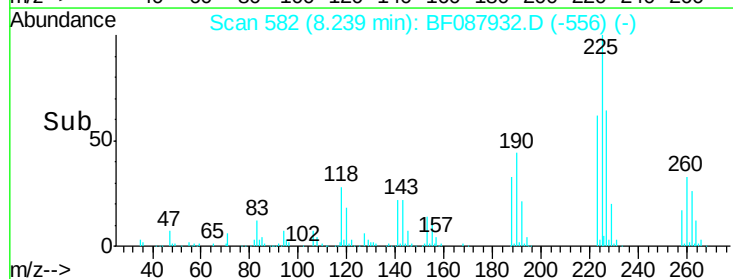
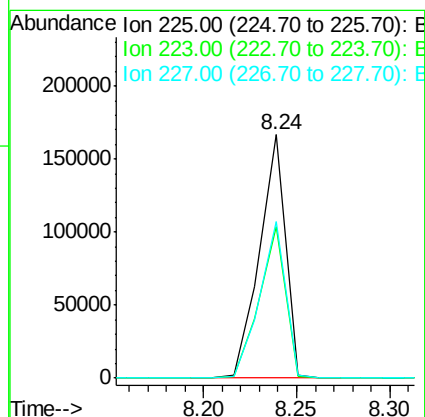
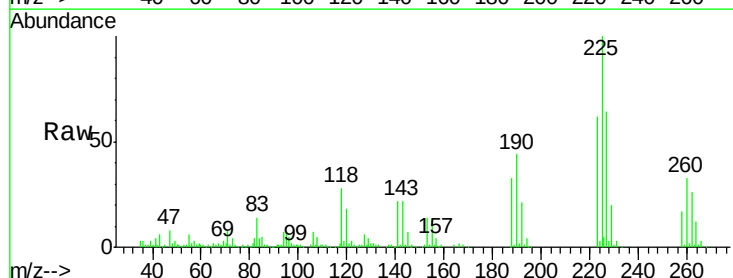
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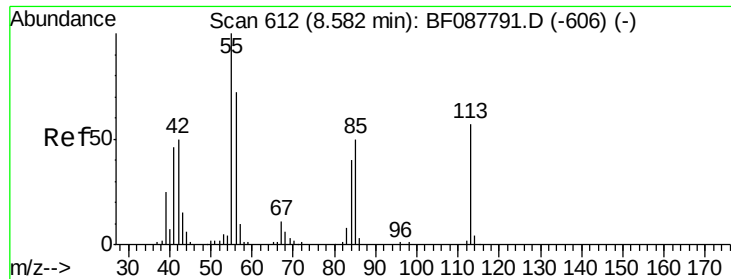
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#34
Hexachlorobutadiene
Concen: 45.45 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.9	76.3		
227	64.3	51.9	77.9		





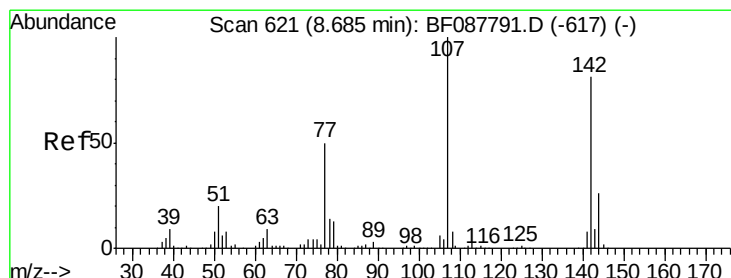
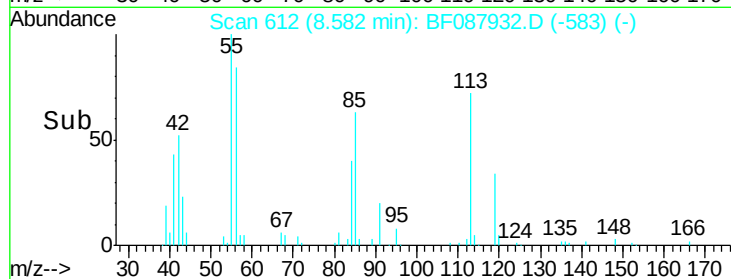
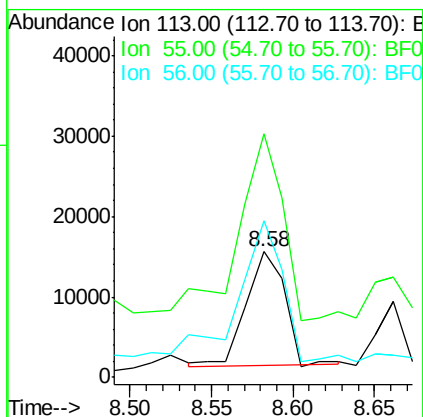
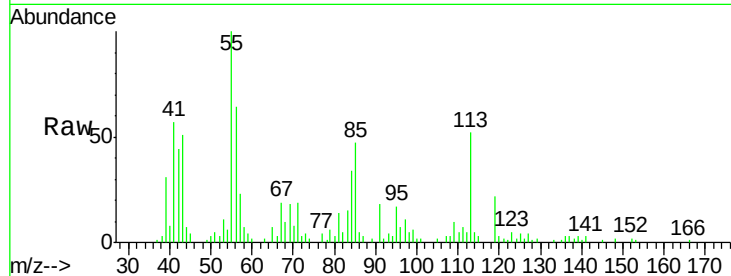
#35
 Caprolactam
 Concen: 11.41 ng
 RT: 8.58 min Scan# 612
 Delta R.T. 0.03 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.7	158.6	198.6
56	124.9	110.6	150.6

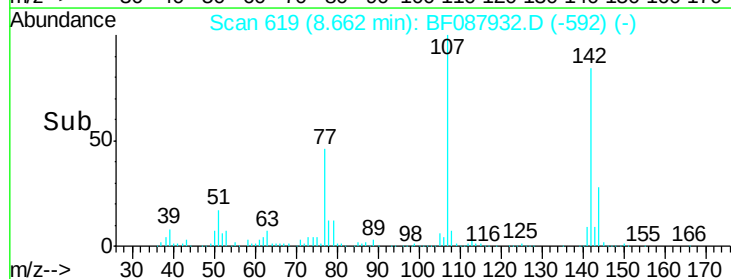
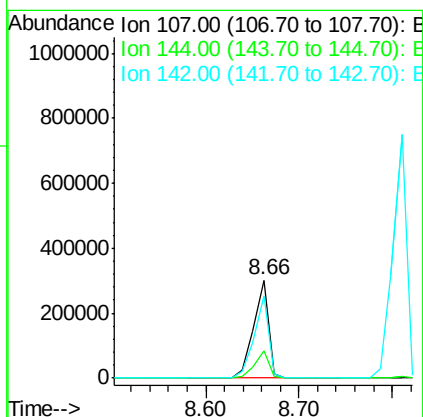
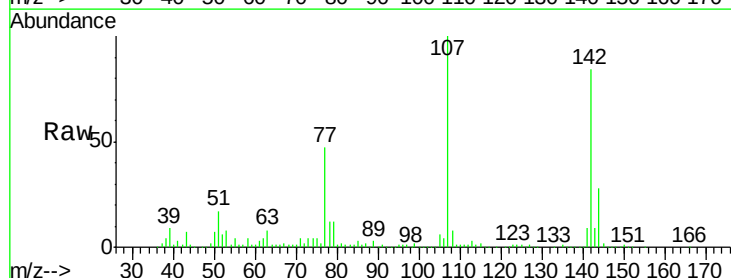
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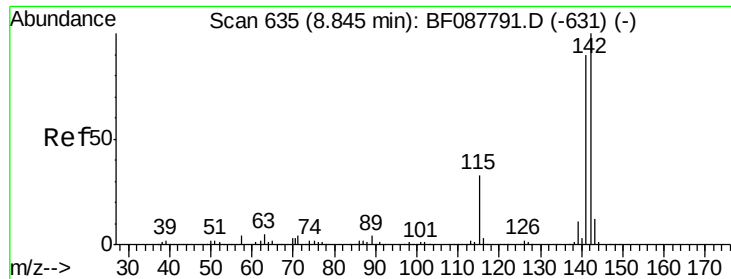
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#36
 4-Chloro-3-methylphenol
 Concen: 50.71 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	20.8	31.2
142	83.9	63.4	95.2





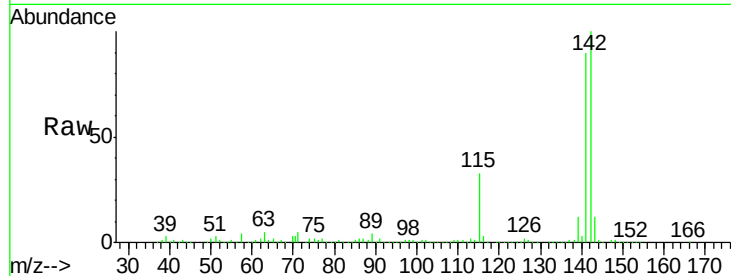
#37
2-Methylnaphthalene
Concen: 51.63 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	33.4	22.6	33.8

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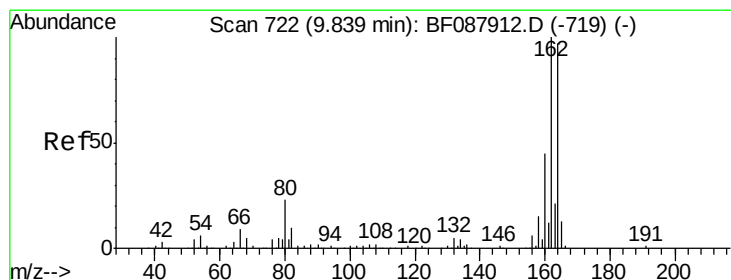
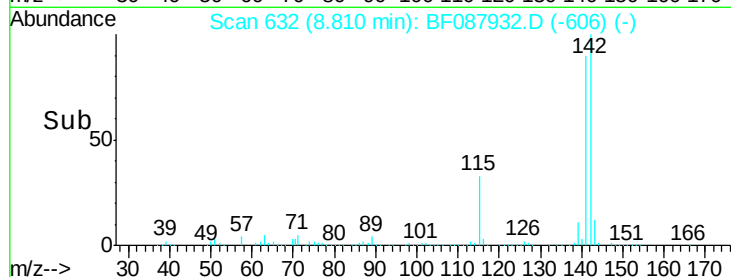
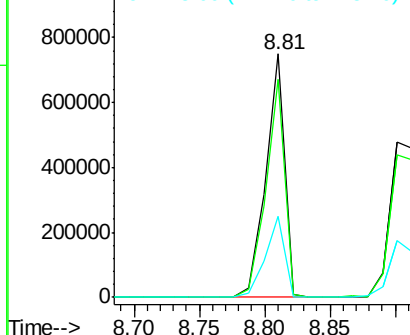


Abundance

Ion 142.00 (141.70 to 142.70): E

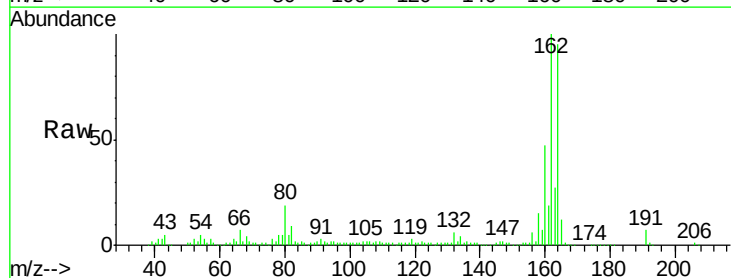
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	49.8	39.5	59.3

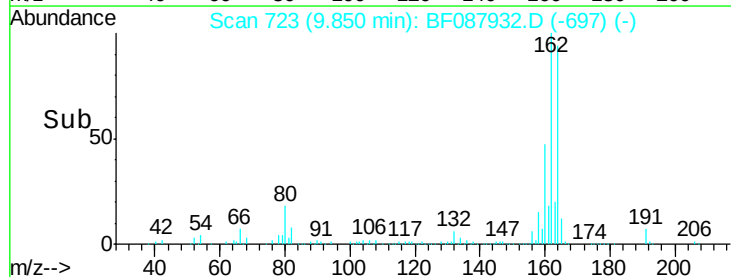
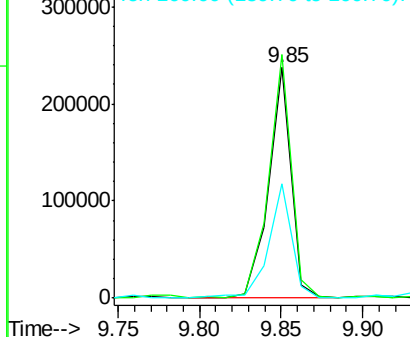


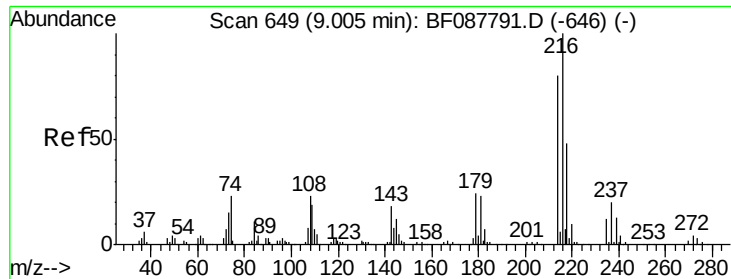
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.81 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

ClientSampleId :

MW1MSD

Tot Ion:216 Resp: 287058
Ion Ratio Lower Upper

216 100

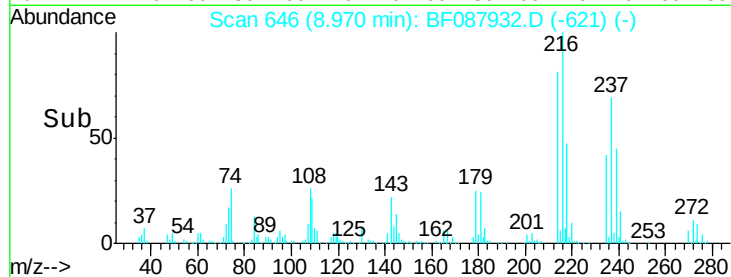
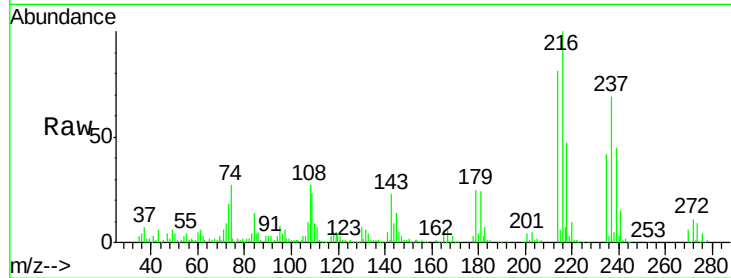
214 78.9 2.9 4.3#

179 21.3 0.0 0.0#

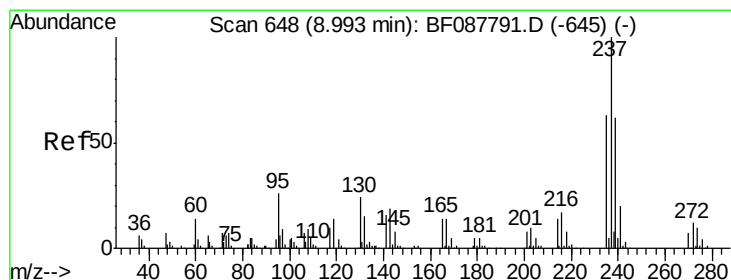
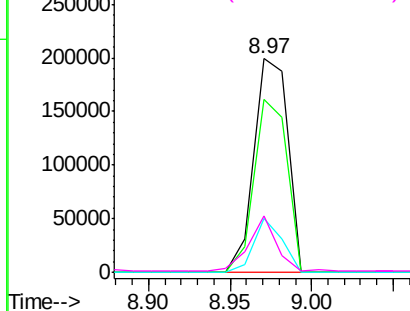
108 21.0 0.5 0.7#

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.98 ng

RT: 8.96 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF087932.D

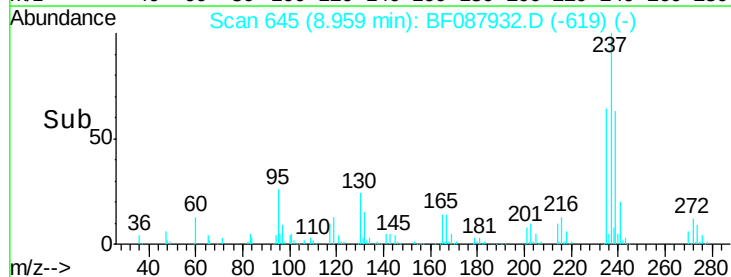
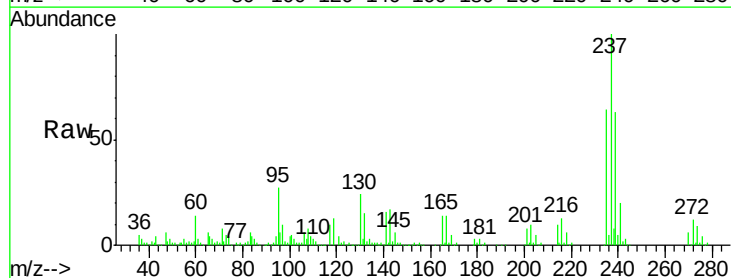
Acq: 12 Jun 2016 6:49

