

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087391.D
 Acq On : 26 May 2016 2:29
 Operator : UM/SJ
 Sample : H3212-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Manual Integrations
 APPROVED

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 5/26/2016 6:37:02 PM

Quant Time: May 26 15:00:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109776	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	412778	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	189058	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	267791	20.00	ng	0.02
75) Chrysene-d12	18.50	240	228365	20.00	ng	0.02
86) Perylene-d12	20.16	264	158378	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	506211	81.03	ng	0.03
7) Phenol-d6	7.10	99	417762	49.49	ng	0.02
23) Nitrobenzene-d5	8.44	82	842502	102.87	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	234031	128.82	ng	0.03
44) 2-Fluorobiphenyl	11.35	172	1281229	95.54	ng	0.01
78) Terphenyl-d14	17.15	244	698616	65.04	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.86	88	53064	16.10	ng	# 60
3) Pyridine	2.52	79	77850	10.80	ng	# 62
4) n-Nitrosodimethylamine	2.42	42	112910	20.33	ng	# 47
6) Aniline	7.16	93	429550m	39.33	ng	
8) 2-Chlorophenol	7.22	128	328451	42.16	ng	94
9) Benzaldehyde	6.83	77	89145	19.13	ng	97
10) Phenol	7.12	94	176532	19.15	ng	# 60
11) bis(2-Chloroethyl)ether	7.16	93	377048	50.54	ng	85
12) 1,3-Dichlorobenzene	7.42	146	366236m	43.10	ng	
13) 1,4-Dichlorobenzene	7.55	146	381484	43.73	ng	96
14) 1,2-Dichlorobenzene	7.78	146	372499	46.16	ng	96
15) Benzyl Alcohol	7.83	79	215798	35.06	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.02	45	753283	44.87	ng	85
17) 2-Methylphenol	8.07	107	231219	37.03	ng	# 91
18) Hexachloroethane	8.30	117	116244	35.72	ng	98
19) n-Nitroso-di-n-propylamine	8.26	70	326016	51.79	ng	# 76
20) 3+4-Methylphenols	8.32	107	270520	35.84	ng	# 60
22) Acetophenone	8.22	105	566952	57.49	ng	# 94
24) Nitrobenzene	8.48	77	445240	51.50	ng	94
25) Isophorone	8.88	82	747990	50.92	ng	# 98
26) 2-Nitrophenol	8.98	139	185551	52.50	ng	# 85
27) 2,4-Dimethylphenol	9.13	122	296749	48.37	ng	# 86
28) bis(2-Chloroethoxy)methane	9.26	93	455782	55.09	ng	95
29) 2,4-Dichlorophenol	9.40	162	283821	51.33	ng	97
30) 1,2,4-Trichlorobenzene	9.48	180	314887	49.75	ng	98
31) Naphthalene	9.59	128	1045202	50.53	ng	98
32) Benzoic acid	9.38	122	13220	9.50	ng	# 33
33) 4-Chloroaniline	9.77	127	31741	4.17	ng	# 85
34) Hexachlorobutadiene	9.80	225	181173	47.09	ng	98
36) 4-Chloro-3-methylphenol	10.62	107	293911	47.02	ng	87
37) 2-Methylnaphthalene	10.72	142	662725	51.29	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	274961	45.43	ng	99
40) Hexachlorocyclopentadiene	10.96	237	13731	14.32	ng	93
42) 2,4,6-Trichlorophenol	11.23	196	176894	50.64	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.32	196	163422	45.94	nq	# 82
45) 1,1'-Biphenyl	11.50	154	777841	48.87	nq	98
46) 2-Chloronaphthalene	11.51	162	569083	46.73	nq	96
47) 2-Nitroaniline	11.74	65	270690	61.69	nq	# 72
48) Acenaphthylene	12.16	152	826010	42.84	nq	98
49) Dimethylphthalate	12.06	163	665540	43.95	nq	98
50) 2,6-Dinitrotoluene	12.15	165	139117	45.59	nq	# 79
51) Acenaphthene	12.44	154	529857	44.71	nq	98
52) 3-Nitroaniline	12.36	138	8680	2.77	nq	# 35
53) 2,4-Dinitrophenol	12.63	184	29660	23.98	nq	# 58
54) Dibenzofuran	12.74	168	781529	48.71	nq	98
55) 4-Nitrophenol	12.74	139	339493	227.24	nq	# 25
56) 2,4-Dinitrotoluene	12.81	165	153016	37.52	nq	94
57) Fluorene	13.29	166	639405	45.96	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.01	232	135116m	49.38	nq	
59) Diethylphthalate	13.21	149	678002	46.05	nq	97
60) 4-Chlorophenyl-phenylether	13.33	204	285888	42.14	nq	87
61) 4-Nitroaniline	13.44	138	53726	18.38	nq	# 49
62) Azobenzene	13.58	77	779967	51.06	nq	89
64) 4,6-Dinitro-2-methylphenol	13.49	198	20314	11.93	nq	# 1
65) n-Nitrosodiphenylamine	13.54	169	505273	58.34	nq	99
66) 4-Bromophenyl-phenylether	14.10	248	153066	52.25	nq	91
67) Hexachlorobenzene	14.17	284	156611	51.11	nq	# 61
69) Pentachlorophenol	14.56	266	169824	170.74	nq	97
70) Phenanthrene	14.85	178	823373	55.51	nq	100
71) Anthracene	14.93	178	740026	49.39	nq	99
72) Carbazole	15.25	167	665432	52.07	nq	# 96
73) Di-n-butylphthalate	15.81	149	830174	50.23	nq	# 96
74) Fluoranthene	16.61	202	734912	49.41	nq	97
77) Pyrene	16.91	202	780870	47.50	nq	98
79) Butylbenzylphthalate	17.83	149	360071	49.39	nq	# 67
80) Benzo(a)anthracene	18.49	228	696820	53.64	nq	99
82) Chrysene	18.54	228	653652	50.70	nq	99
83) Bis(2-ethylhexyl)phthalate	18.56	149	502513	47.24	nq	# 98
84) Di-n-octyl phthalate	19.33	149	855815	52.76	nq	# 86
85) Indeno(1,2,3-cd)pyrene	21.39	276	459474	44.46	nq	# 93
87) Benzo(b)fluoranthene	19.76	252	593251m	58.80	nq	
88) Benzo(k)fluoranthene	19.78	252	484502m	55.80	nq	
89) Benzo(a)pyrene	20.10	252	466225	53.43	nq	98
90) Dibenzo(a,h)anthracene	21.39	278	391608	52.62	nq	96
91) Benzo(g,h,i)perylene	21.74	276	375588	51.15	nq	94

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

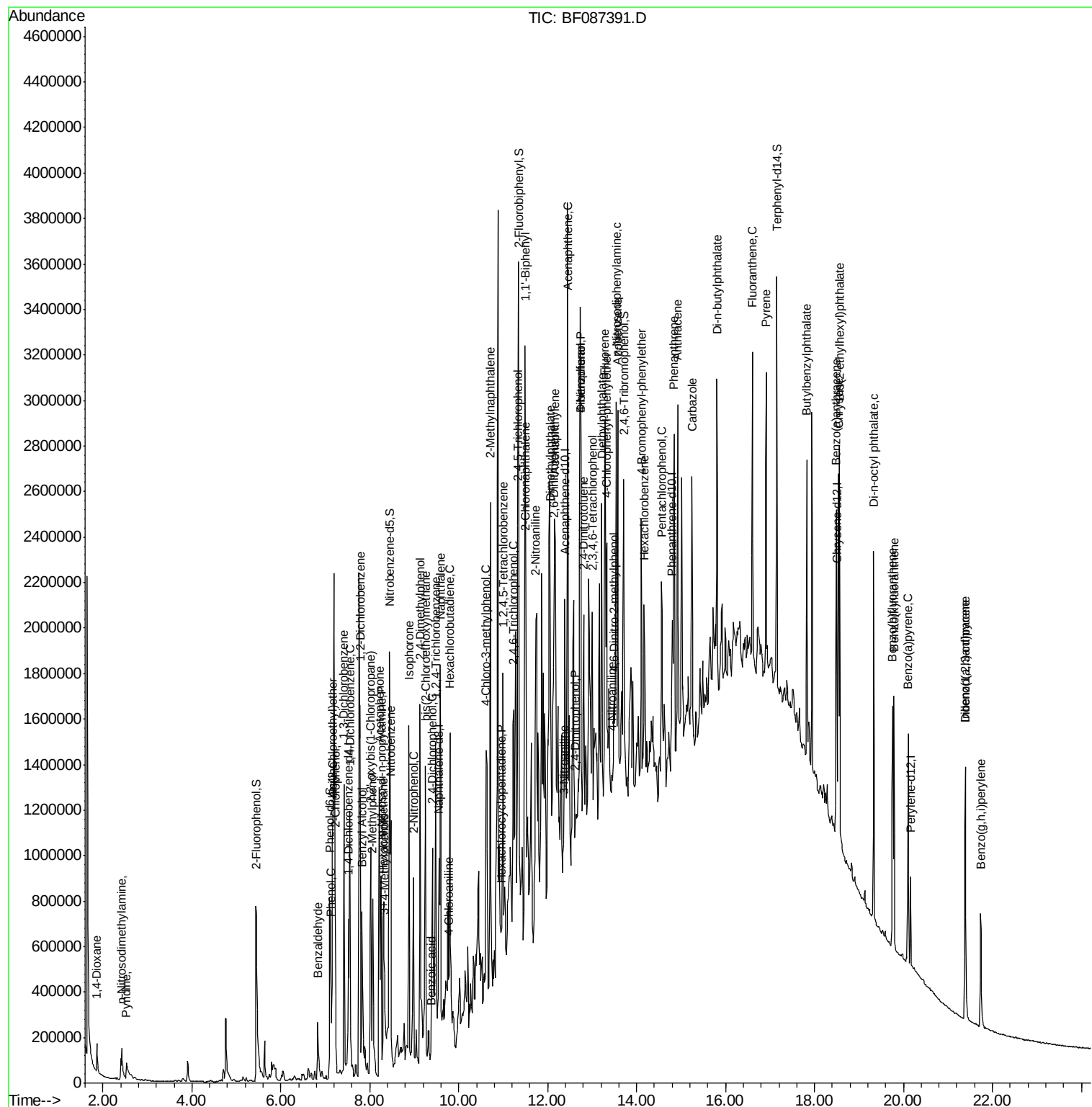
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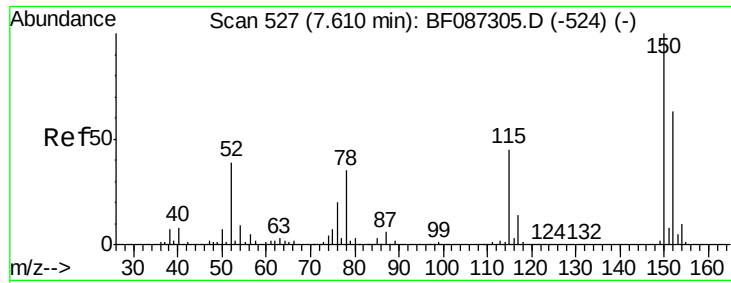
Instrument :
BNA_F
ClientSampled :
DAY-1MSD