Tgt Ion:237 Resp: 282162
Ion Ratio Lower Upper

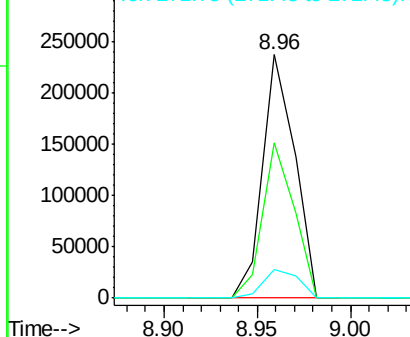
237 100

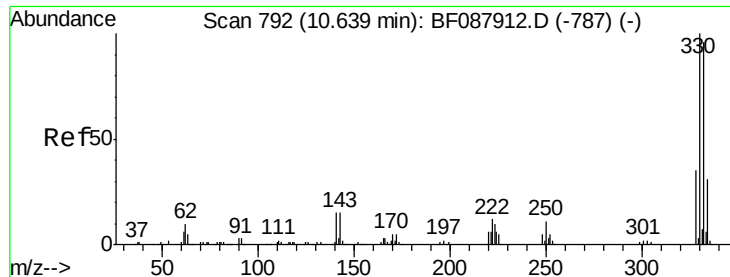
235 63.8 43.4 83.4

272 11.8 0.0 32.3



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





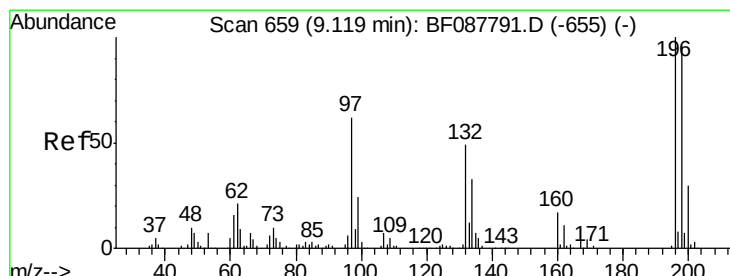
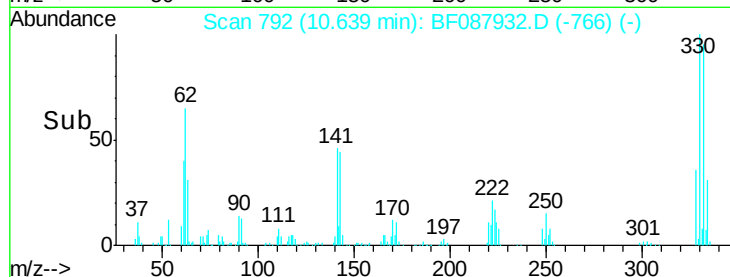
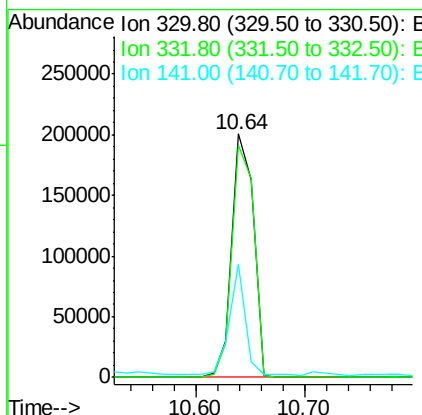
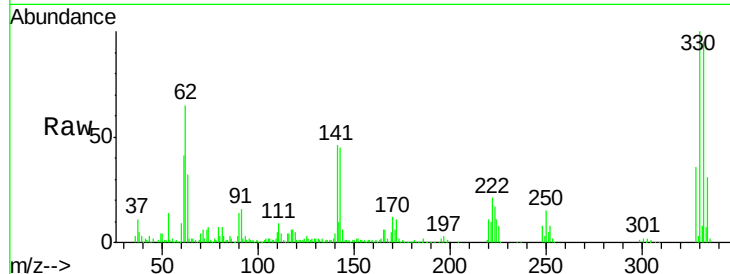
#41
 2,4,6-Tribromophenol
 Concen: 115.92 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampled :
 MW1MSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	33.1	0.0	0.0#

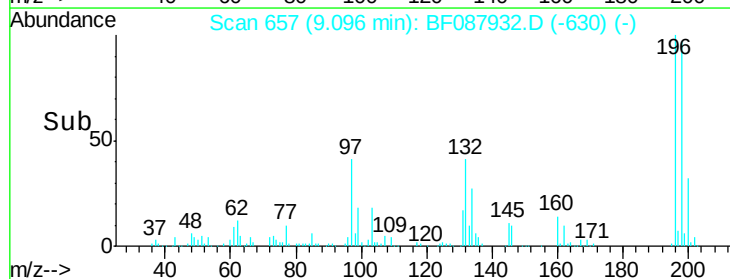
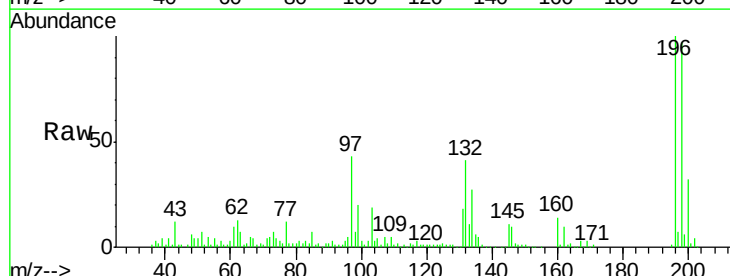
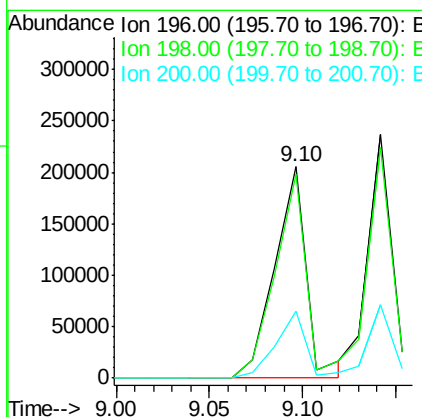
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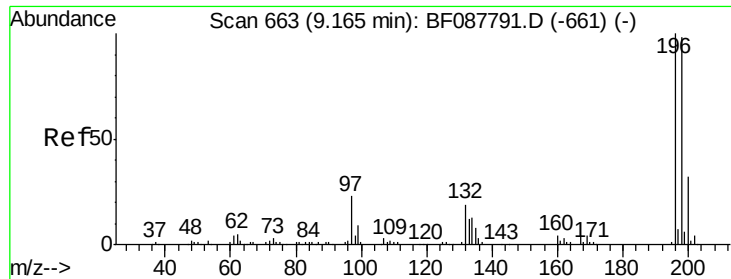
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#42
 2,4,6-Trichlorophenol
 Concen: 54.26 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.5	78.0	117.0
200	31.9	25.4	38.2





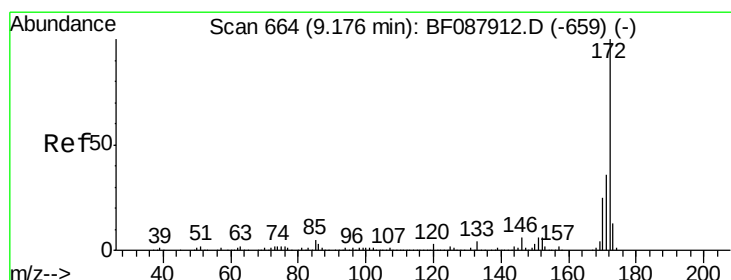
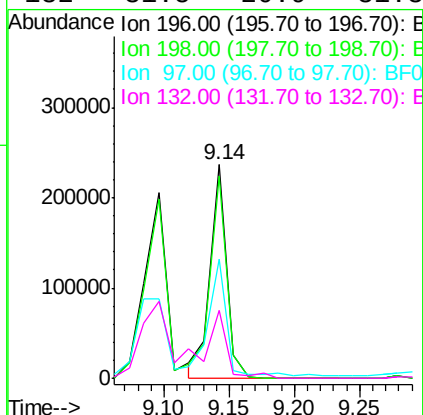
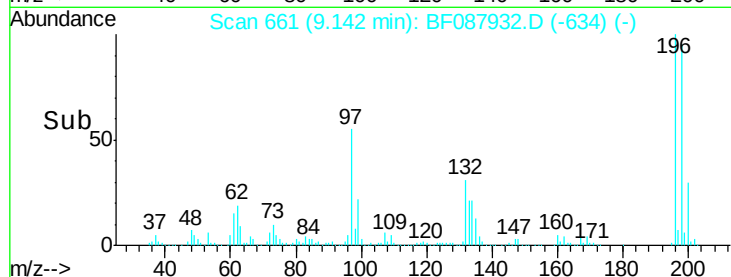
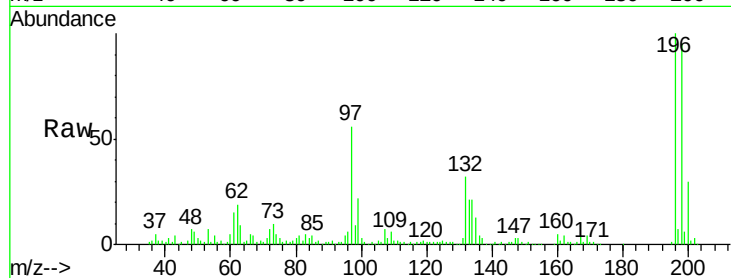
#43
 2,4,5-Trichlorophenol
 Concen: 45.02 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210124		
198	94.8	77.5	116.3	
97	56.0	32.0	48.0	
132	31.5	20.9	31.3	

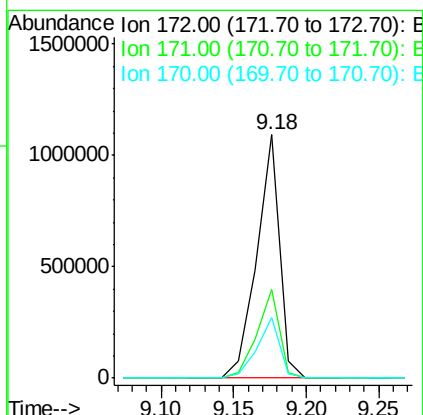
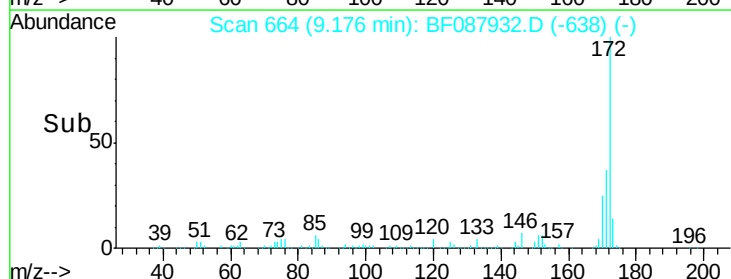
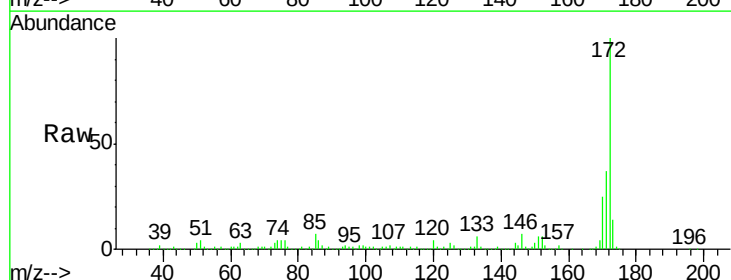
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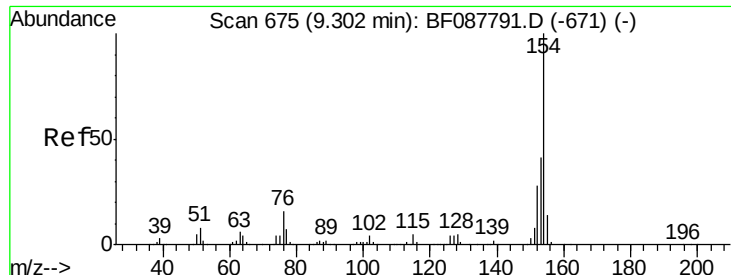
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#44
 2-Fluorobiphenyl
 Concen: 83.15 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1189098		
171	36.7	28.6	43.0	
170	24.8	19.2	28.8	





#45

1,1'-Biphenyl

Concen: 57.10 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

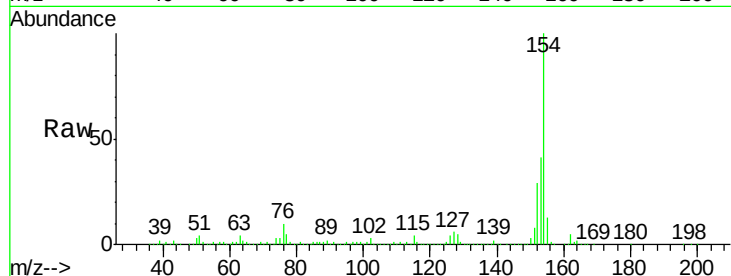
ClientSampleId :

MW1MSD

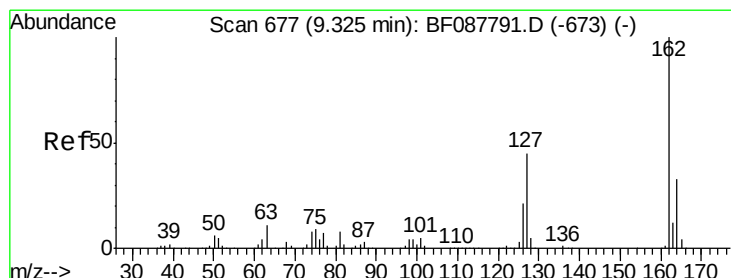
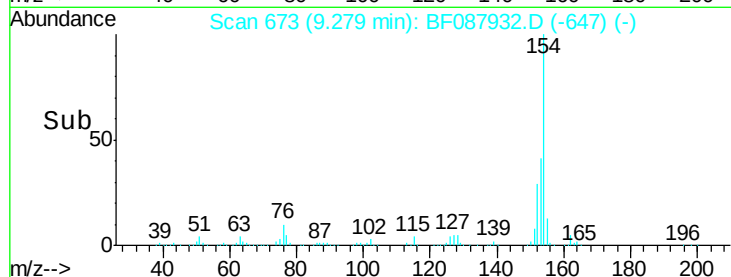
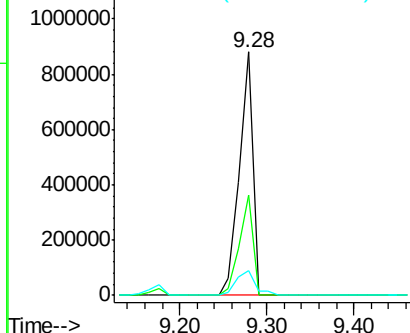
Tot Ion:	154	Resp:	933411
Ion Ratio		Lower	Upper
154	100		
153	41.0	20.6	60.6
76	10.0	0.0	35.1

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



#46

2-Chloronaphthalene

Concen: 51.07 ng

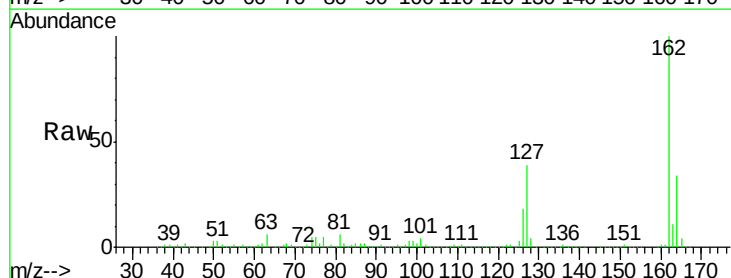
RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

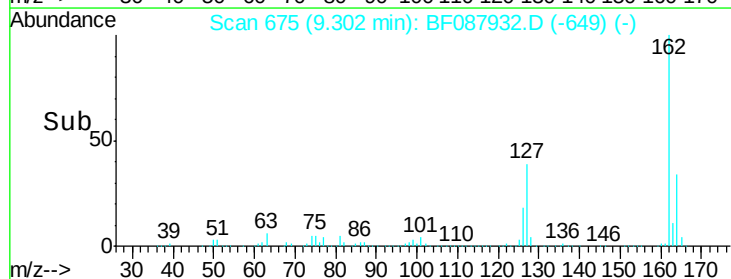
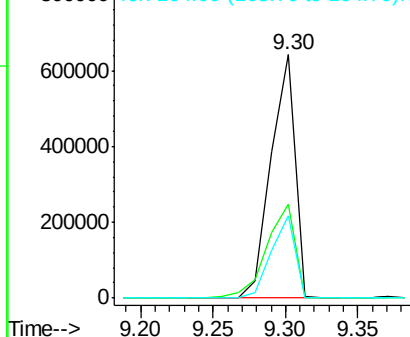
Lab File: BF087932.D

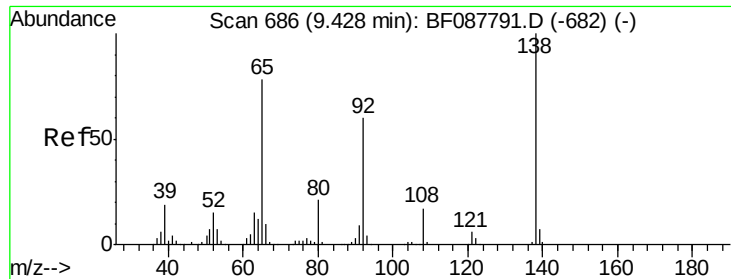
Acq: 12 Jun 2016 6:49

Tgt Ion:	162	Resp:	741358
Ion Ratio		Lower	Upper
162	100		
127	38.7	35.2	52.8
164	33.9	26.6	39.8



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





#47

2-Nitroaniline

Concen: 50.77 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

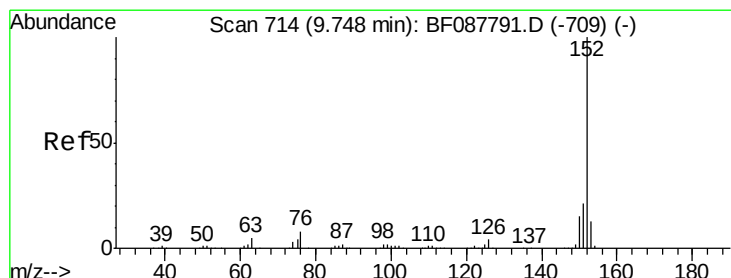
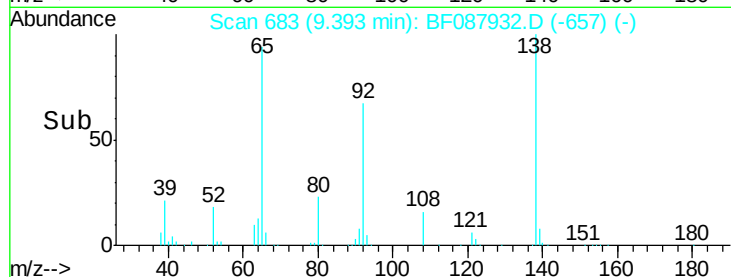
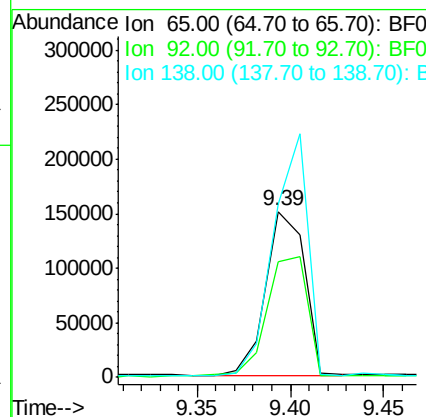
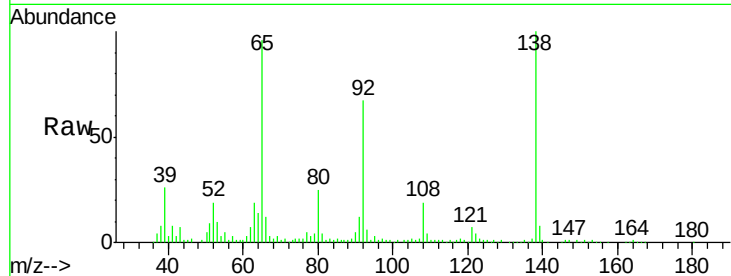
ClientSampleId :