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#1

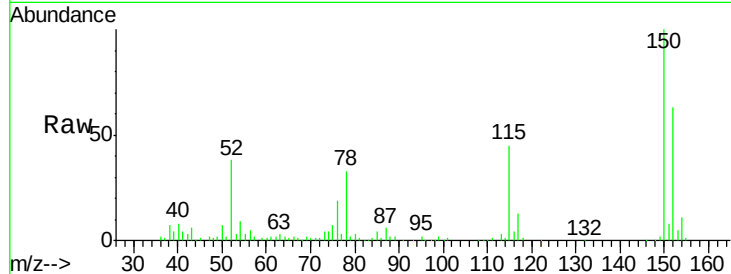
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	125.8	188.6
115	71.4	51.5	77.3

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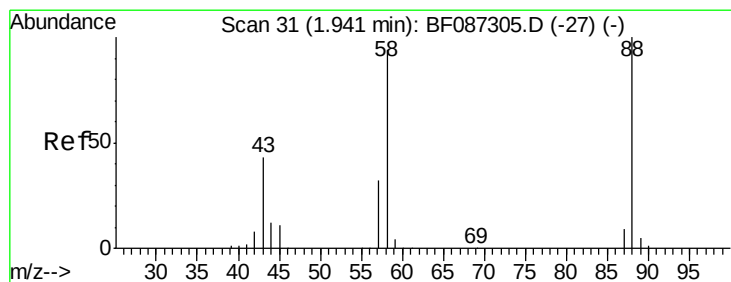
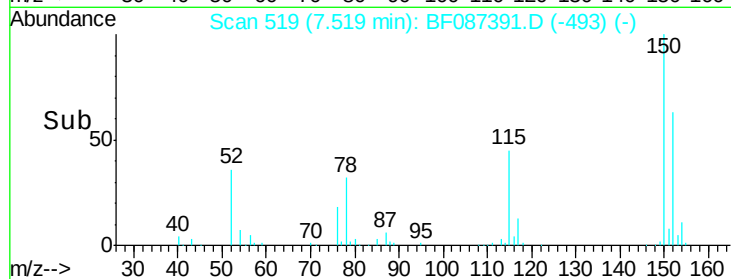
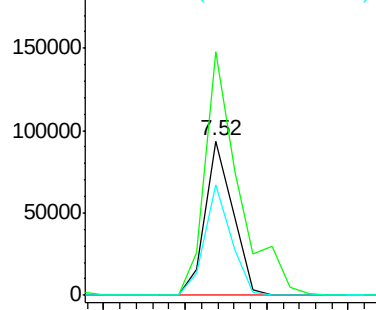


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

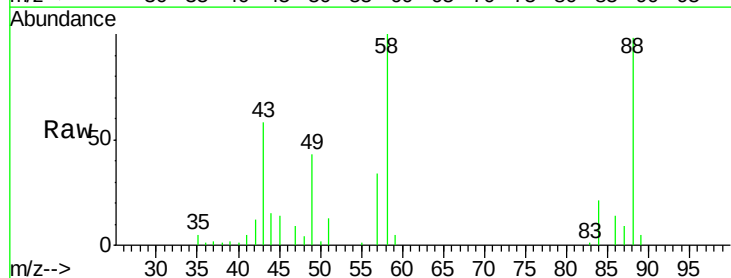
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 16.10 ng
RT: 1.86 min Scan# 24
Delta R.T. 0.05 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.9	59.6	89.4#
43	65.6	21.8	32.6#

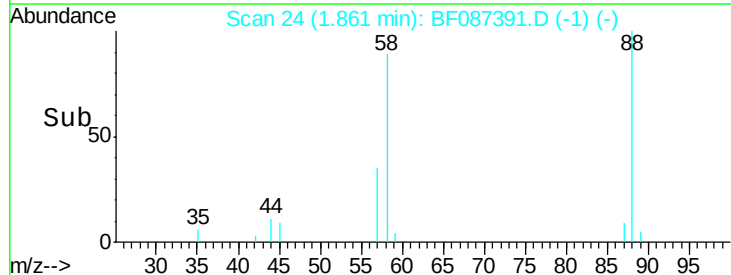
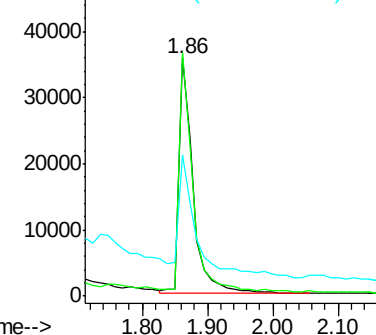


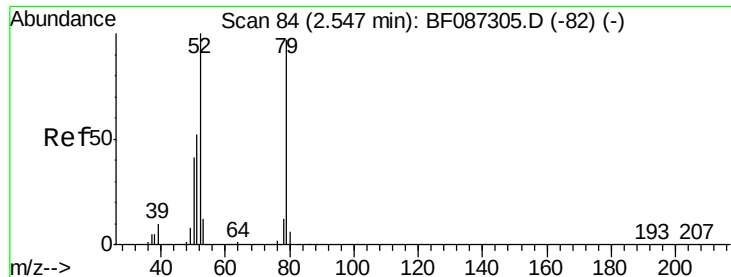
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 10.80 ng

RT: 2.52 min Scan# 82

Delta R.T. 0.11 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

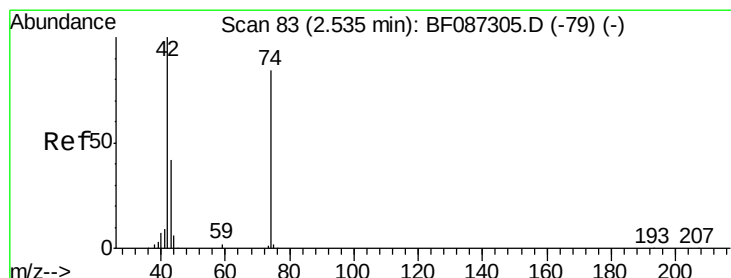
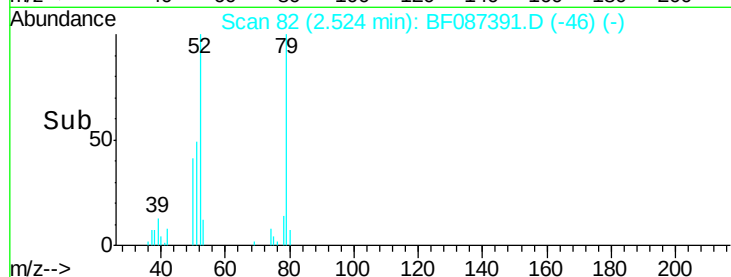
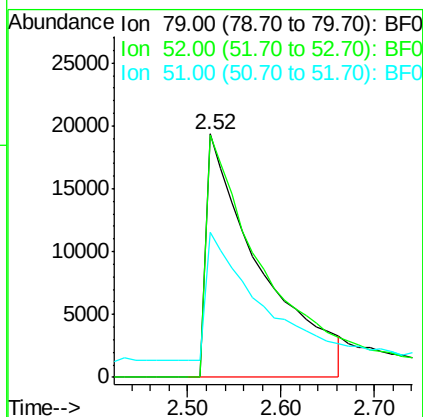
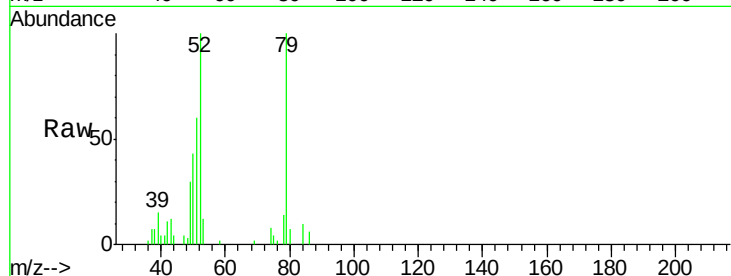
ClientSampleId :

DAY-1MSD

Tot Ion:	79	Resp:	77850
Ion Ratio	Lower	Upper	
79	100		
52	99.8	55.9	83.9#
51	59.8	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 20.33 ng

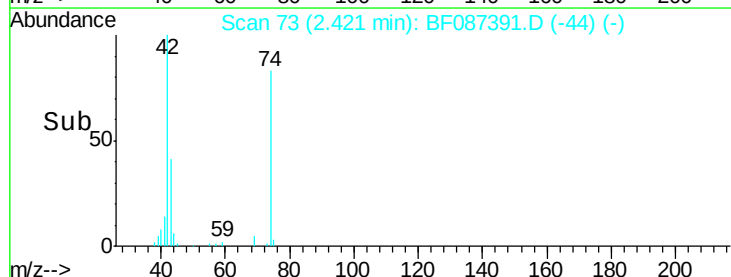
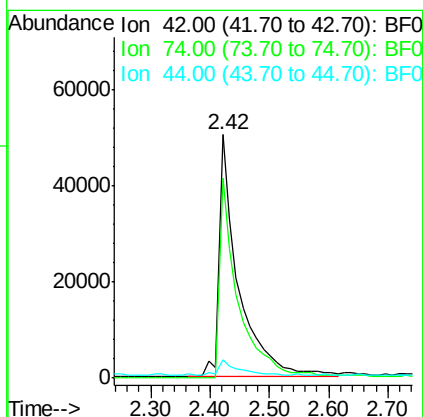
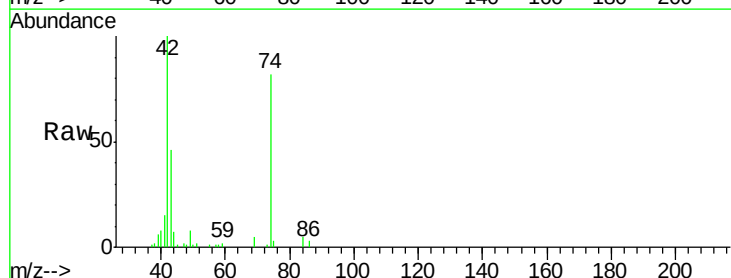
RT: 2.42 min Scan# 73

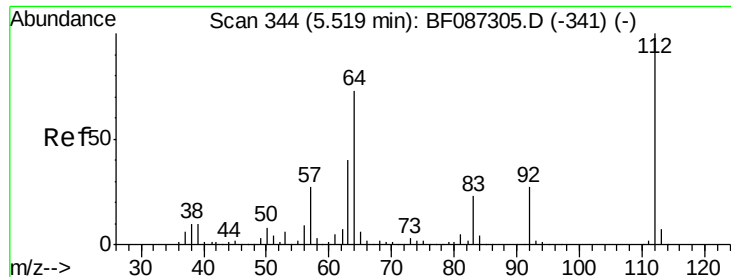
Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:	42	Resp:	112910
Ion Ratio	Lower	Upper	
42	100		
74	82.2	123.4	185.0#
44	7.3	5.8	8.6





#5

2-Fluorophenol

Concen: 81.03 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

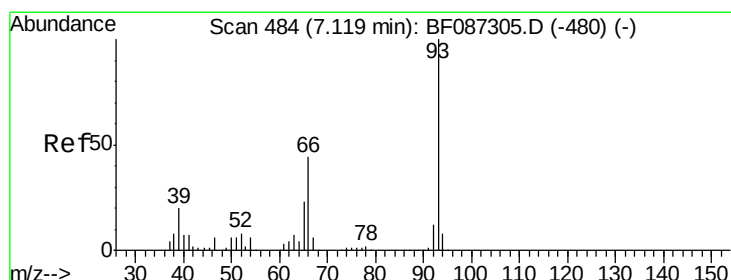
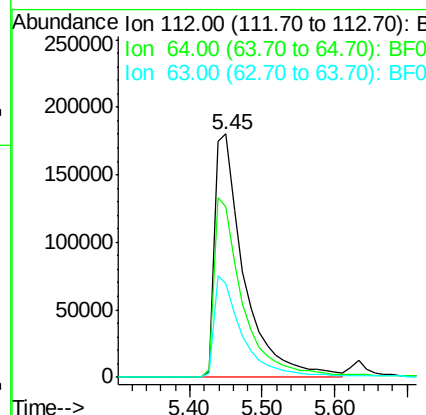
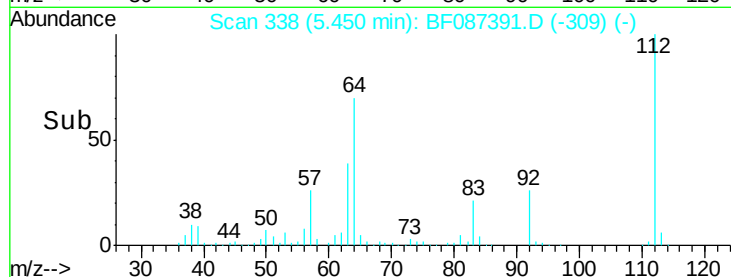
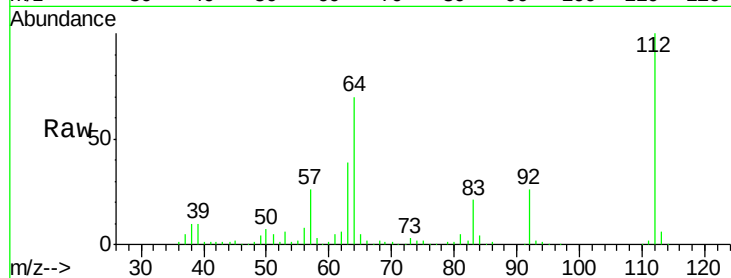
ClientSampleId :

DAY-1MSD

Tot Ion:	112	Resp:	506211
Ion Ratio	Lower	Upper	
112	100		
64	69.9	52.1	78.1
63	38.5	25.7	38.5#

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#6

Aniline

Concen: 39.33 ng m

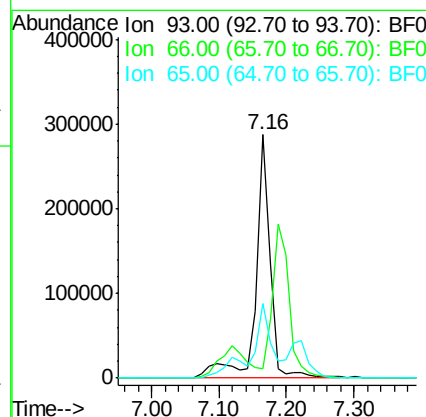
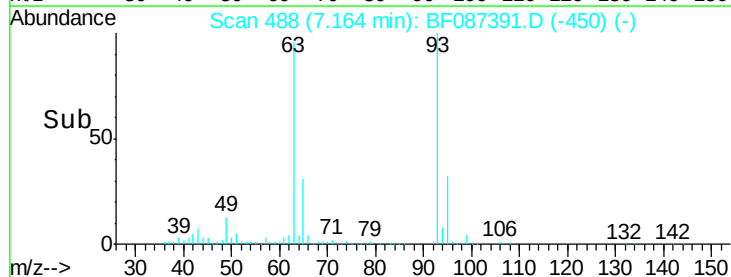
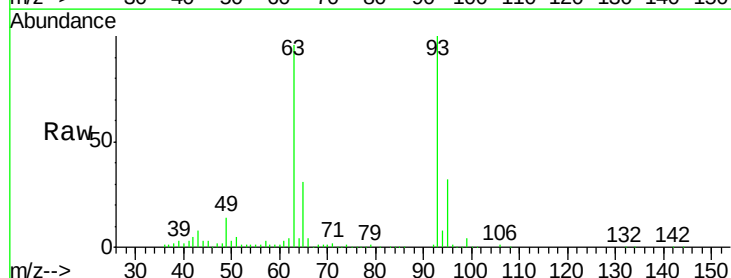
RT: 7.16 min Scan# 488

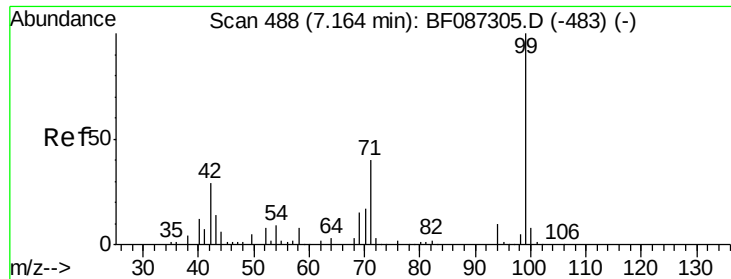
Delta R.T. 0.14 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:	93	Resp:	429550
Ion Ratio	Lower	Upper	
93	100		
66	3.7	39.0	58.6#
65	30.8	20.6	31.0





#7

Phenol-d6

Concen: 49.49 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

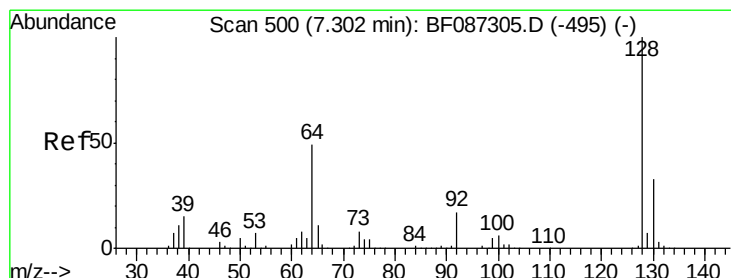
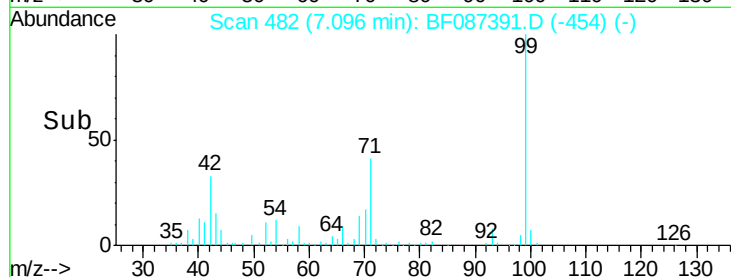
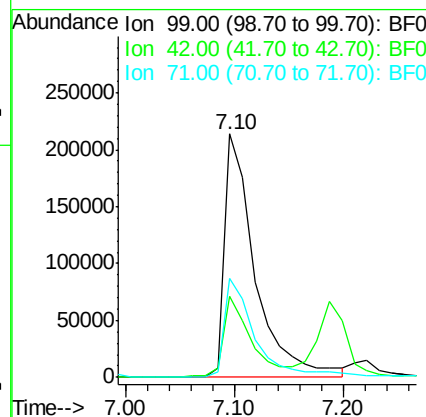
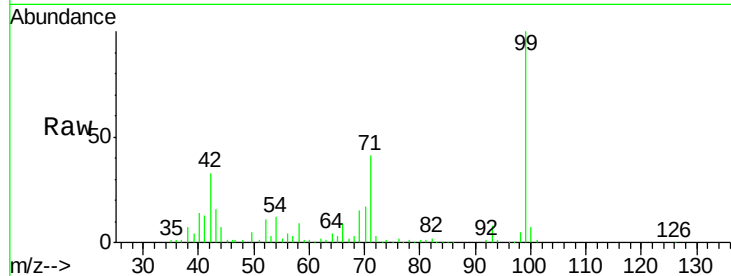
ClientSampled :