MW1MSD

Tot Ion:	65	Resp:	217404
Ion Ratio	Lower	Upper	
65	100		
92	70.0	54.6	82.0
138	104.5	77.0	115.4

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#48

Acenaphthylene

Concen: 46.57 ng

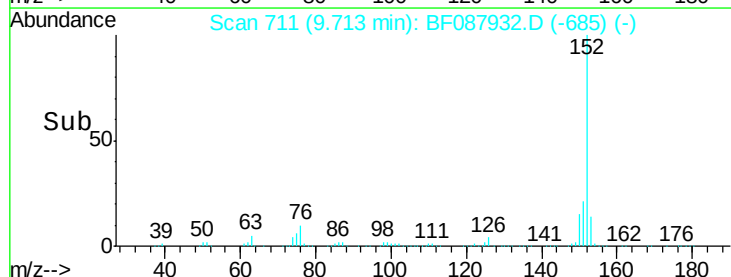
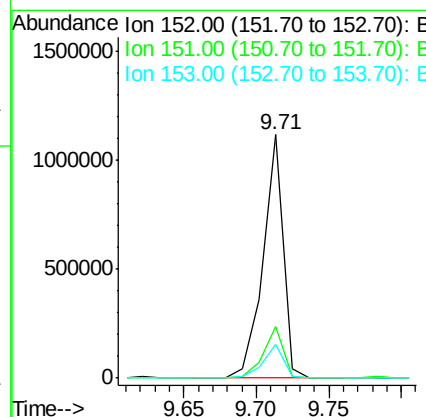
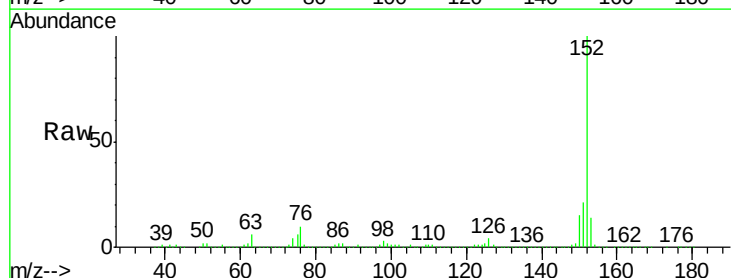
RT: 9.71 min Scan# 711

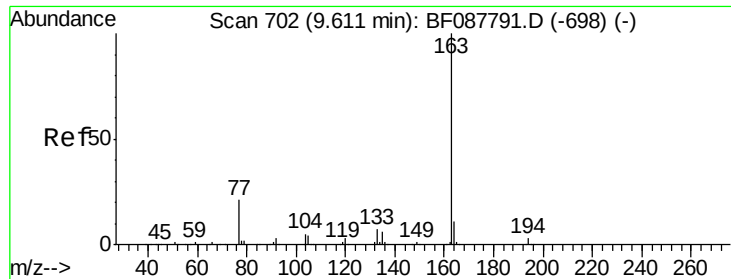
Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	152	Resp:	1075341
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.2	24.4
153	13.8	11.0	16.6





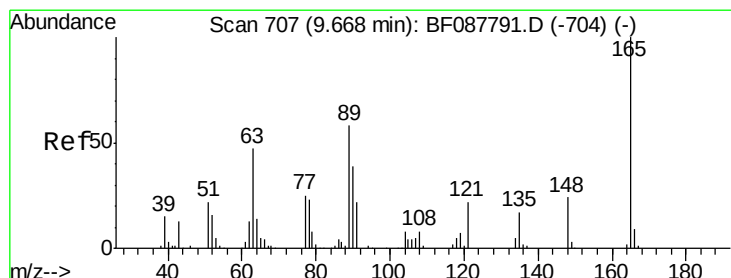
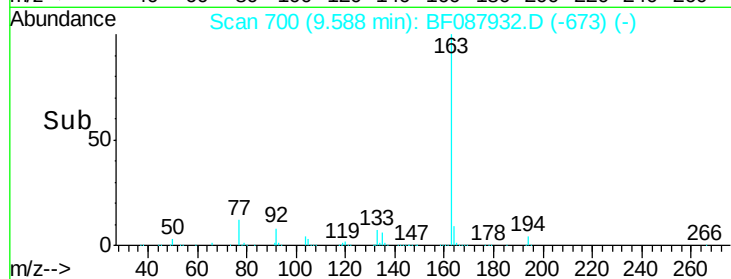
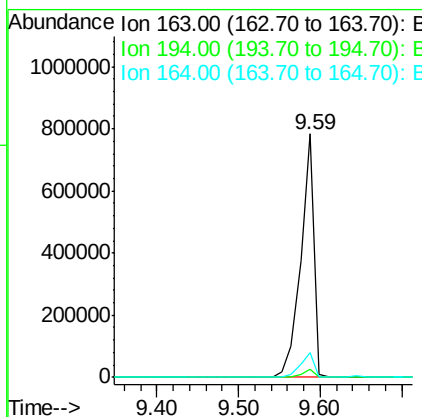
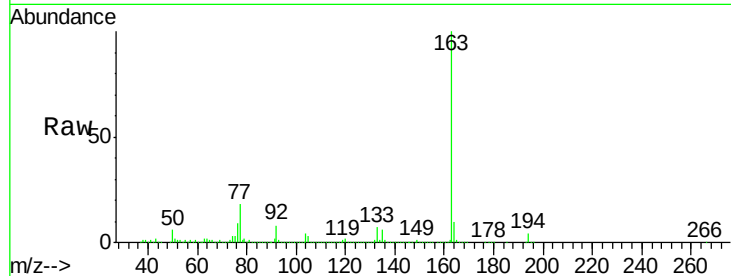
#49
Dimethylphthalate
Concen: 54.62 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampled :
MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	887635		
194	3.6		2.8	4.2
164	10.3		8.3	12.5

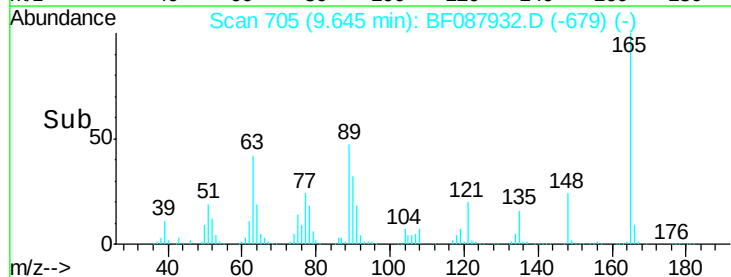
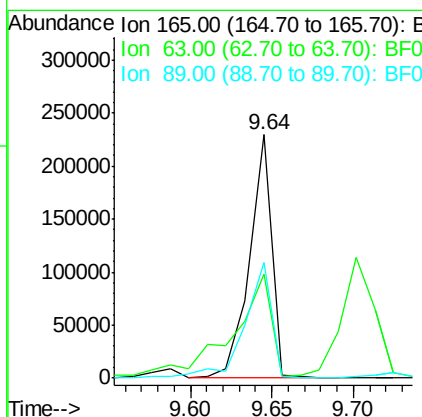
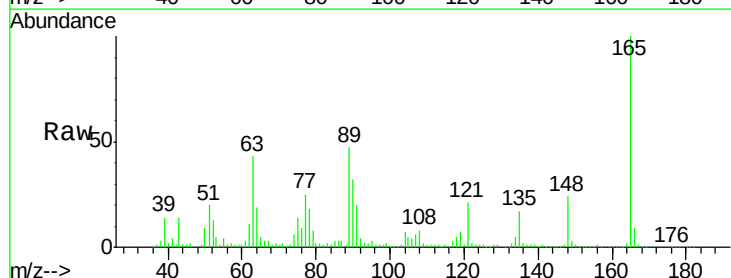
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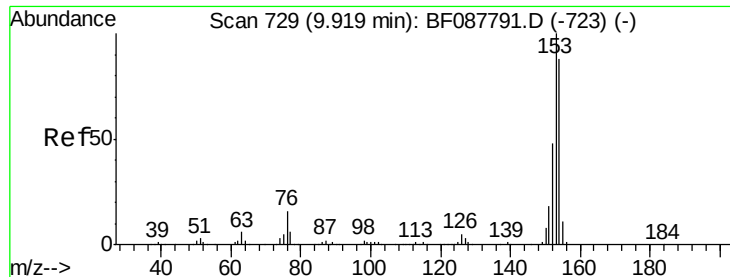
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#50
2,6-Dinitrotoluene
Concen: 57.66 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214589		
63	42.9		28.1	42.1#
89	47.4		32.2	48.2





#51

Acenaphthene

Concen: 46.72 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

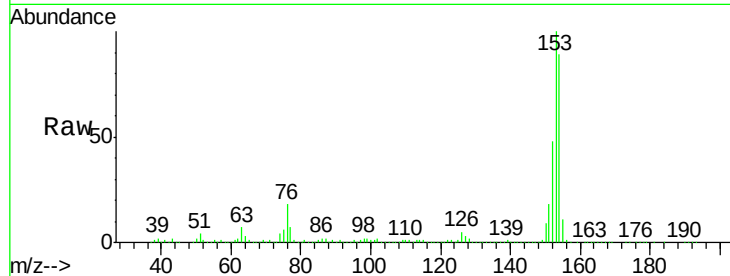
ClientSampled :

MW1MSD

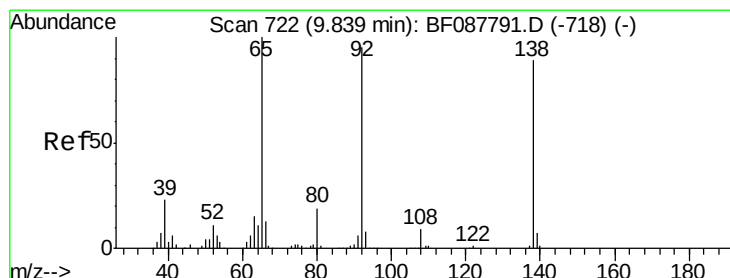
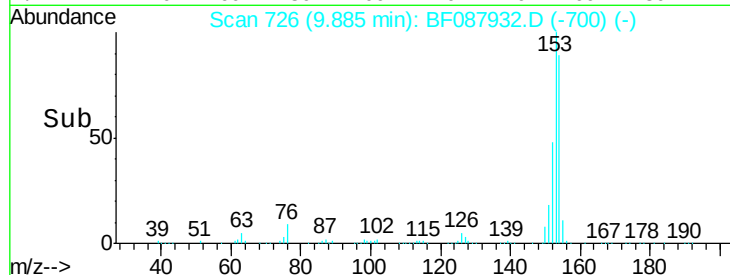
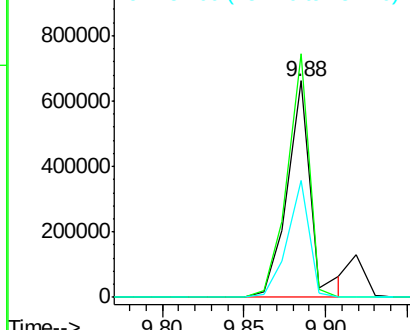
Tot Ion:	154	Resp:	672970
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.5	134.3
152	54.1	42.7	64.1

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



#52

3-Nitroaniline

Concen: 16.03 ng

RT: 9.82 min Scan# 720

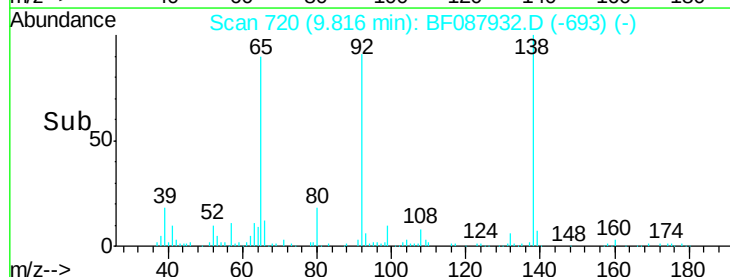
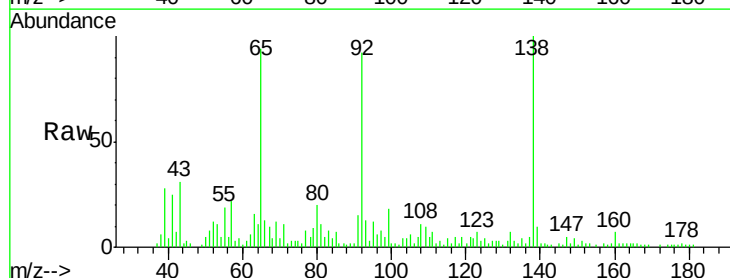
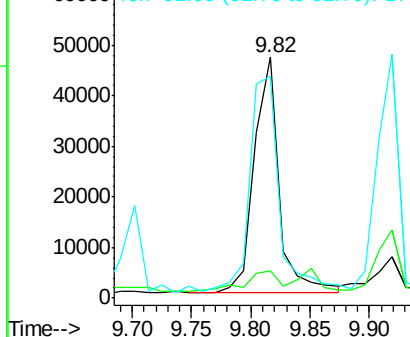
Delta R.T. 0.01 min

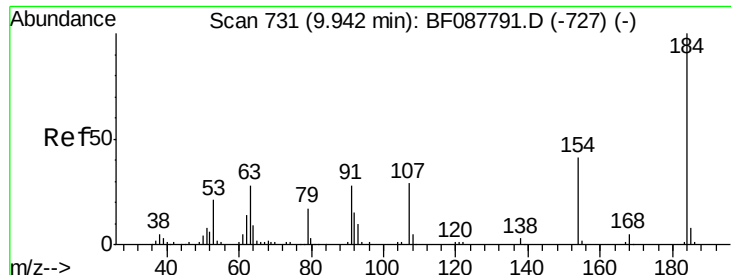
Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	138	Resp:	68845
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.5	12.7
92	92.2	95.7	143.5#

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





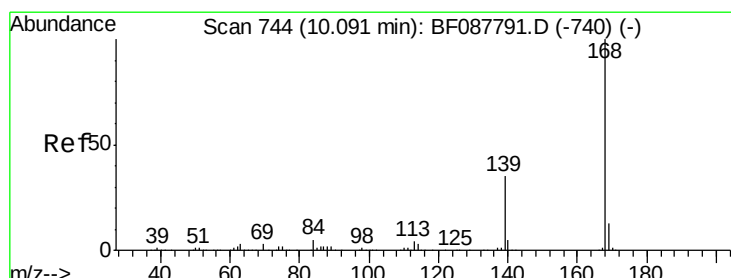
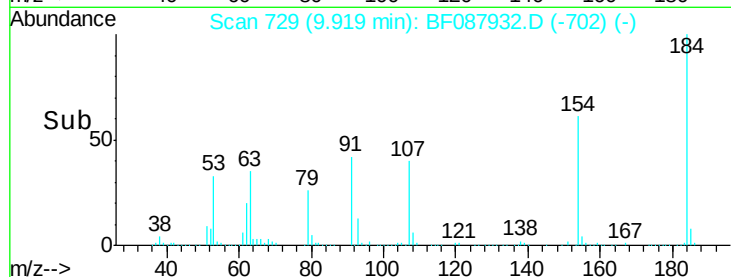
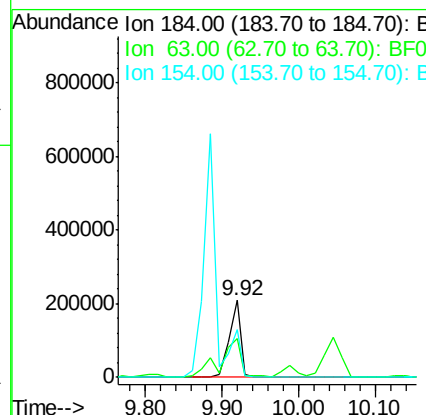
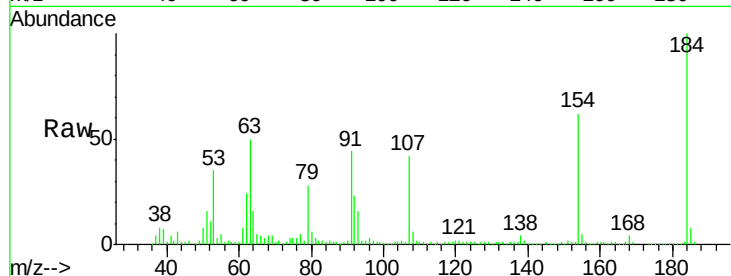
#53
2,4-Dinitrophenol
Concen: 103.20 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	225978		
63	49.9	57.6	86.4#	
154	61.7	53.5	80.3	