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Tot Ion:	99	Resp:	417762
Ion Ratio	Lower	Upper	
99	100		
42	33.3	13.6	20.4#
71	40.7	24.6	36.8#

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#8

2-Chlorophenol

Concen: 42.16 ng

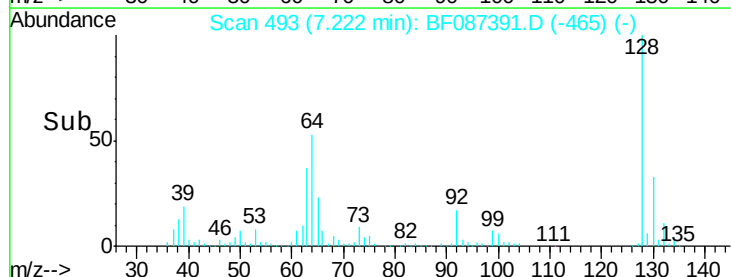
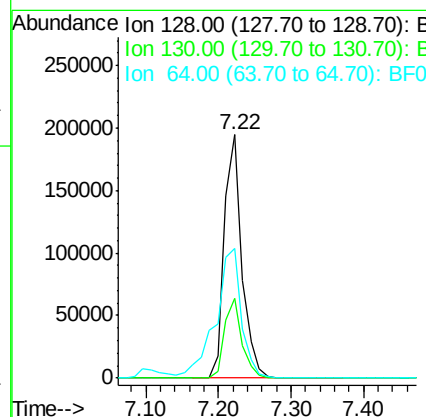
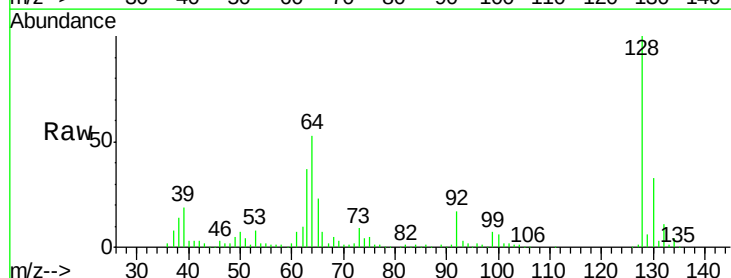
RT: 7.22 min Scan# 493

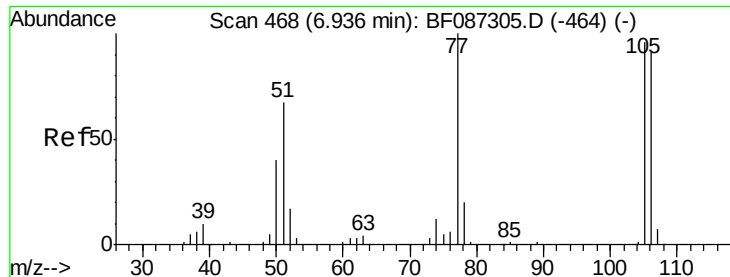
Delta R.T. 0.02 min

Lab File: BF087391.D

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Tgt Ion:	128	Resp:	328451
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.5	52.5
64	53.5	27.3	67.3





#9

Benzaldehyde

Concen: 19.13 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

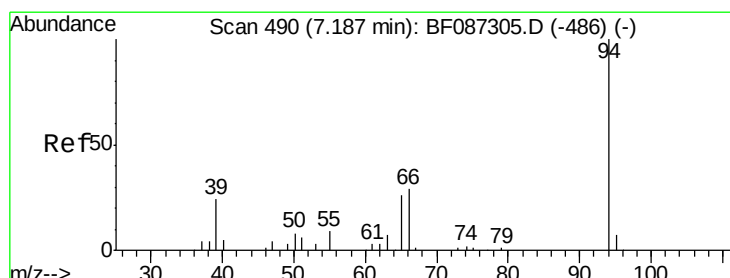
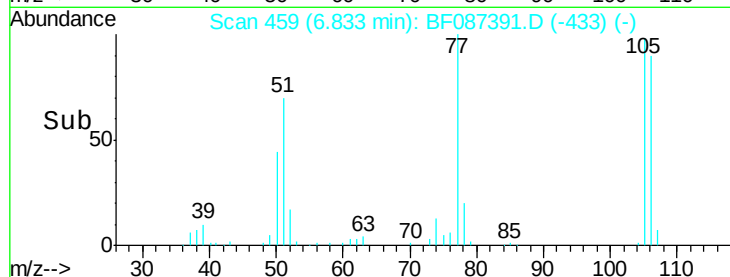
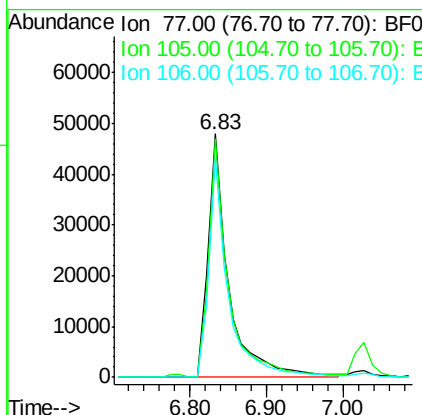
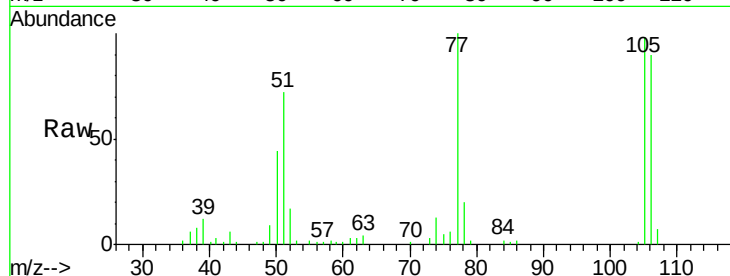
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Tot Ion:	77	Resp:	89145
Ion	Ratio	Lower	Upper
77	100		
105	97.8	72.7	112.7
106	90.3	70.8	110.8

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#10

Phenol

Concen: 19.15 ng

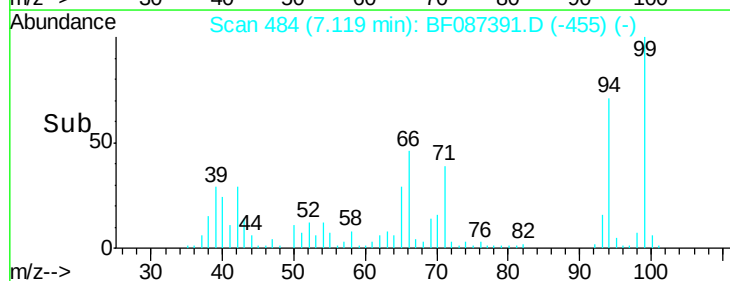
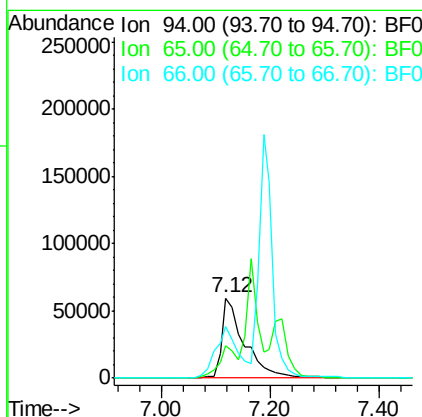
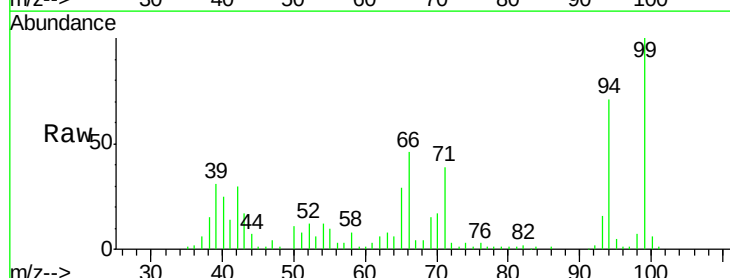
RT: 7.12 min Scan# 484

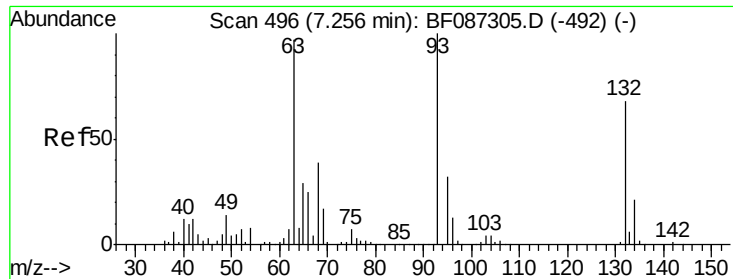
Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:	94	Resp:	176532
Ion	Ratio	Lower	Upper
94	100		
65	40.5	7.2	47.2
66	64.6	14.9	54.9#