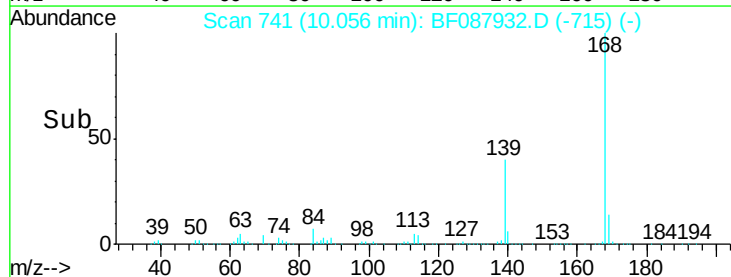
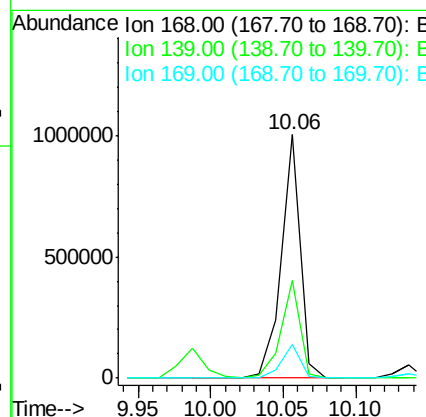
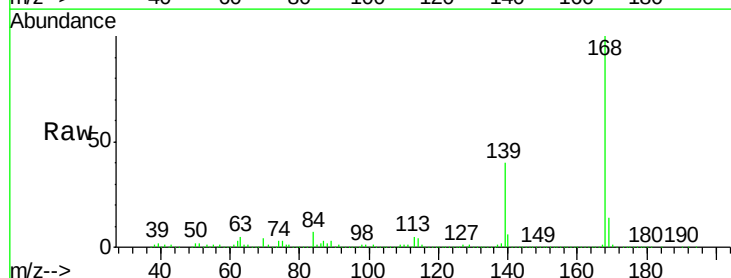
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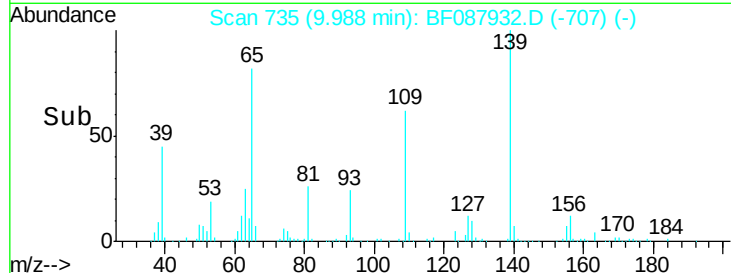
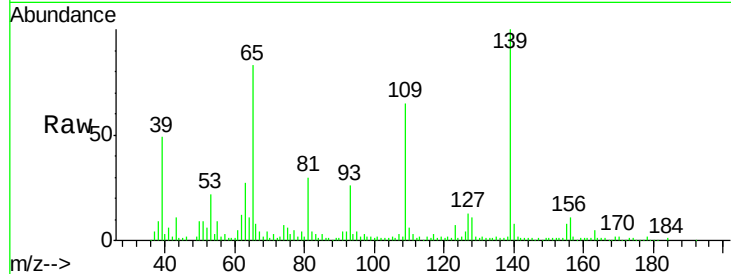
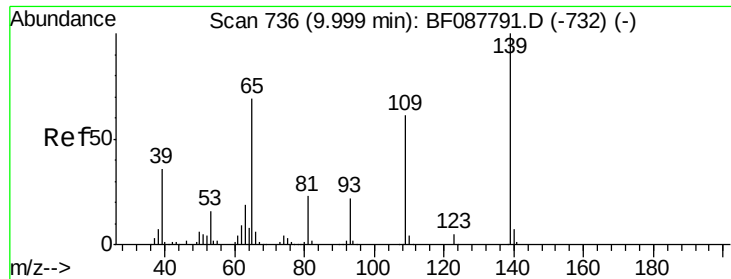
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#54
Dibenzofuran
Concen: 45.75 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	907484		
139	40.3	26.4	39.6#	
169	14.0	10.4	15.6	





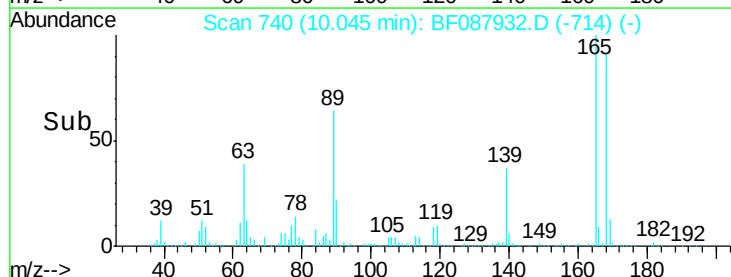
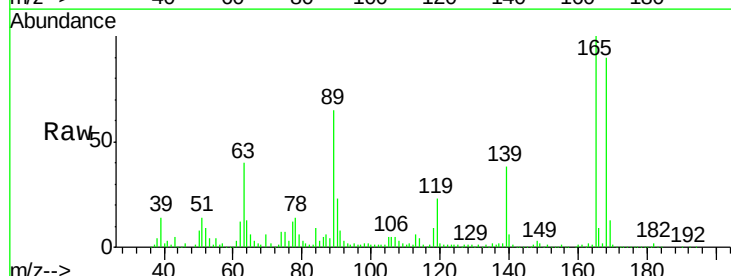
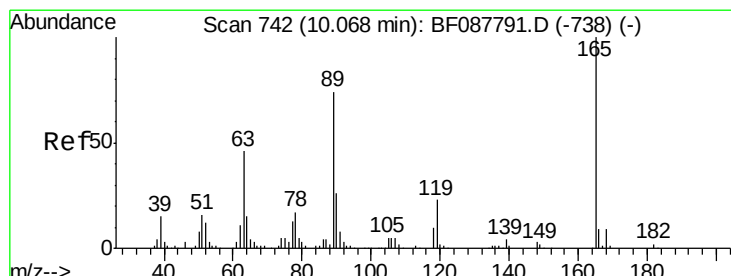
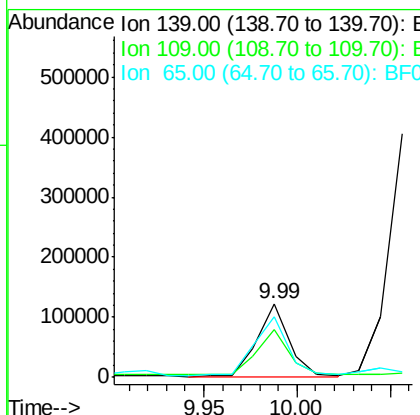
#55
4-Nitrophenol
Concen: 42.91 ng
RT: 9.99 min Scan# 735
Delta R.T. 0.02 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tot Ion	Ratio	Resp	Lower	Upper
139	100	143030		
109	64.5	48.9	88.9	
65	83.3	84.9	124.9	

Instrument :
BNA_F
ClientSampleId :
MW1MSD

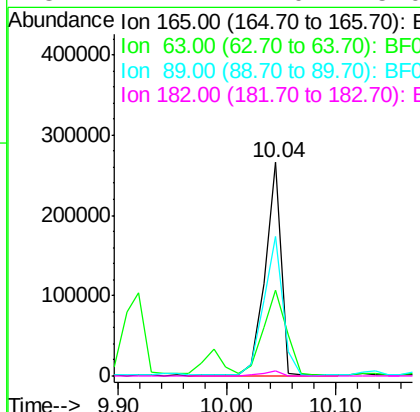
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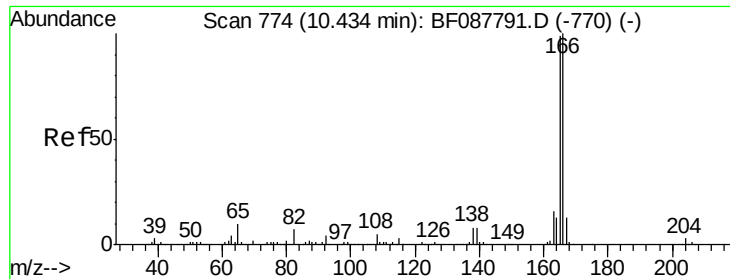
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#56
2,4-Dinitrotoluene
Concen: 57.06 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	272882		
63	40.3	22.0	33.0	
89	65.2	41.1	61.7	
182	2.4	2.0	3.0	





#57

Fluorene

Concen: 54.14 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

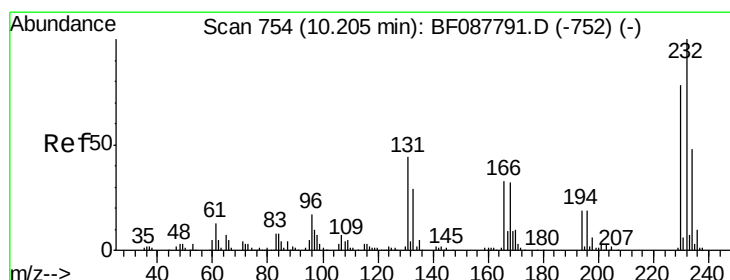
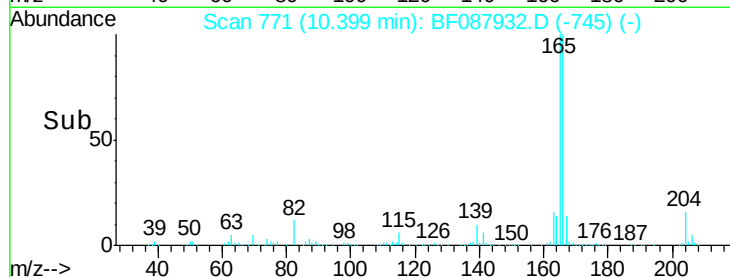
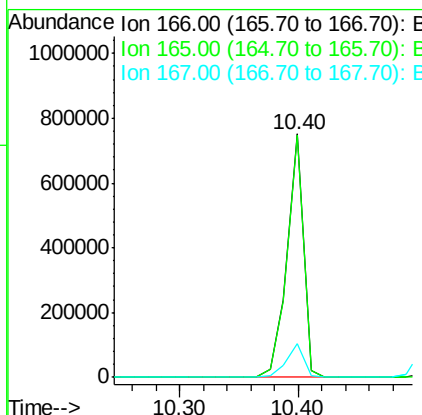
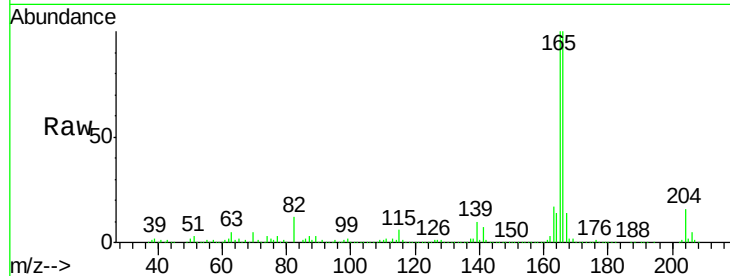
ClientSampleId :

MW1MSD

Tot Ion:	166	Resp:	712683
Ion Ratio	Lower	Upper	
166	100		
165	99.7	77.8	116.8
167	13.7	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 53.61 ng

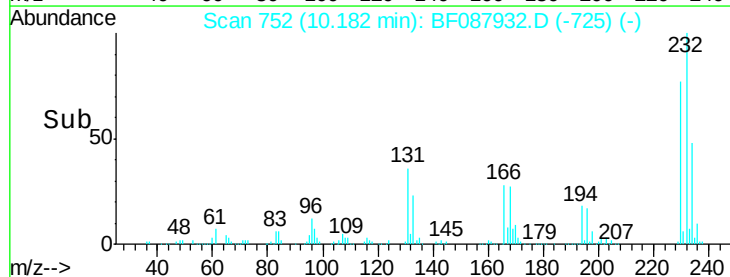
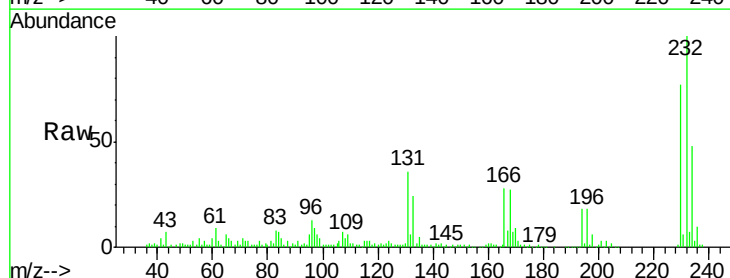
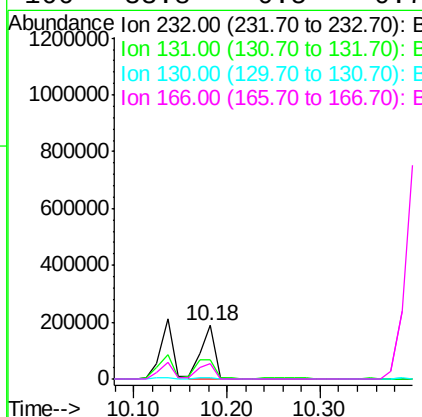
RT: 10.18 min Scan# 752

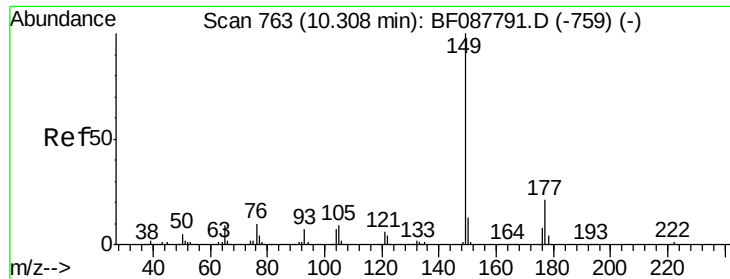
Delta R.T. 0.01 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	232	Resp:	196644
Ion Ratio	Lower	Upper	
232	100		
131	48.7	0.9	1.3#
130	2.8	1.5	2.3#
166	33.8	0.5	0.7#





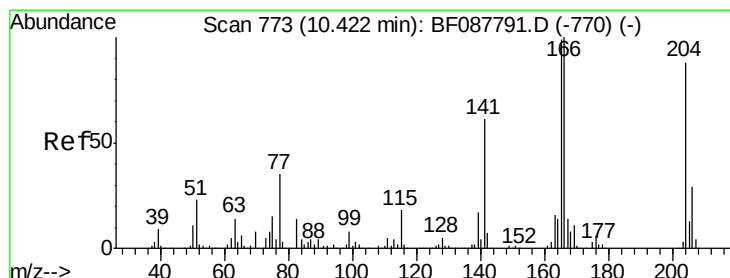
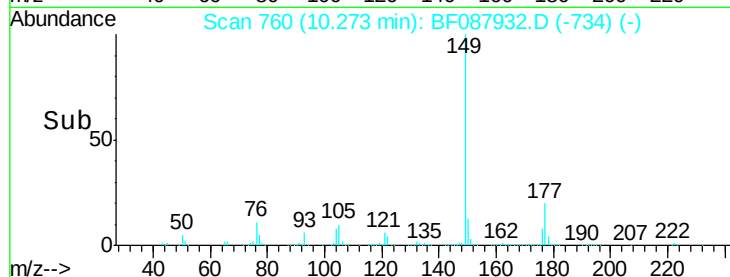
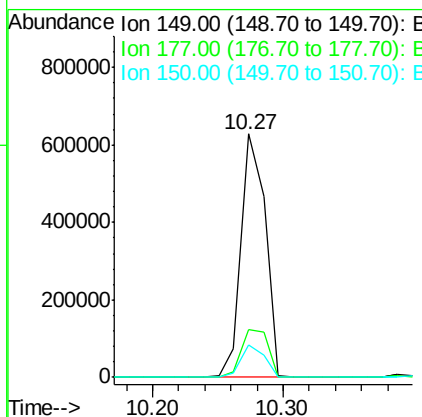
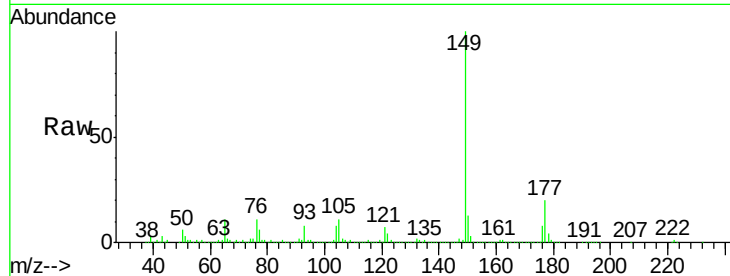
#59
Diethylphthalate
Concen: 48.88 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	803999		
177	19.8	16.9	25.3	
150	13.1	10.1	15.1	

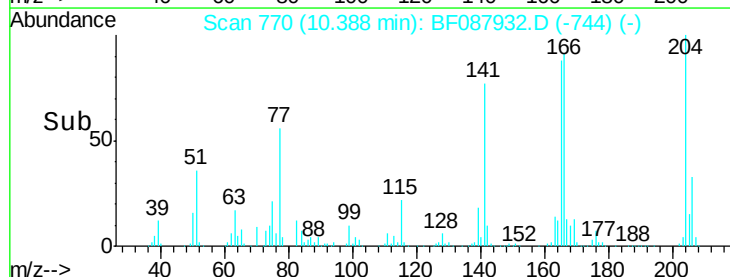
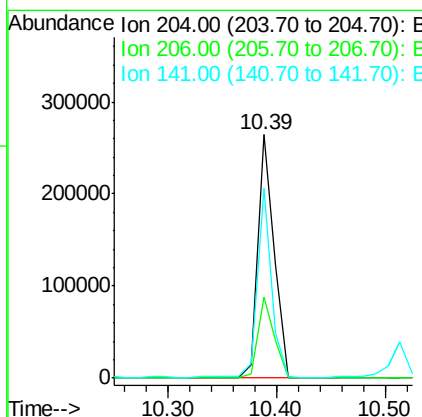
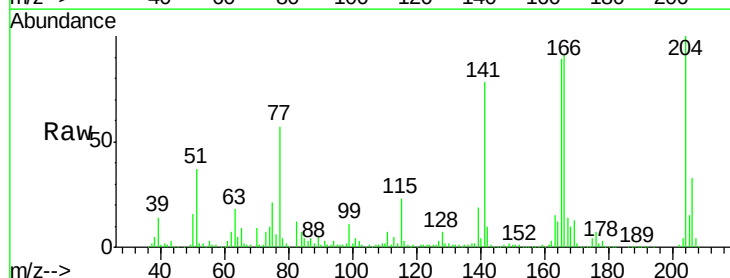
Manual Integrations
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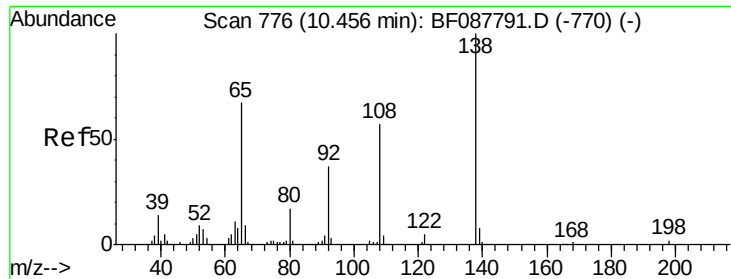
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#60
4-Chlorophenyl-phenylether
Concen: 42.17 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	278170		
206	33.1	26.3	39.5	
141	78.0	55.0	82.6	





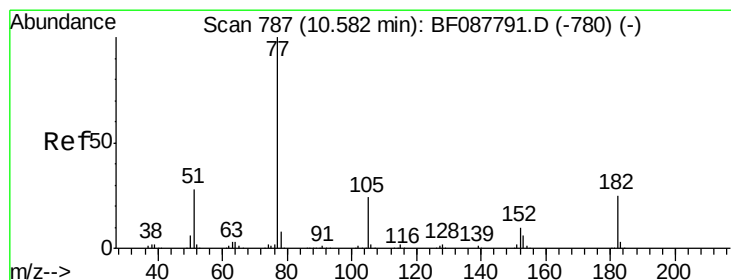
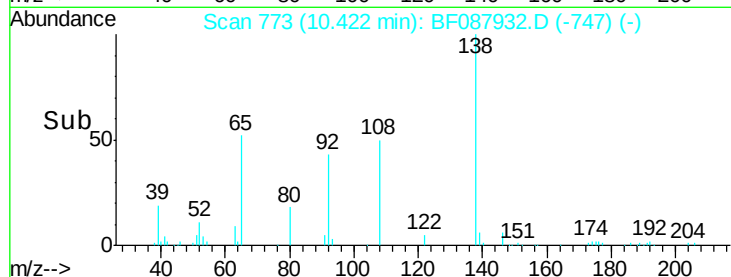
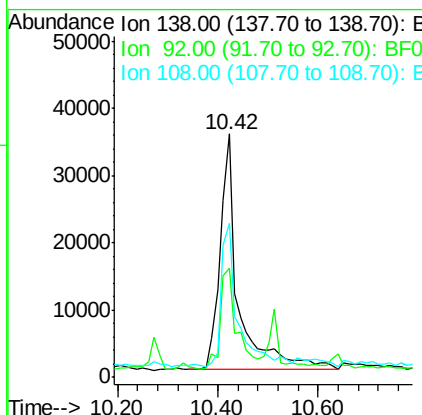
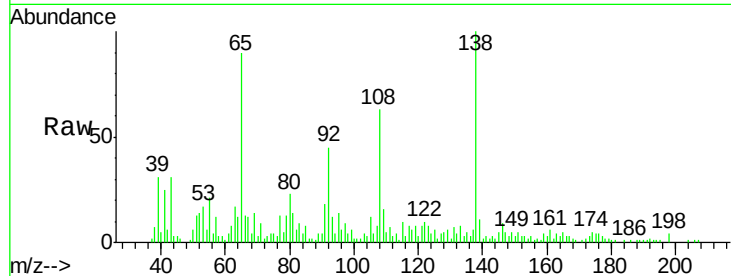
#61
4-Nitroaniline
Concen: 22.08 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampled :
MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	89933		
92	44.7	27.3	67.3	
108	63.3	46.7	86.7	

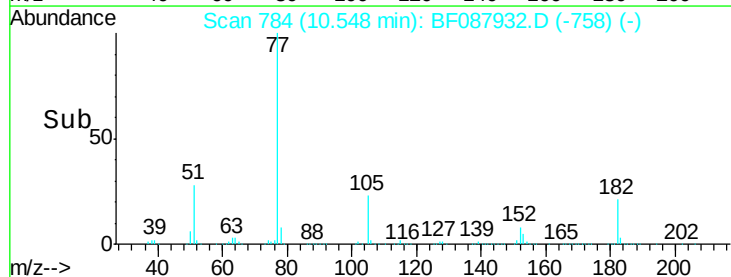
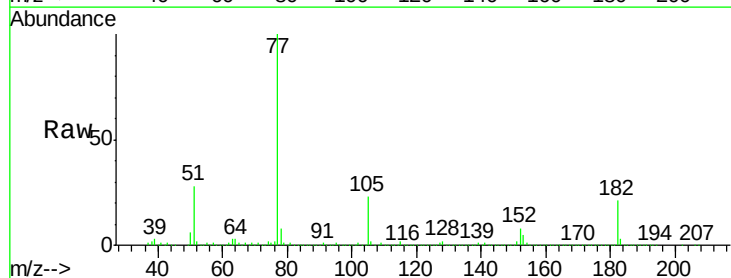
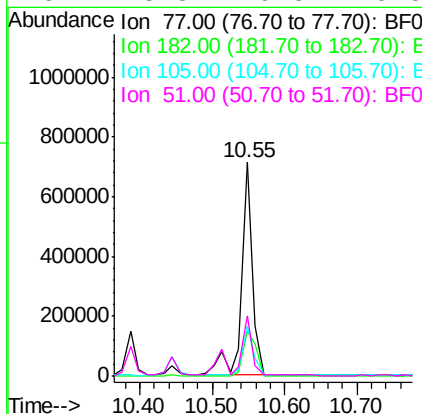
Manual Integrations
APPROVED

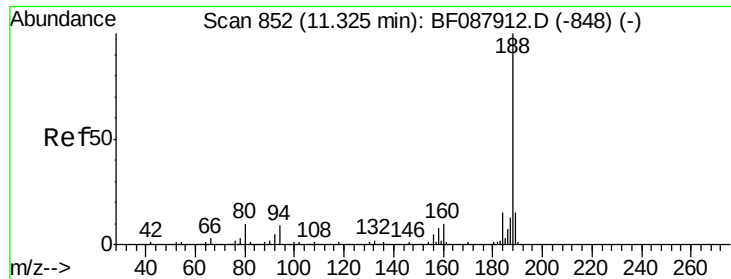
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#62
Azobenzene
Concen: 46.08 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	749489		
182	21.2	4.4	44.4	
105	23.4	3.8	43.8	
51	28.3	9.3	49.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

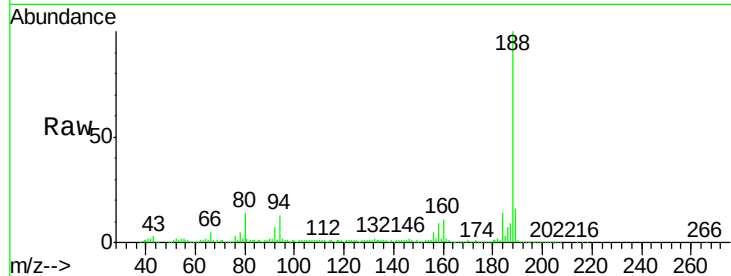
ClientSampleId :

MW1MSD

Tot Ion:	188	Resp:	410932
Ion Ratio	Lower	Upper	
188	100		
94	13.1	9.0	13.6
80	13.8	10.0	15.0

Manual Integrations
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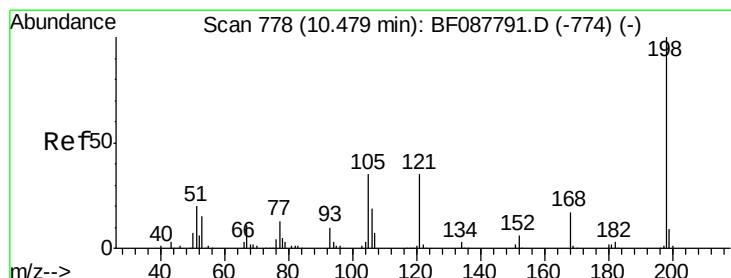
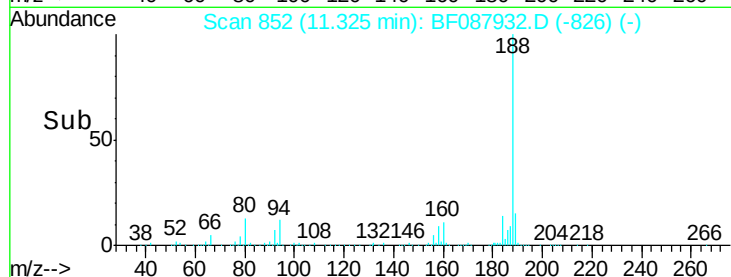
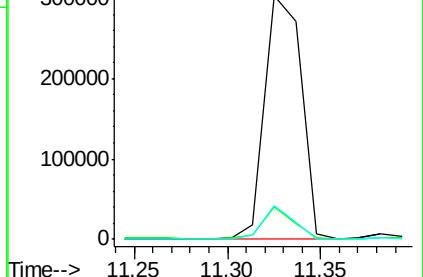
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.02 ng

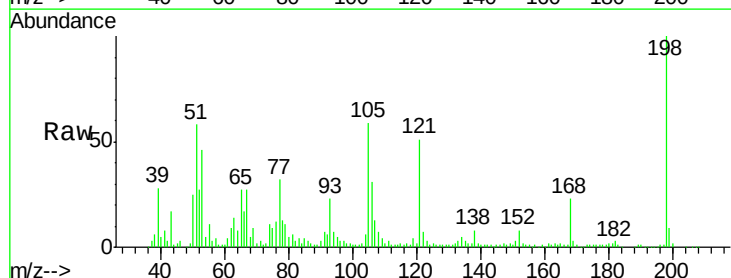
RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

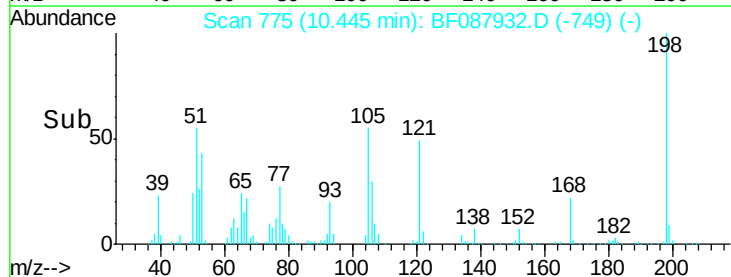
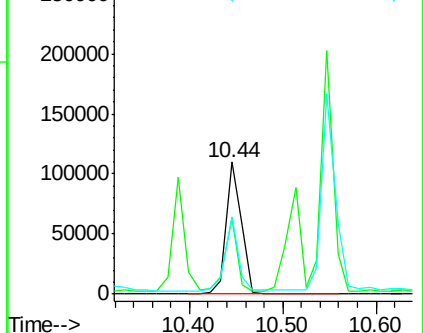
Tgt Ion:	198	Resp:	125894
Ion Ratio	Lower	Upper	
198	100		
51	57.9	39.6	79.6
105	59.0	36.6	76.6

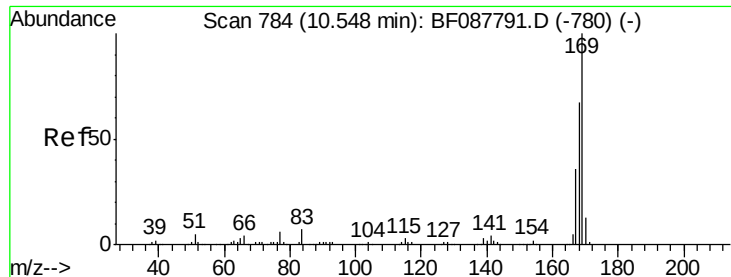


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.30 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

ClientSampleId :

MW1MSD

Tot Ion:169 Resp: 645010

Ion Ratio Lower Upper

169 100

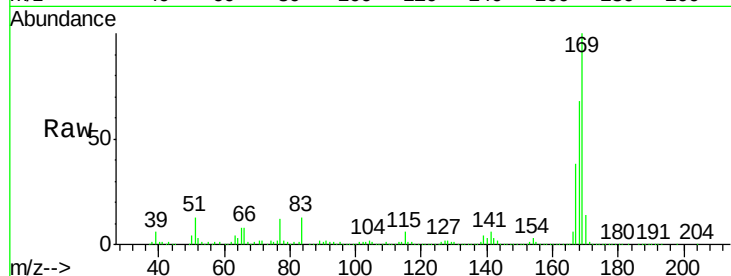
168 67.7 53.4 80.0

167 37.7 29.4 44.0

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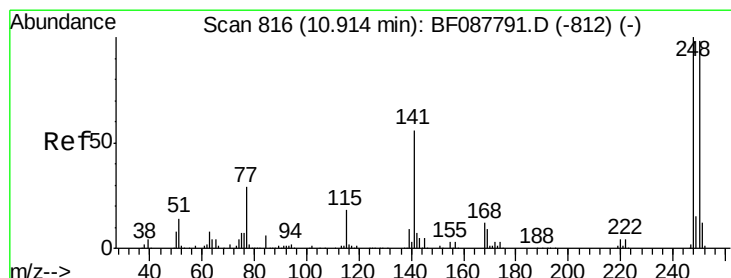
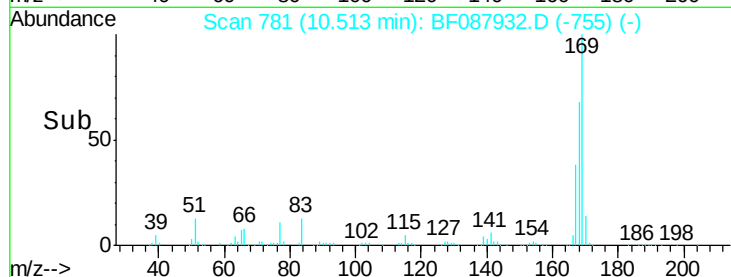
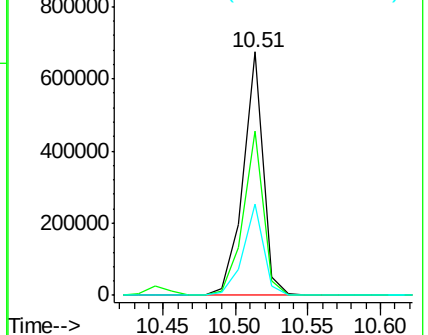
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.60 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

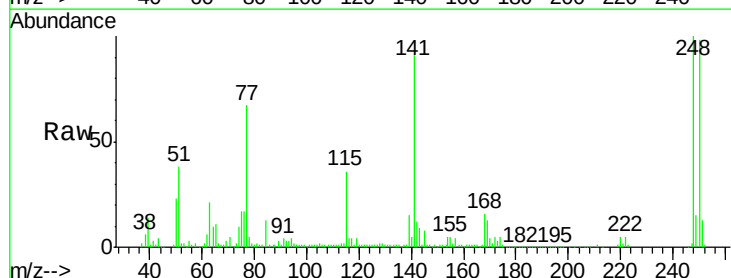
Tgt Ion:248 Resp: 196614

Ion Ratio Lower Upper

248 100

250 97.8 77.1 115.7

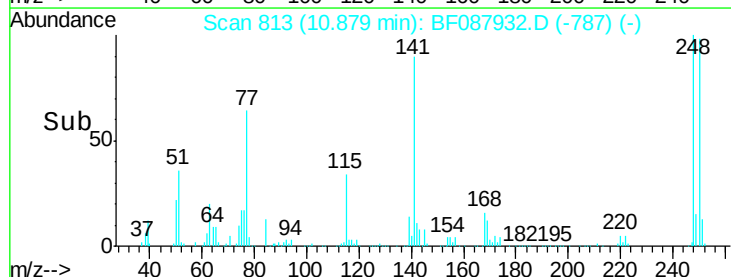
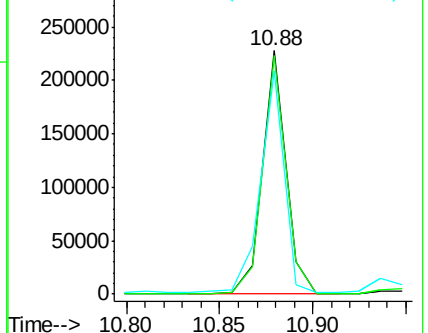
141 91.4 50.6 76.0#

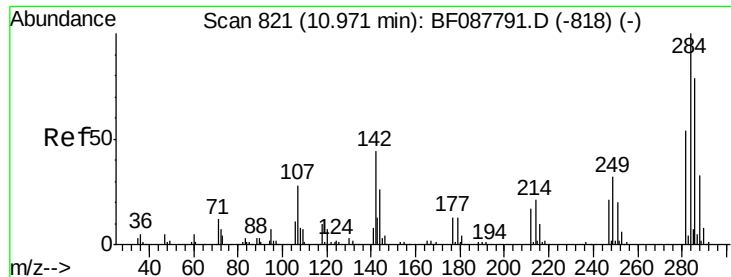


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





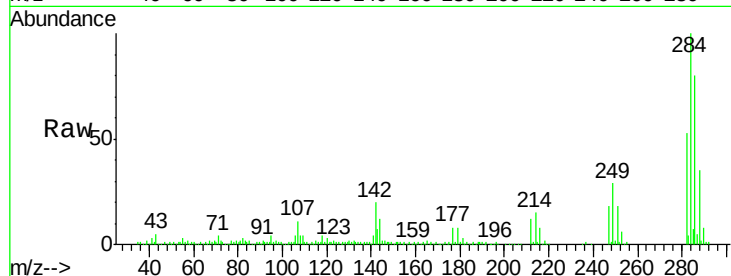
#67
Hexachlorobenzene
Concen: 52.23 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

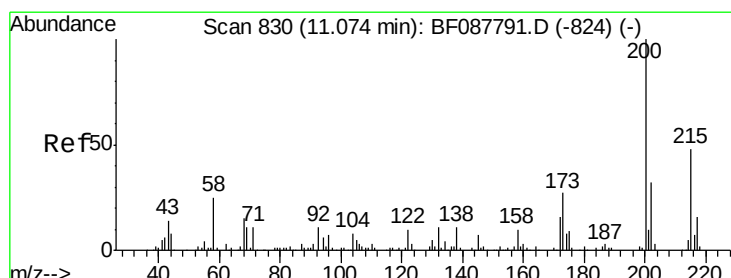
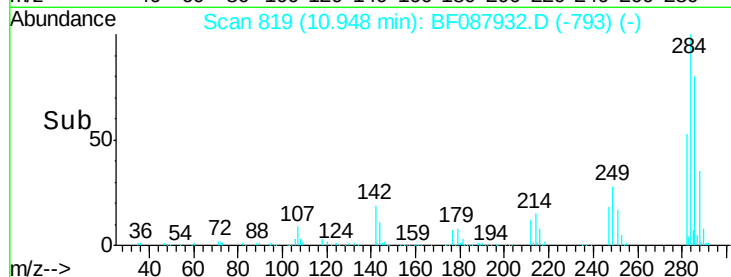
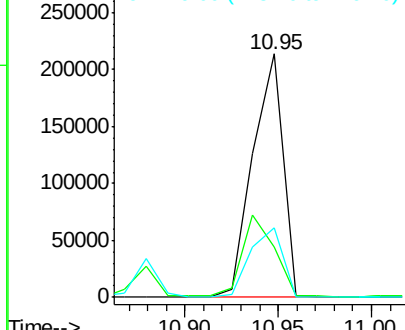
Tot Ion	Ratio	Resp	Lower	Upper
284	100	239239		
142	20.5		35.8	53.8#
249	28.7		25.8	38.6

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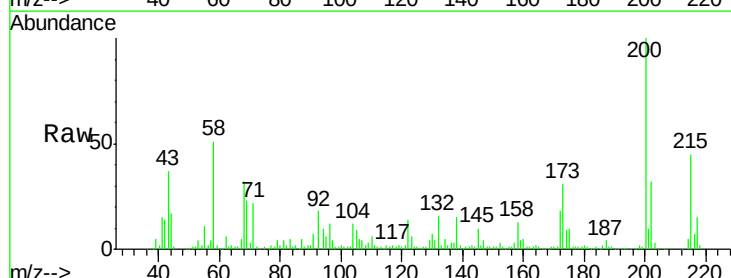