#11

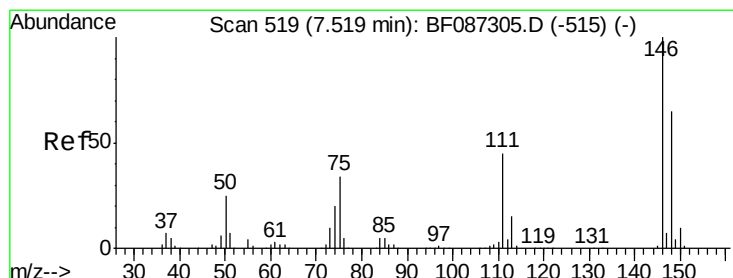
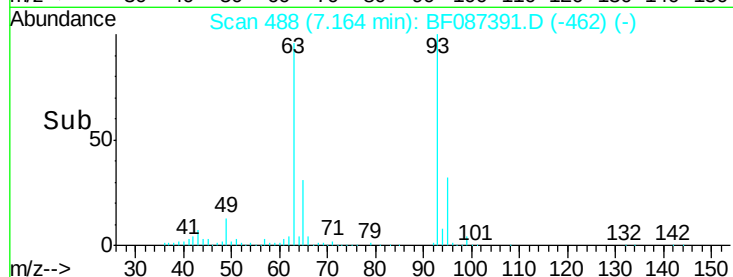
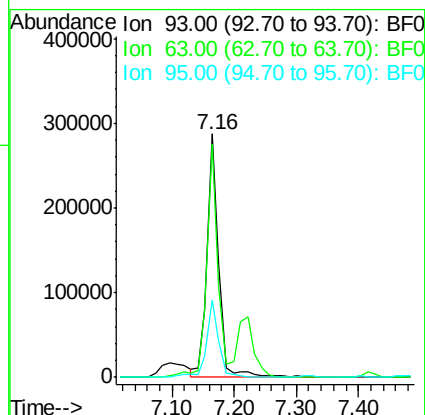
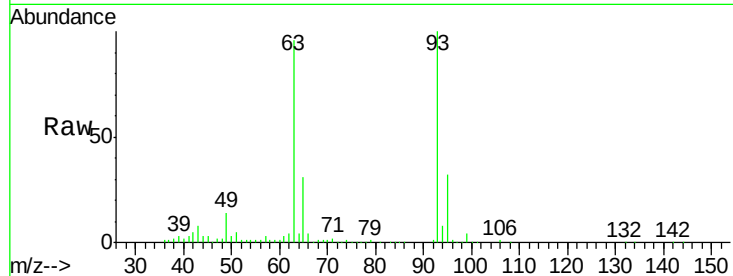
bis(2-Chloroethyl)ether
Concen: 50.54 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	377048		
63	96.1	58.0	98.0	
95	31.8	11.9	51.9	

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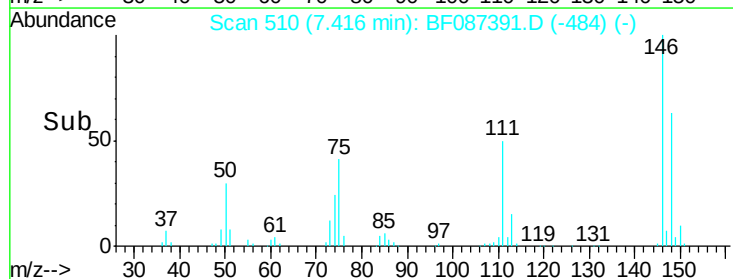
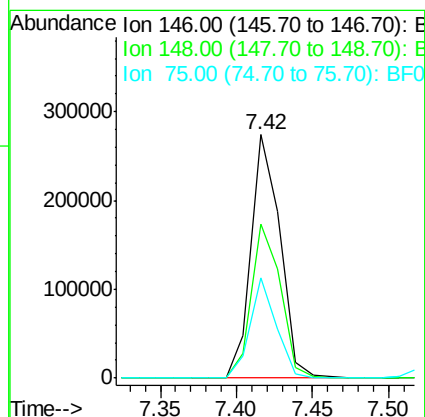
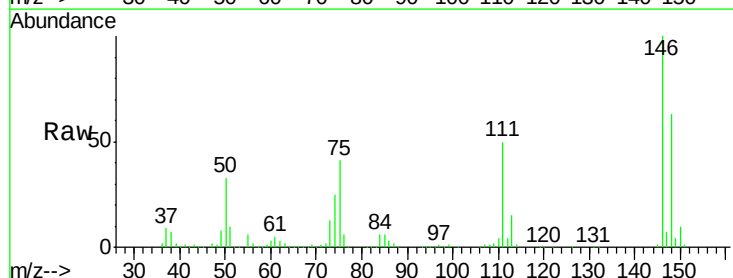
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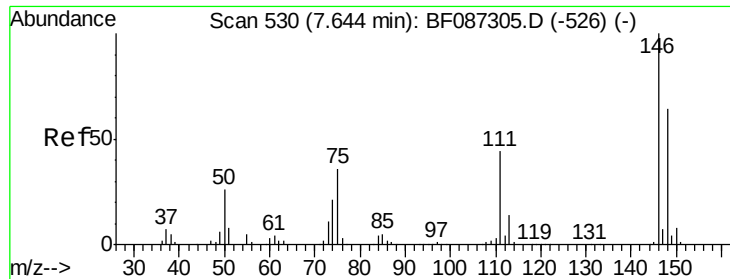


#12

1,3-Dichlorobenzene
Concen: 43.10 ng m
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	366236		
148	63.5	52.4	78.6	
75	41.2	22.8	34.2	





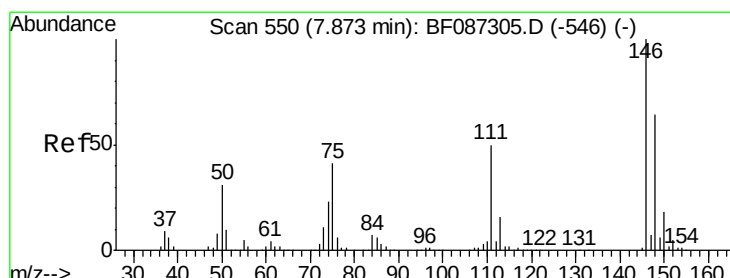
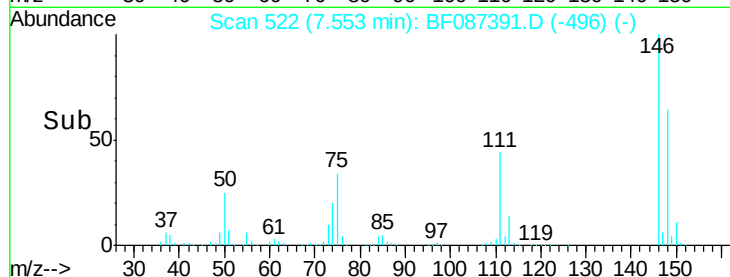
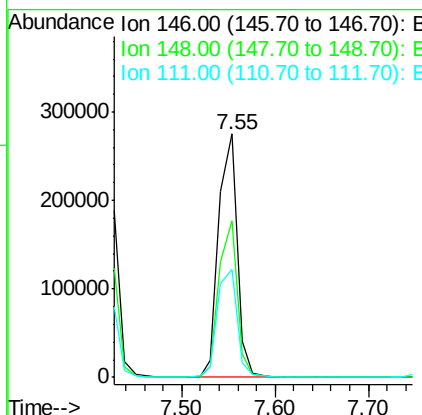
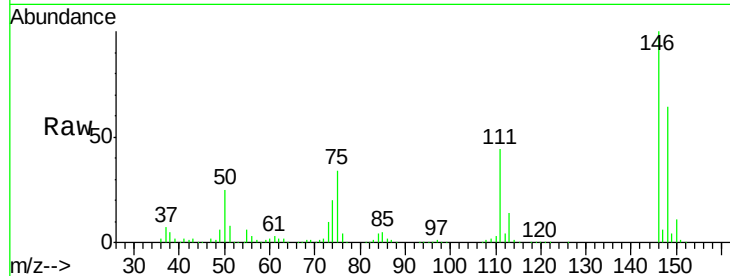
#13
 1,4-Dichlorobenzene
 Concen: 43.73 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		381484		
148	64.3	52.2	78.4		
111	44.2	30.7	46.1		

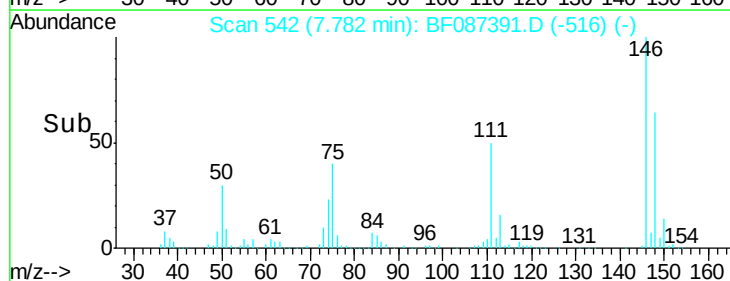
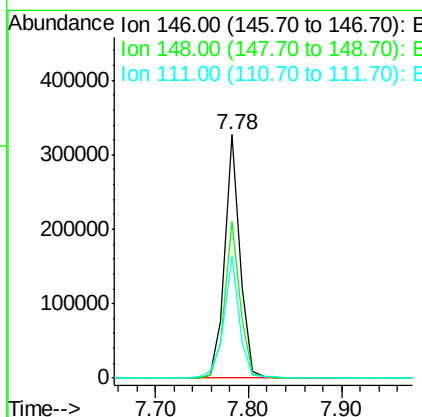
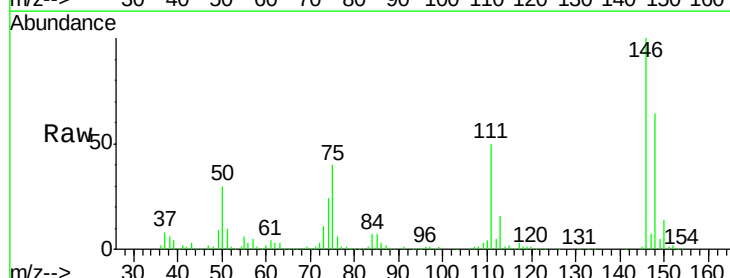
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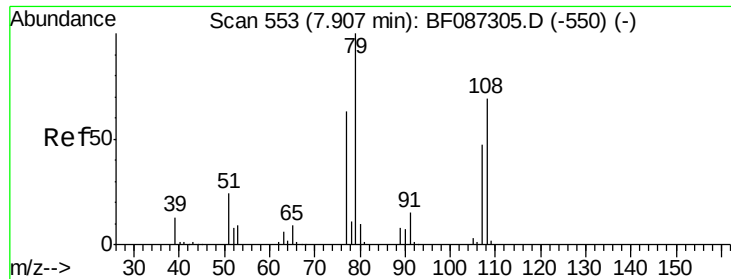
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#14
 1,2-Dichlorobenzene
 Concen: 46.16 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		372499		
148	64.4	51.0	76.6		
111	50.2	36.2	54.4		





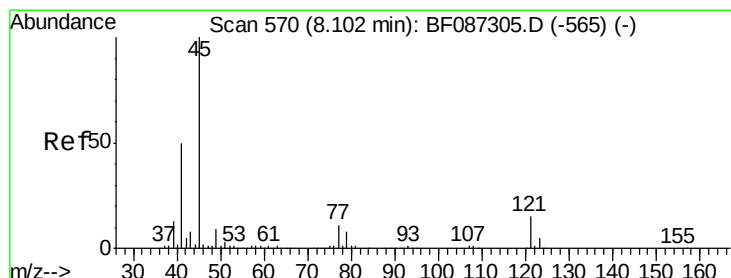
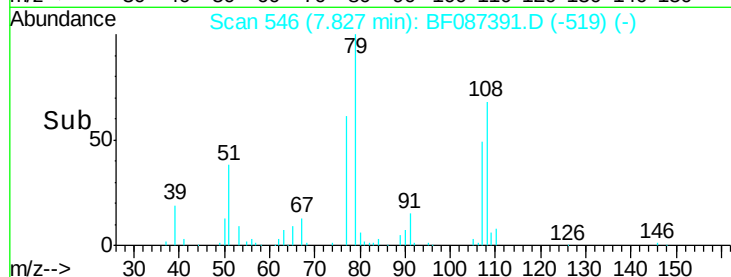
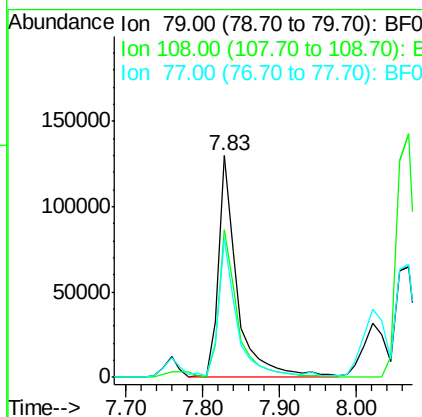
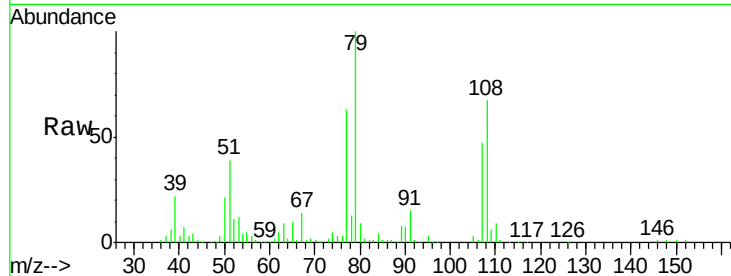
#15
Benzyl Alcohol
Concen: 35.06 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampled :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	215798		
108	66.7	68.4	102.6#	
77	62.8	50.6	76.0	

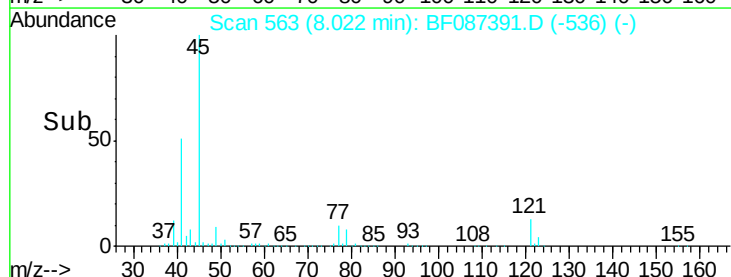
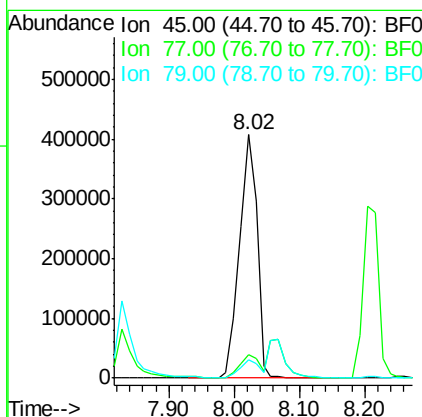
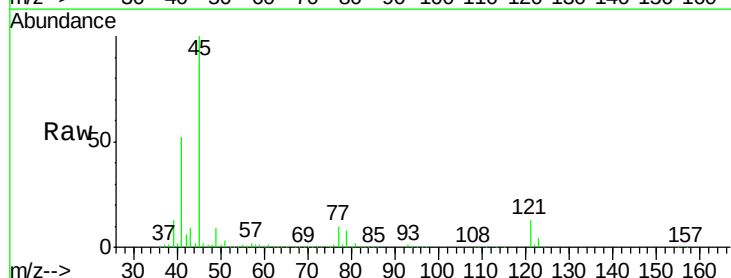
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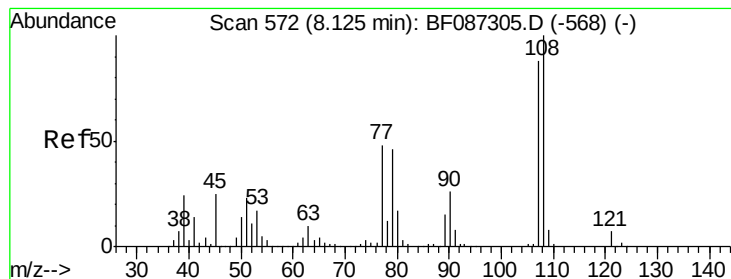
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.87 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	753283		
77	9.8	0.0	36.4	
79	7.8	0.0	33.4	





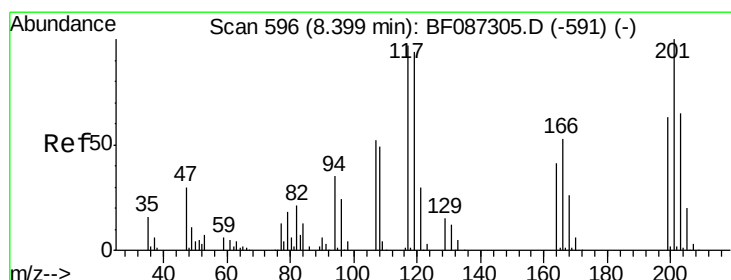
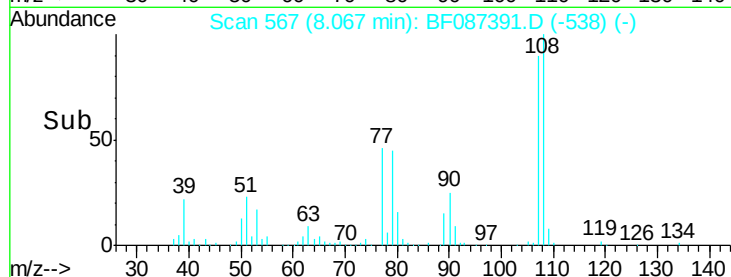
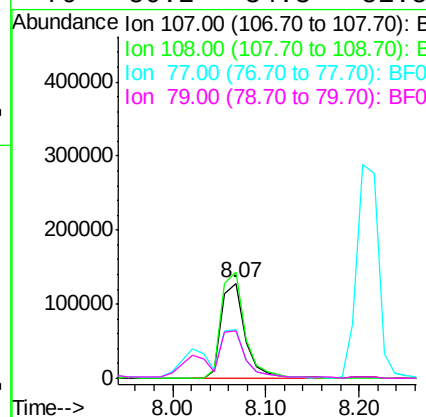
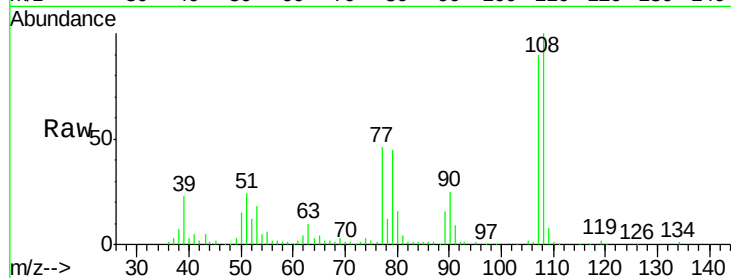
#17
2-Methylphenol
Concen: 37.03 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	93.7	140.5	
77	51.3	33.4	50.0	
79	50.2	34.3	51.5	