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

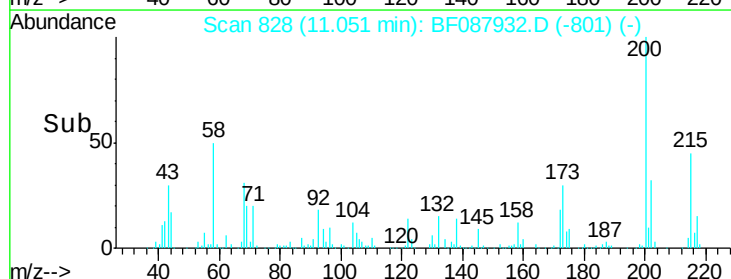
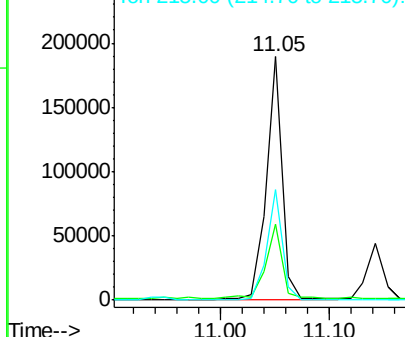


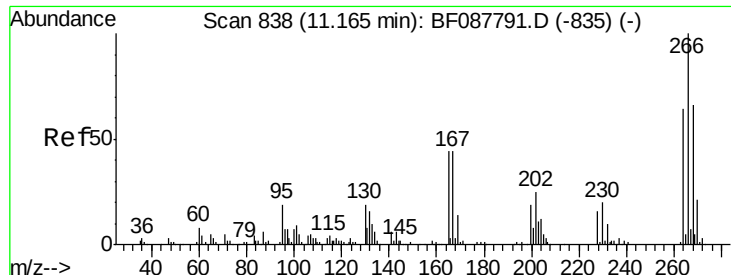
#68
Atrazine
Concen: 46.53 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	192135		
173	31.0		4.0	44.0
215	45.3		29.3	69.3



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





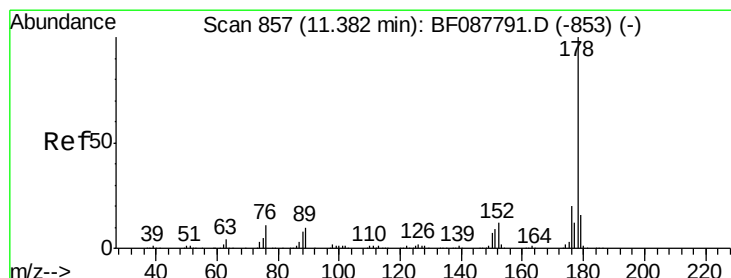
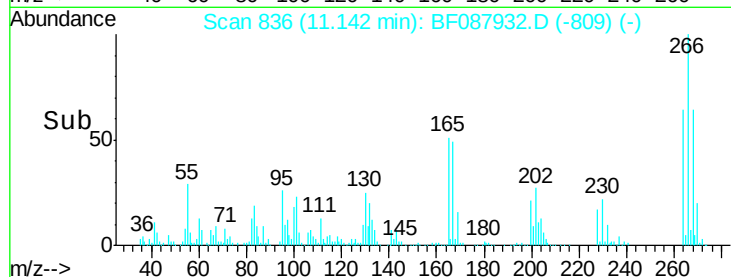
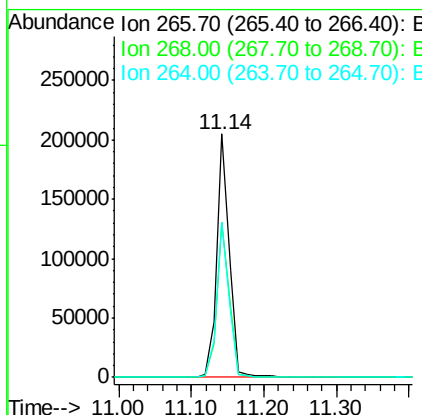
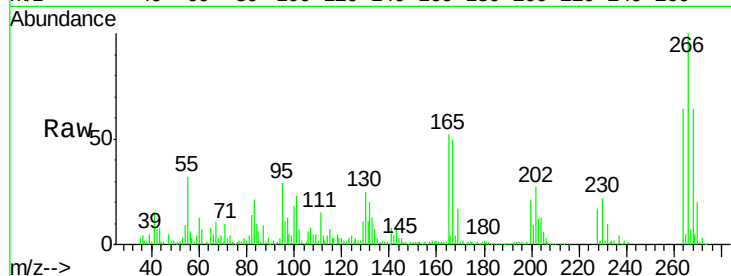
#69
 Pentachlorophenol
 Concen: 101.85 ng
 RT: 11.14 min Scan# 836
 Delta R.T. 0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	245927		
268	63.6	52.8	79.2	
264	63.8	49.6	74.4	

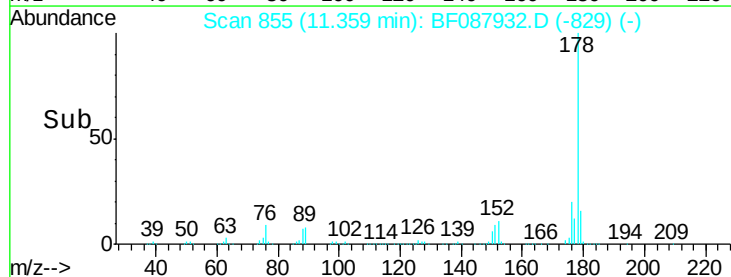
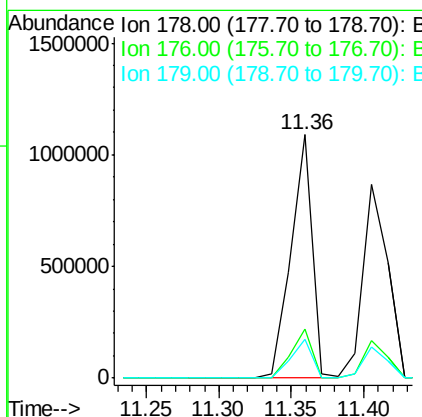
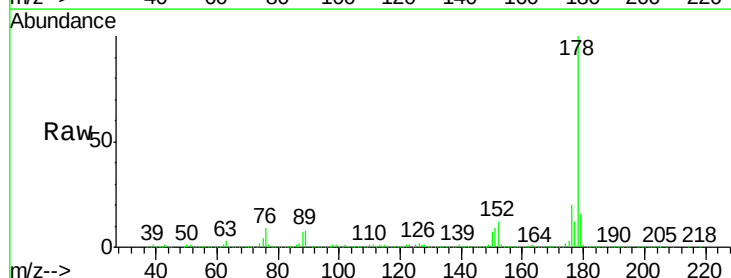
Manual Integrations
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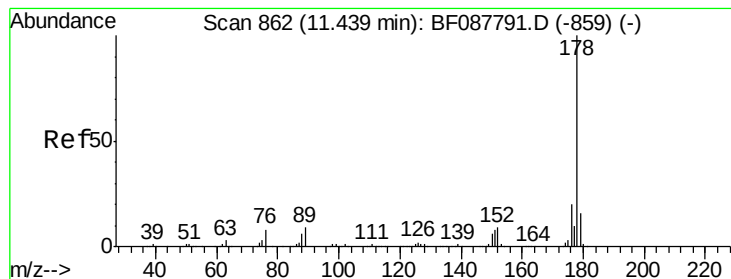
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#70
 Phenanthrene
 Concen: 51.06 ng
 RT: 11.36 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1101091		
176	20.2	15.8	23.6	
179	16.1	13.0	19.4	





#71
 Anthracene
 Concen: 47.22 ng
 RT: 11.40 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

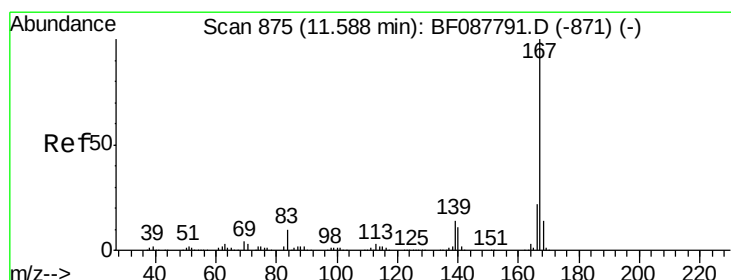
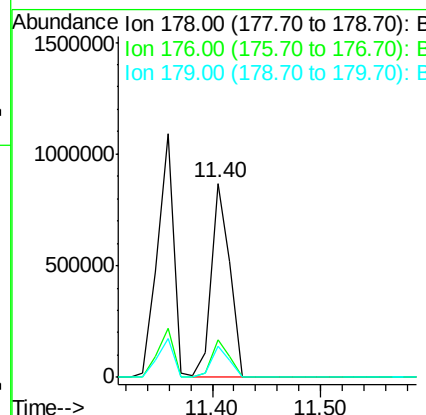
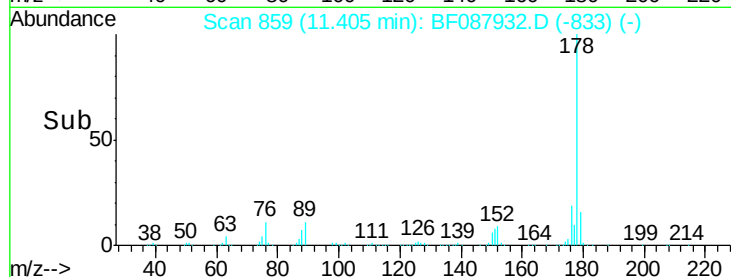
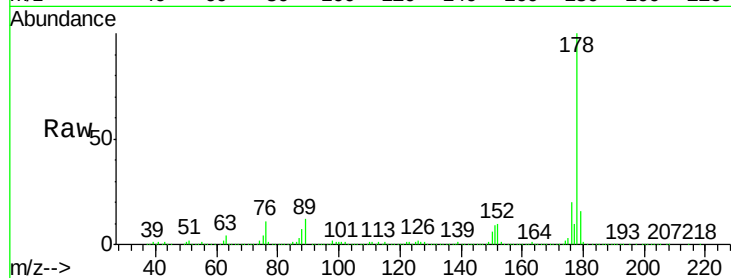
Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion:178 Resp: 1027043

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.3	12.8	19.2

Manual Integrations
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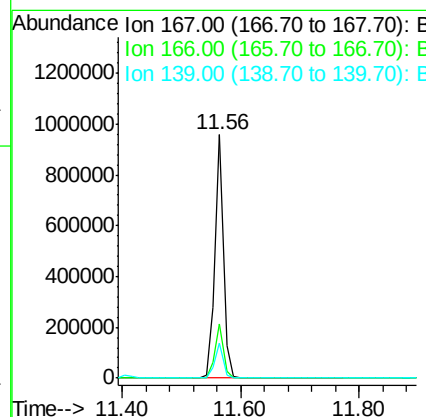
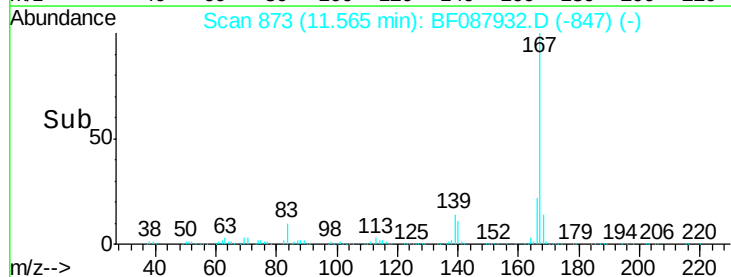
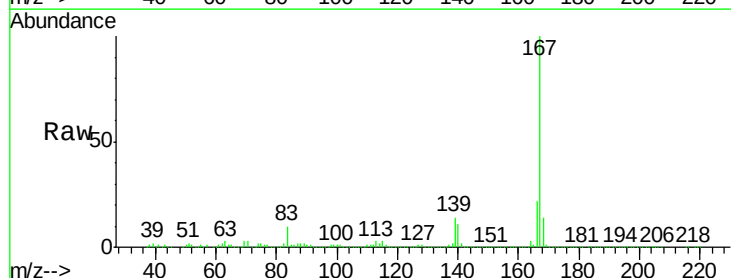
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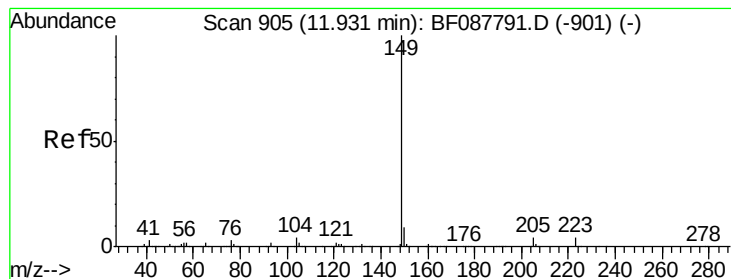


#72
 Carbazole
 Concen: 46.72 ng
 RT: 11.56 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion:167 Resp: 951065

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	14.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: 45.86 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

ClientSampleId :

MW1MSD

Tot Ion:149 Resp: 1181749

Ion Ratio Lower Upper

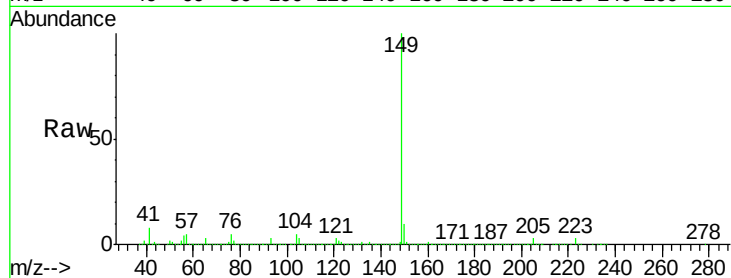
149 100

150 9.9 7.8 11.6

104 5.4 4.0 6.0

Manual Integrations
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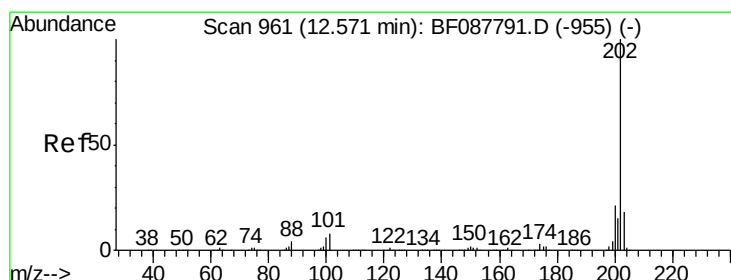
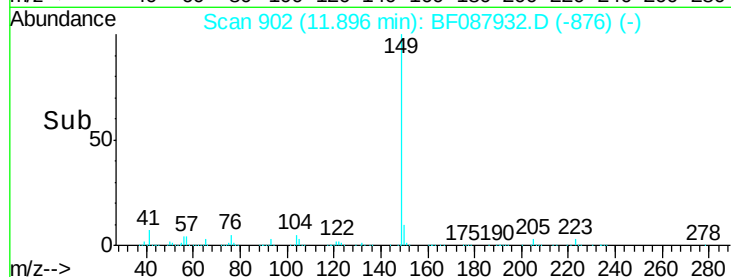
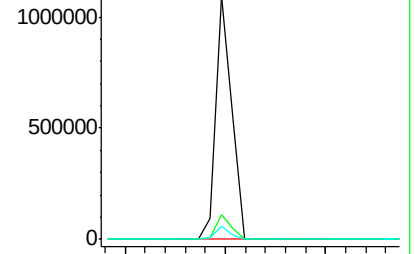
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Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.75 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

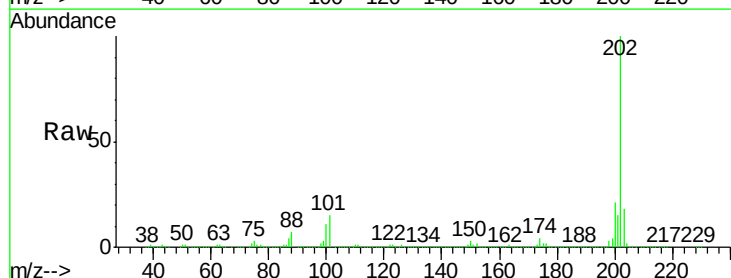
Tgt Ion:202 Resp: 1063754

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.1

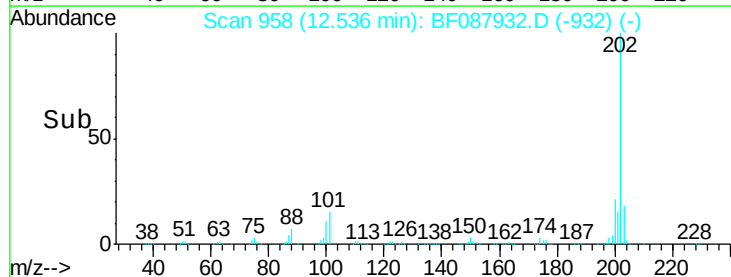
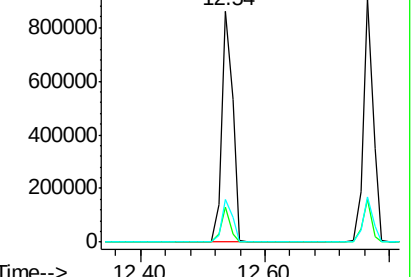
203 18.5 0.0 38.1

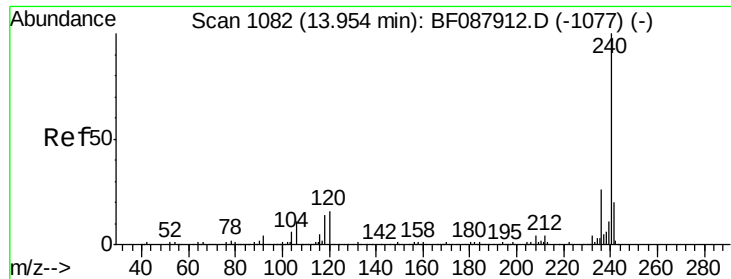


Abundance Ion 202.00 (201.70 to 202.70): E

1200000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

ClientSampleId :