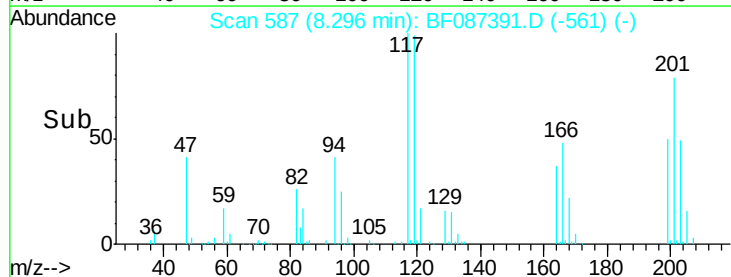
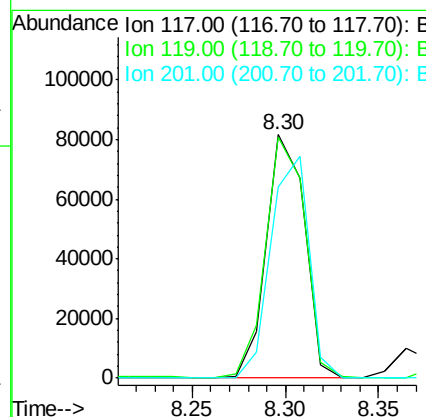
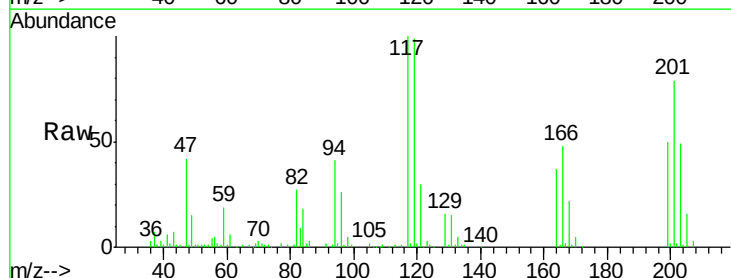
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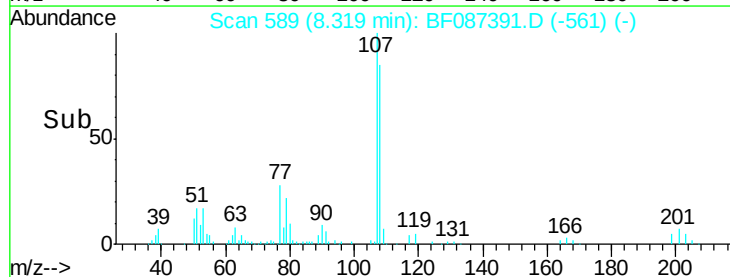
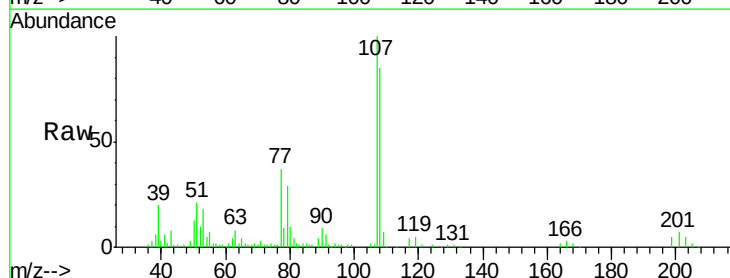
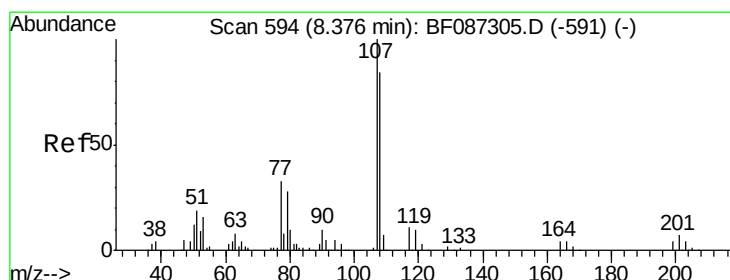
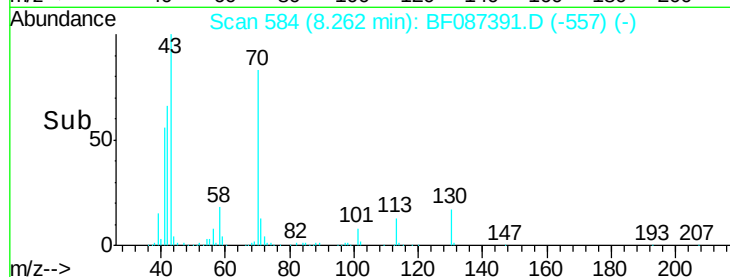
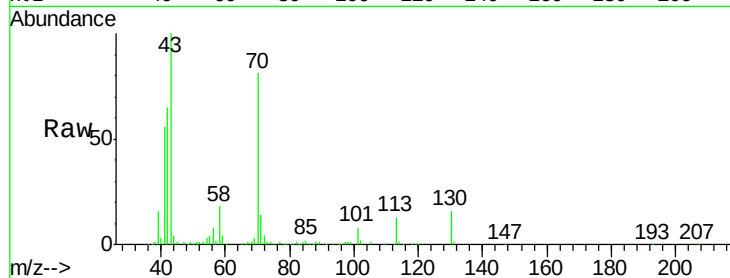
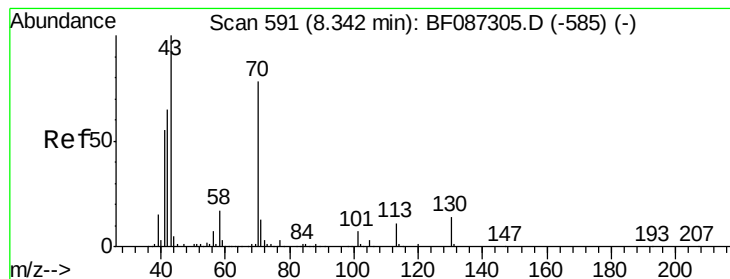
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#18
Hexachloroethane
Concen: 35.72 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	76.5	114.7	
201	78.7	63.0	94.6	





#19

n-Nitroso-di-n-propylamine

Concen: 51.79 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampled :

DAY-1MSD

Tot Ion: 70 Resp: 326016

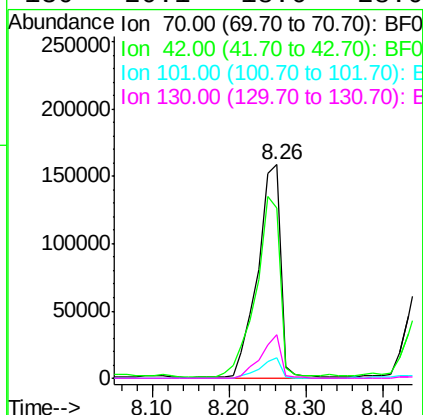
Ion Ratio Lower Upper

70 100

42 79.8 43.1 64.7#

101 9.5 8.1 12.1

130 20.1 18.6 28.0



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#20

3+4-Methylphenols

Concen: 35.84 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion: 107 Resp: 270520