MW1MSD

Tot Ion:240 Resp: 283288

Ion Ratio Lower Upper

240 100

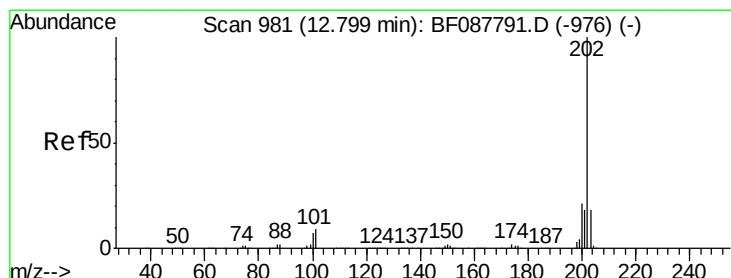
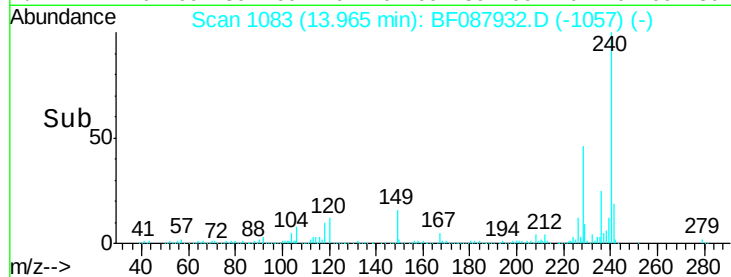
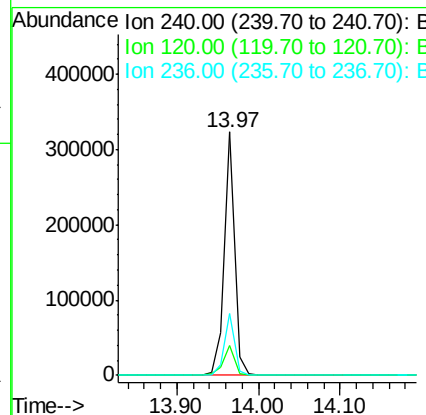
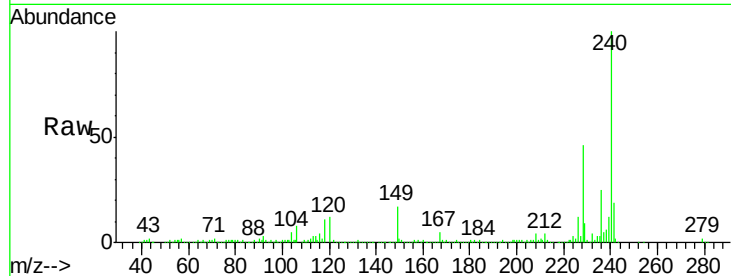
120 12.1 6.8 10.2#

236 25.4 20.2 30.2

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#77

Pyrene

Concen: 47.62 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

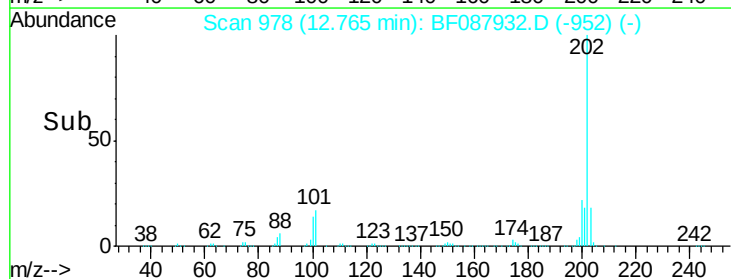
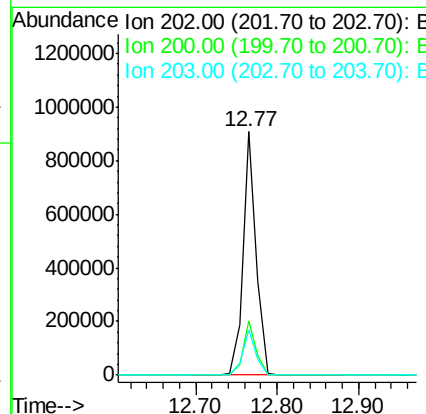
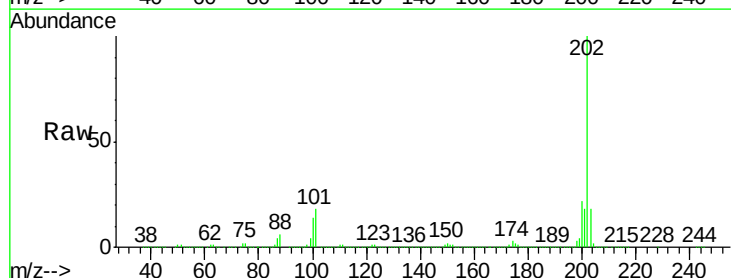
Tgt Ion:202 Resp: 1000995

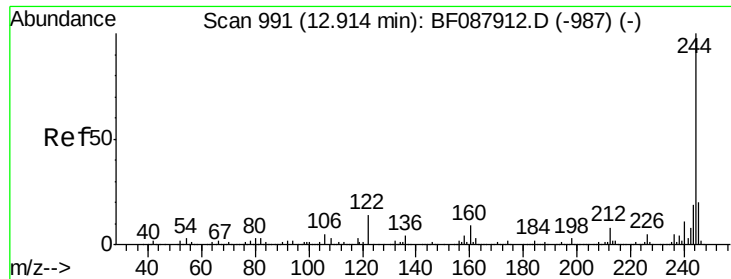
Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

203 18.4 14.5 21.7





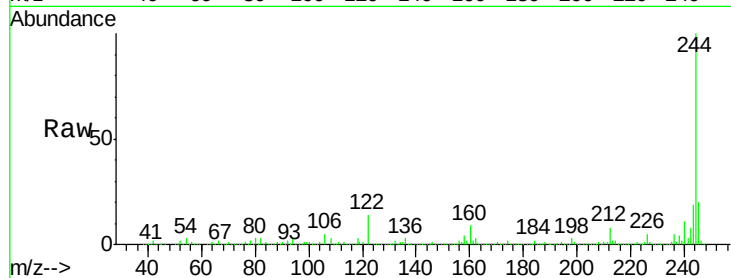
#78
 Terphenyl-d14
 Concen: 85.49 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampled :
 MW1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.1	11.2	16.8

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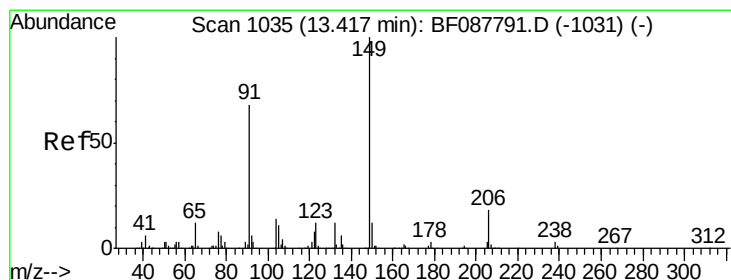
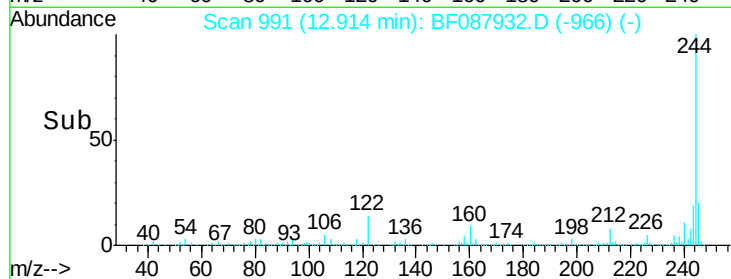
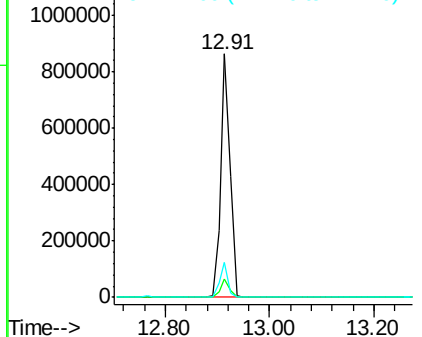


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79
 Butylbenzylphthalate
 Concen: 55.88 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

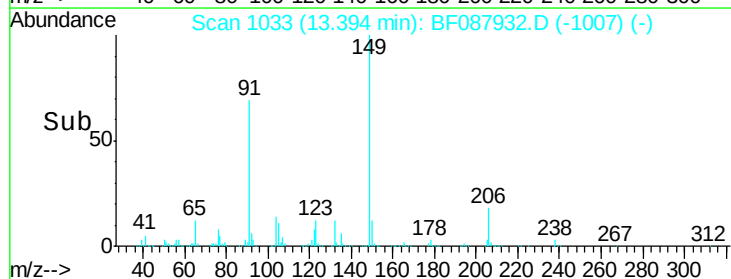
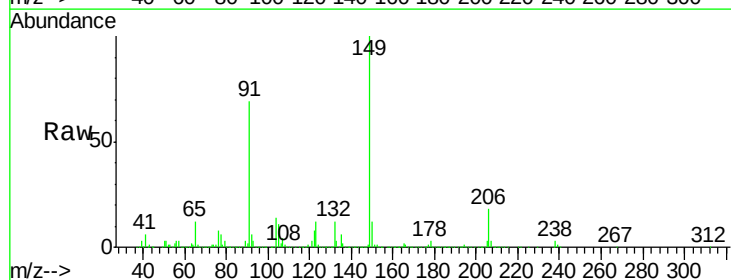
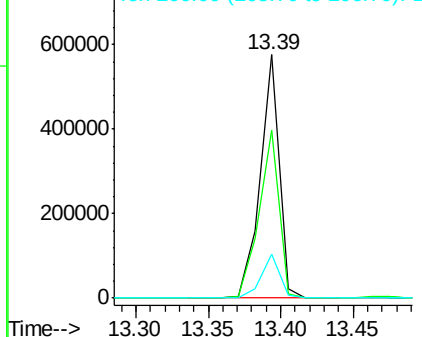
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	48.0	72.0
206	18.2	16.0	24.0

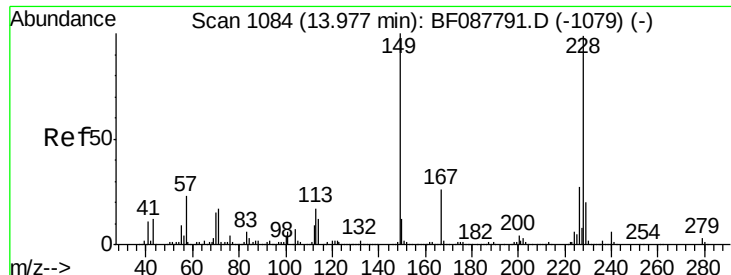
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





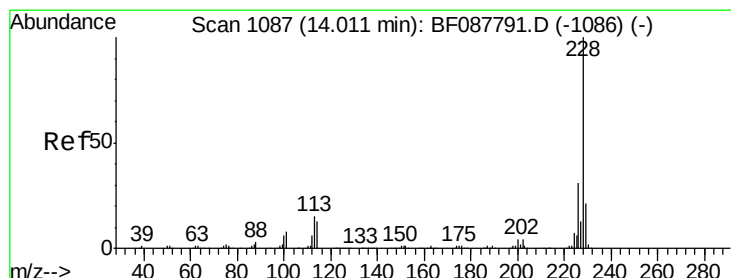
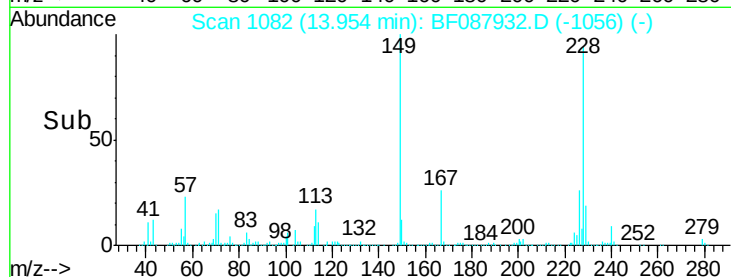
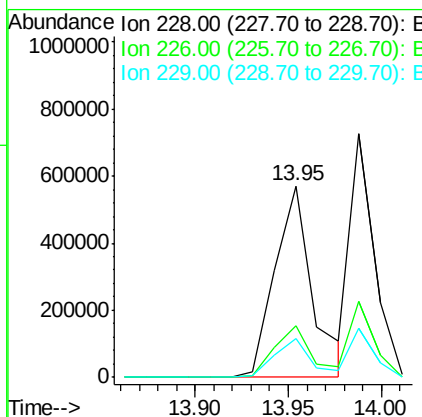
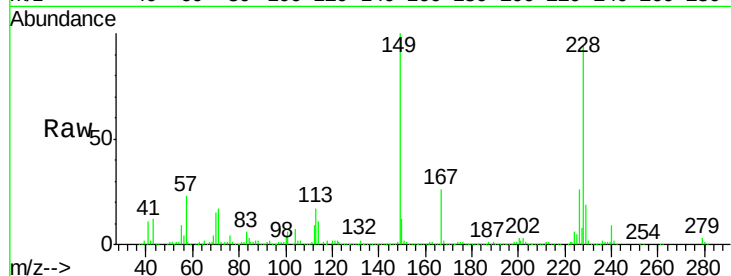
#80
Benzo(a)anthracene
Concen: 49.31 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	20.1	16.0	24.0

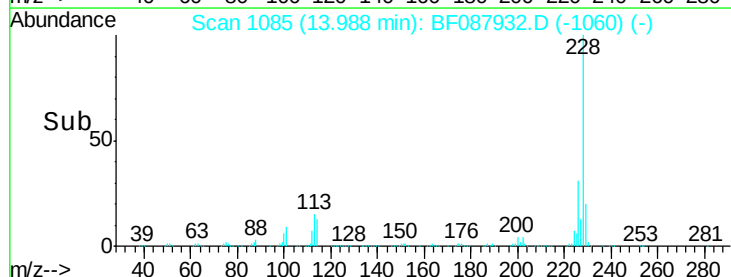
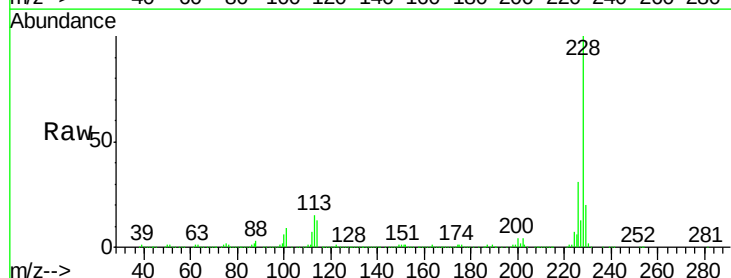
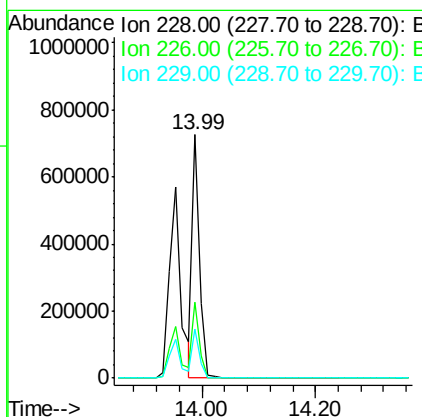
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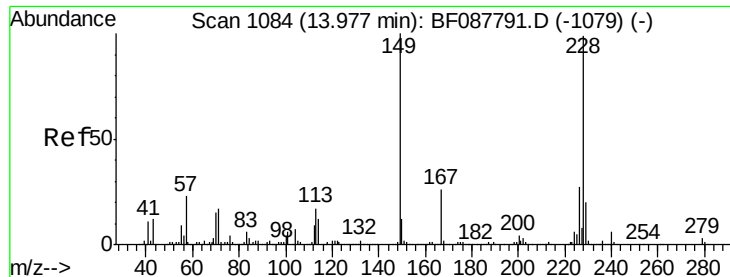
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#82
Chrysene
Concen: 44.02 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.2
229	20.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.82 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

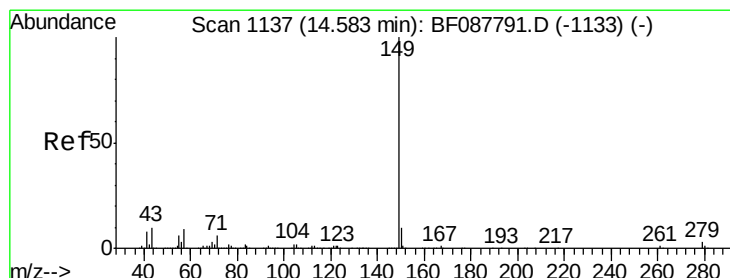
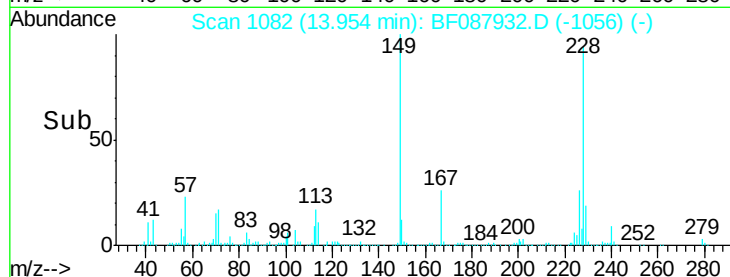
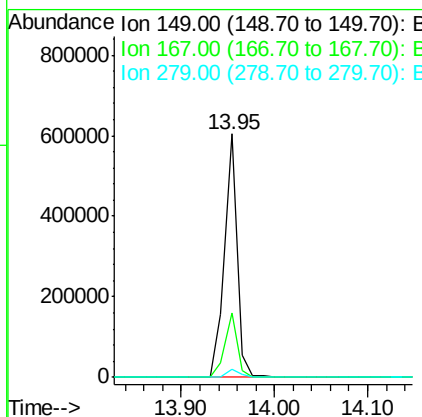
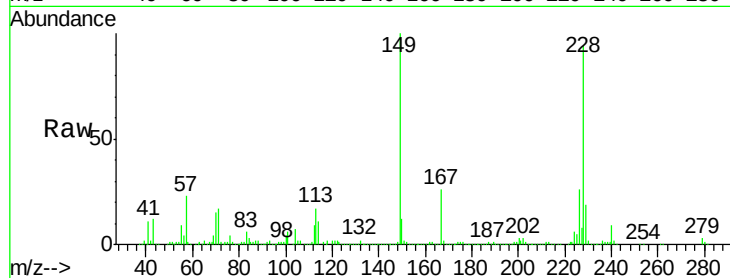
ClientSampleId :

MW1MSD

Tot Ion:	149	Resp:	563673
Ion Ratio		Lower	Upper
149	100		
167	26.2	20.5	30.7
279	3.1	2.0	3.0#

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#84

Di-n-octyl phthalate

Concen: 58.15 ng

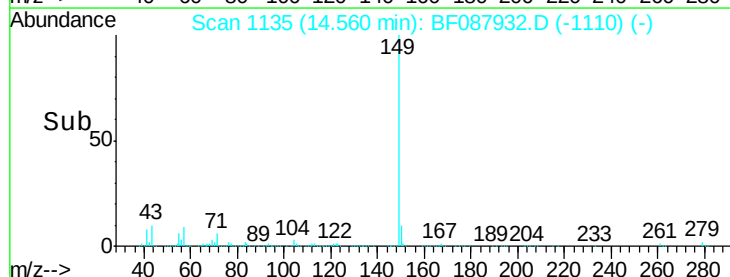
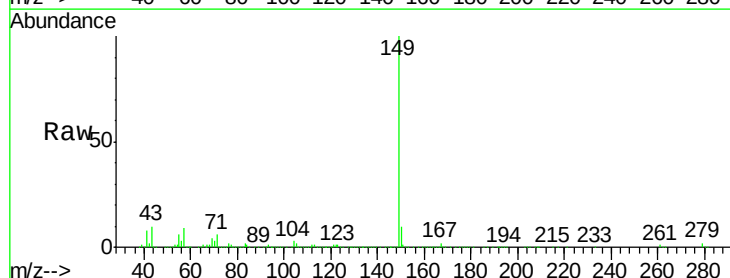
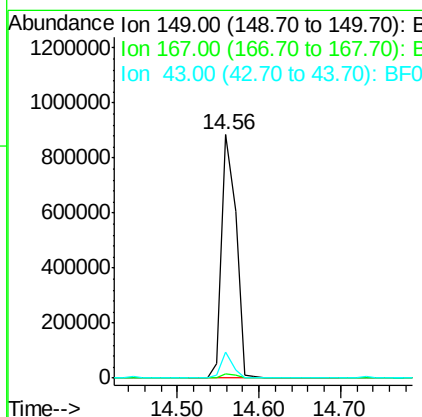
RT: 14.56 min Scan# 1135

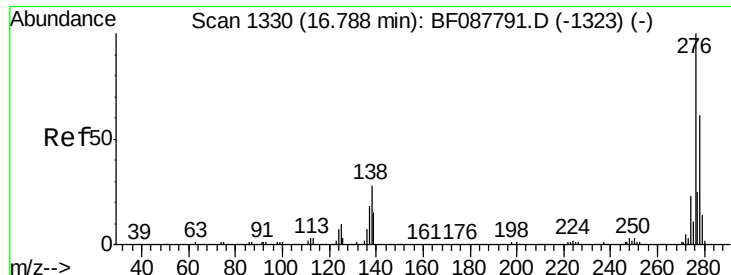
Delta R.T. -0.01 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	149	Resp:	1069042
Ion Ratio		Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.2	0.0	0.0#





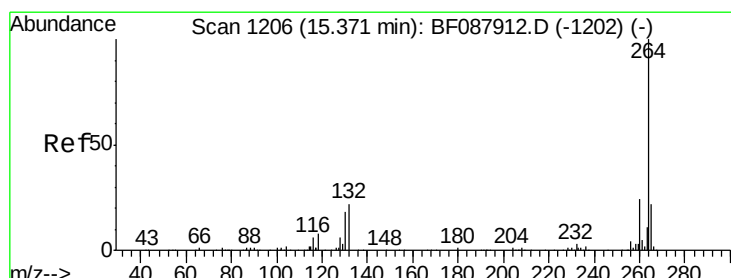
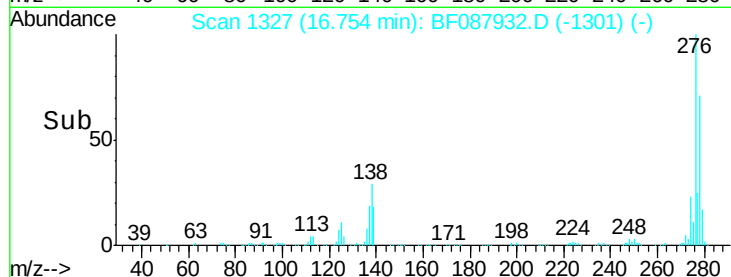
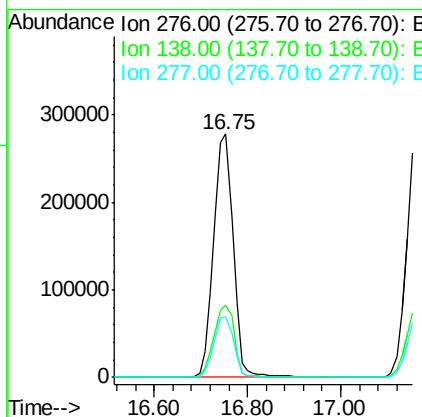
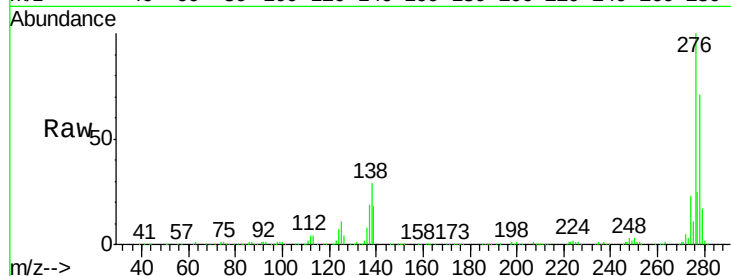
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.67 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	813740		
138	31.0	0.0	0.0	0.0
277	25.3	0.0	0.0	0.0

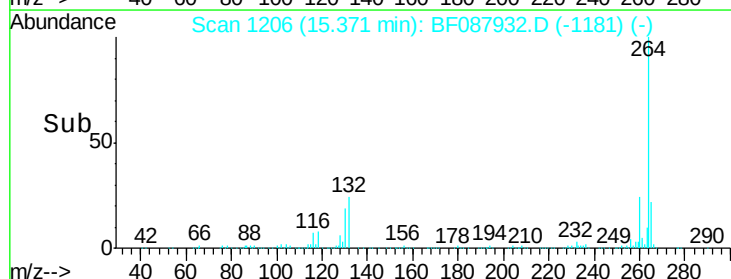
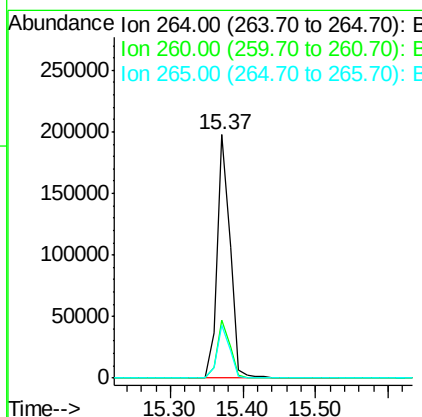
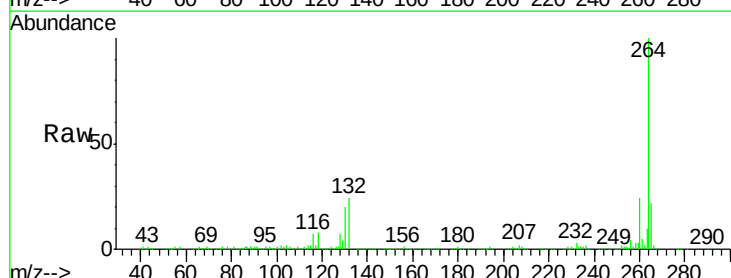
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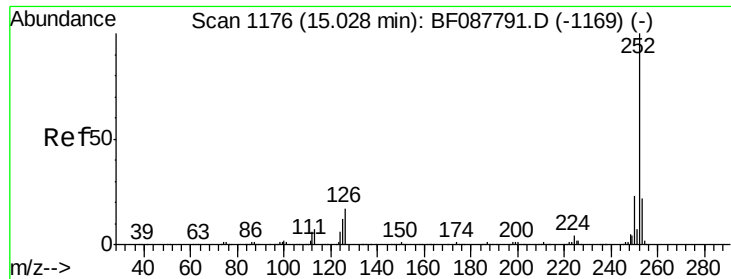
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	243403		
260	23.8	19.2	28.8	
265	21.7	16.9	25.3	





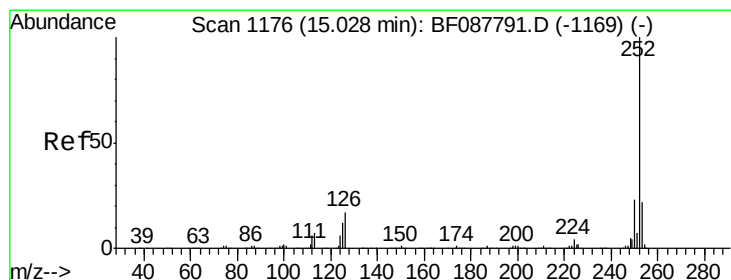
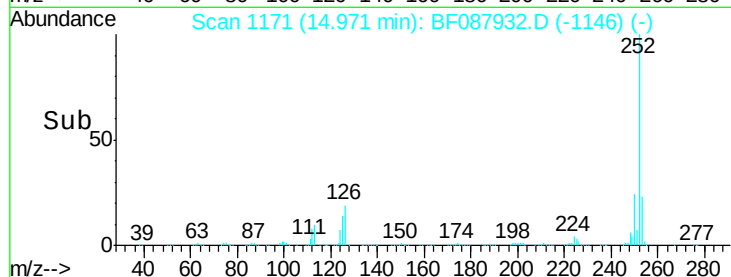
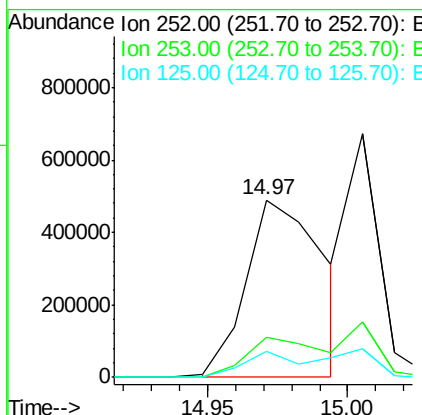
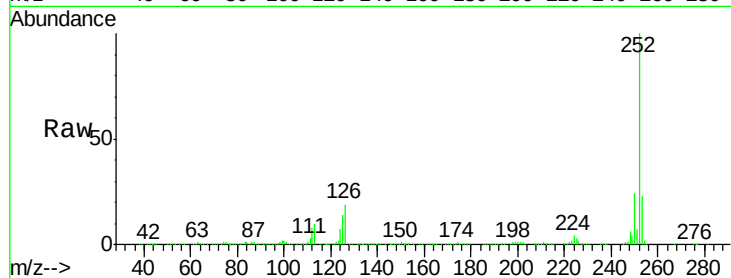
#87
Benzo(b)fluoranthene
Concen: 55.33 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Instrument :
BNA_F
ClientSampleId :
MW1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	14.4	7.1	10.7

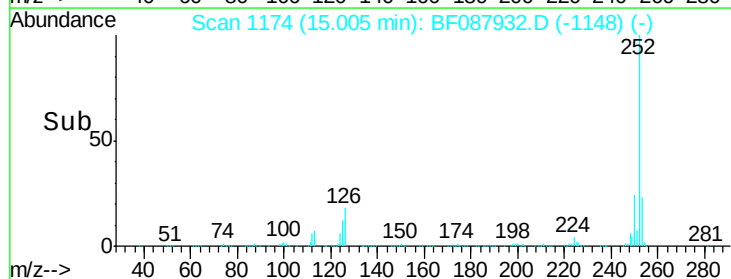
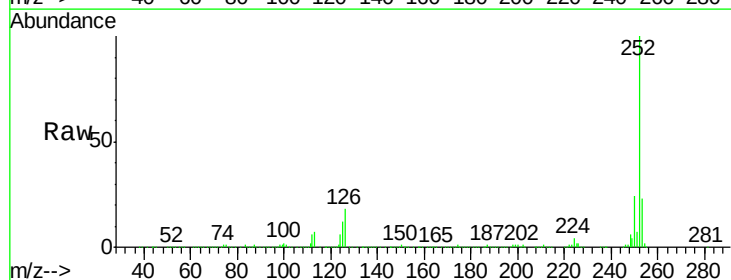
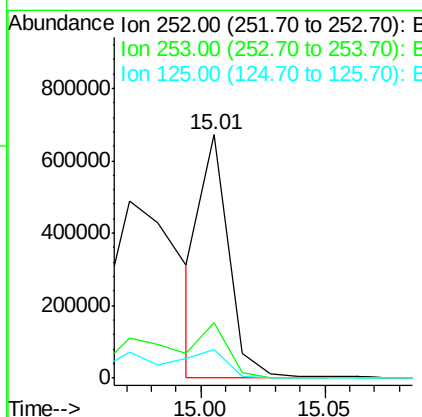
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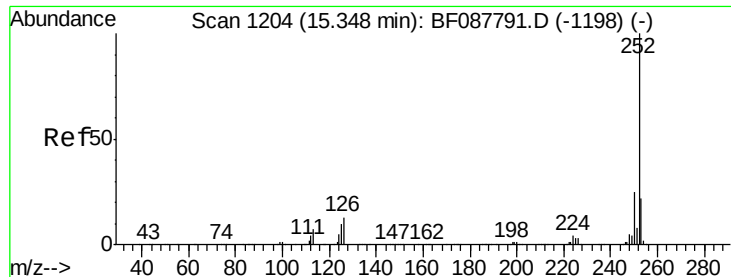
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#88
Benzo(k)fluoranthene
Concen: 40.87 ng m
RT: 15.01 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF087932.D
Acq: 12 Jun 2016 6:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.0	11.2	16.8





#89

Benzo(a)pyrene

Concen: 52.67 ng

RT: 15.33 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Instrument :

BNA_F

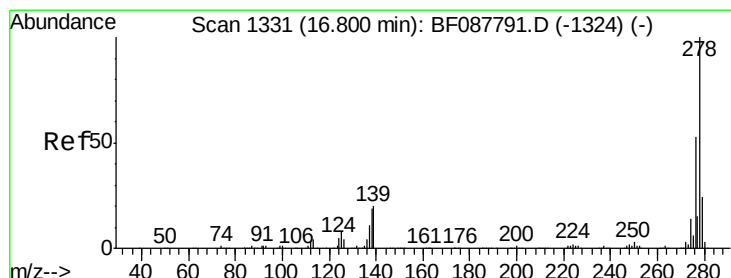
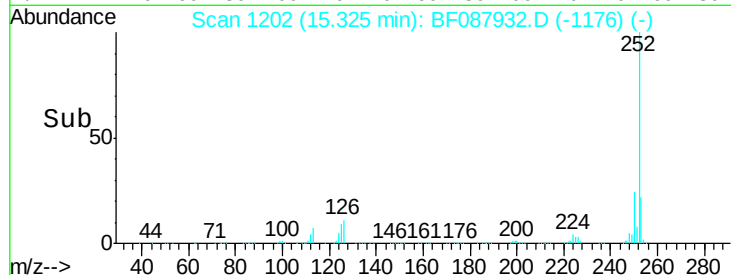
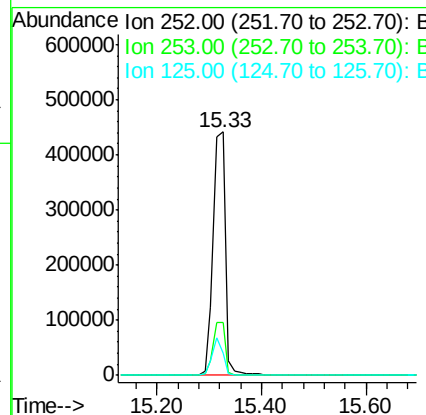
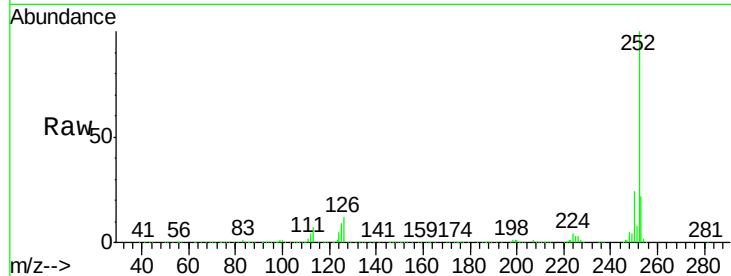
ClientSampleId :

MW1MSD

Tot Ion:	252	Resp:	722900
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	9.2	12.5	18.7#

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#90

Dibenzo(a,h)anthracene

Concen: 52.10 ng

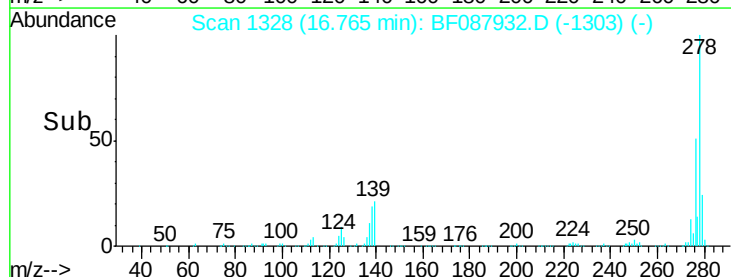
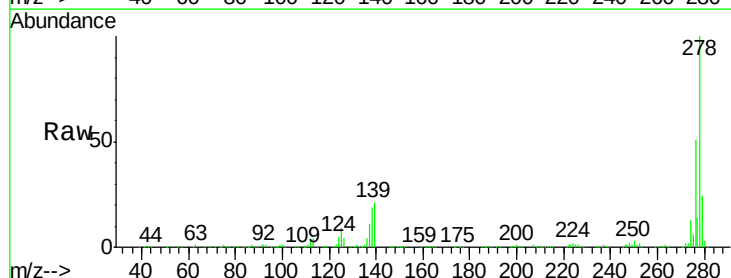
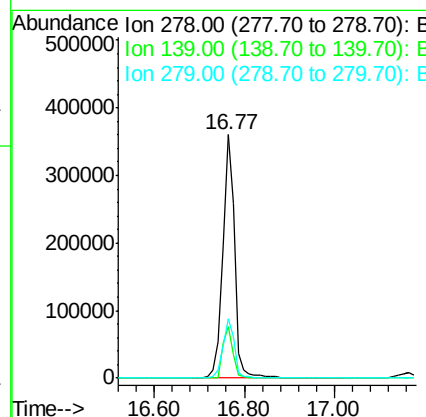
RT: 16.77 min Scan# 1328

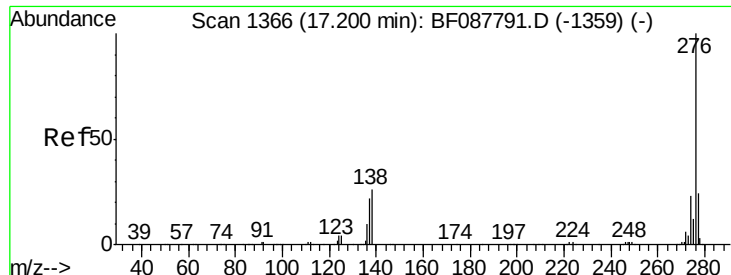
Delta R.T. -0.01 min

Lab File: BF087932.D

Acq: 12 Jun 2016 6:49

Tgt Ion:	278	Resp:	664120
Ion Ratio	Lower	Upper	
278	100		
139	21.2	15.7	23.5
279	24.2	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 52.93 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF087932.D
 Acq: 12 Jun 2016 6:49

Instrument :
 BNA_F
 ClientSampleId :
 MW1MSD

Tot Ion:	276	Resp:	694049
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.9	28.3
138	25.7	21.4	32.2

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