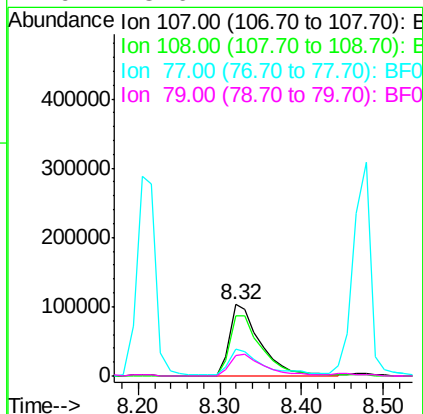
Ion Ratio Lower Upper

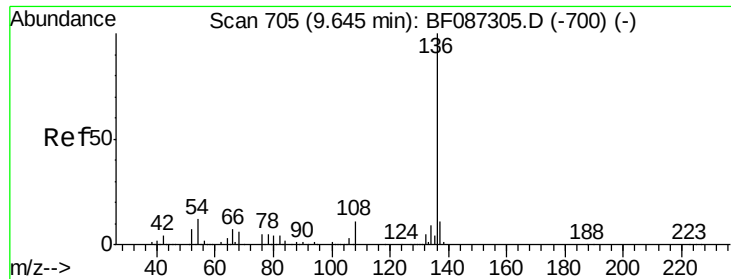
107 100

108 84.6 68.5 108.5

77 37.0 101.6 141.6#

79 28.6 7.4 47.4





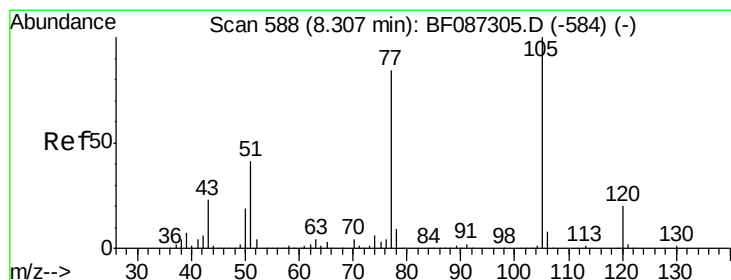
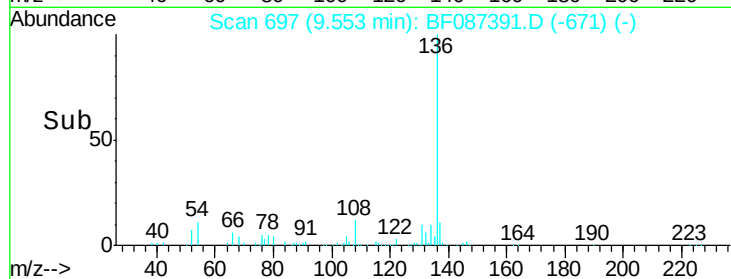
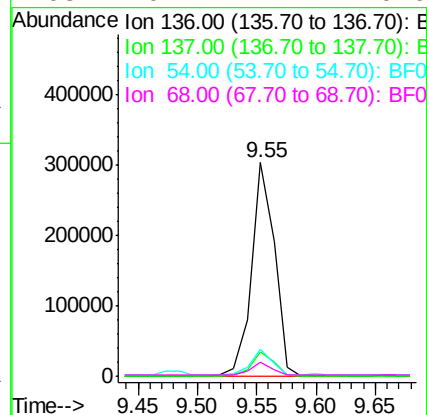
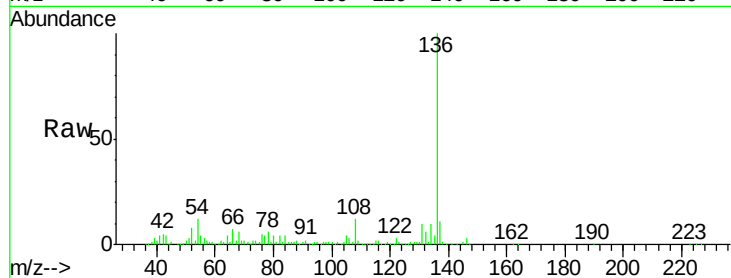
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	12.4	5.0	7.4	
68	6.4	4.4	6.6	

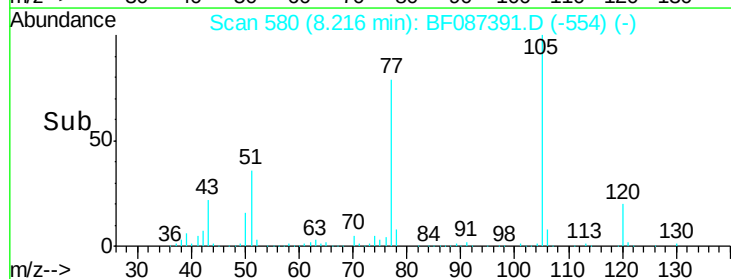
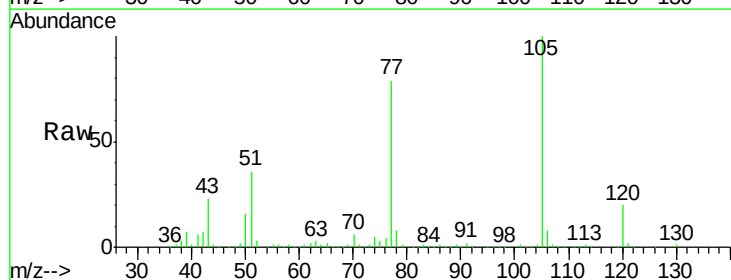
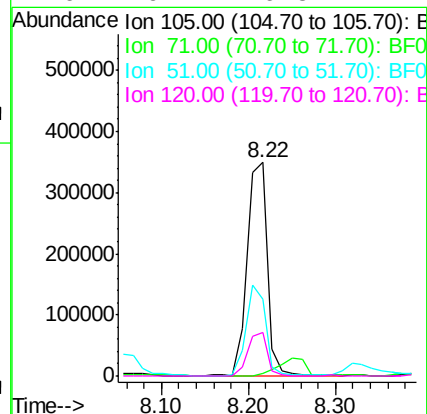
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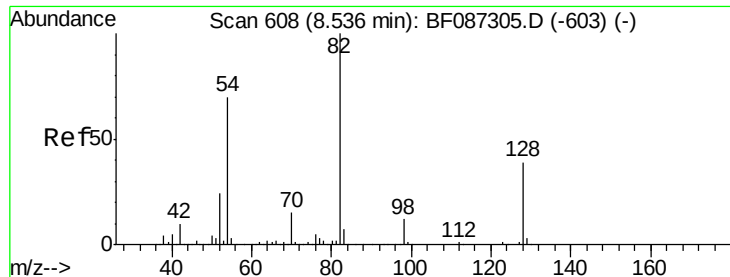
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#22
Acetophenone
Concen: 57.49 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	4.8	7.2	
51	36.1	32.6	49.0	
120	20.4	16.5	24.7	





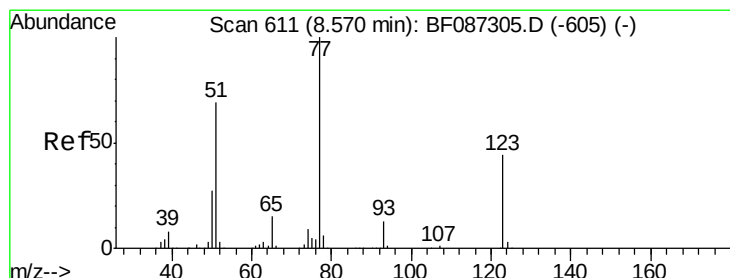
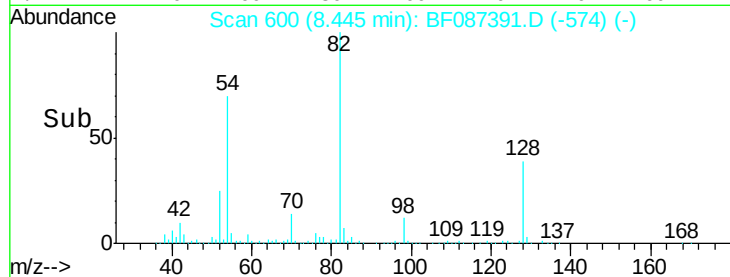
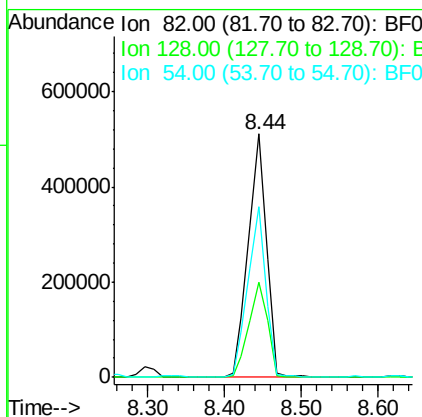
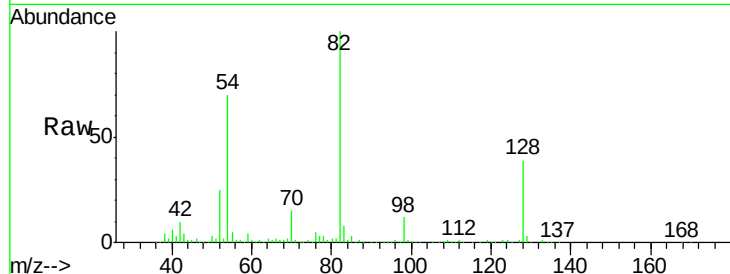
#23
 Nitrobenzene-d5
 Concen: 102.87 ng
 RT: 8.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.8	40.6	61.0#	
54	70.2	38.1	57.1#	

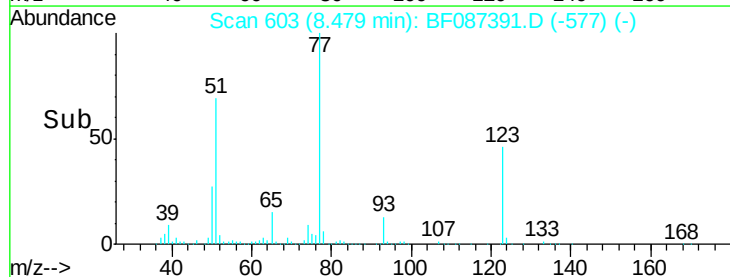
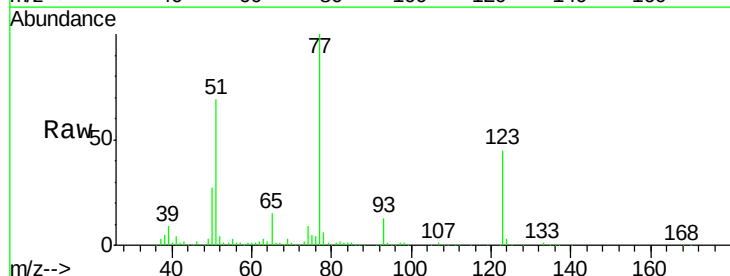
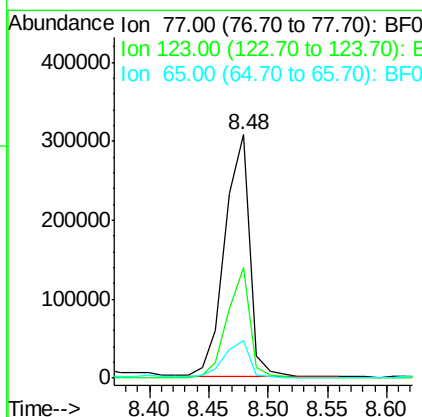
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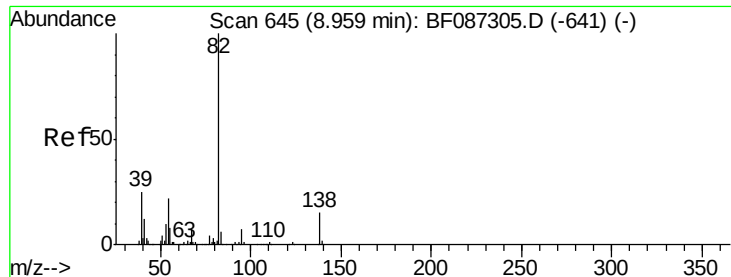
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#24
 Nitrobenzene
 Concen: 51.50 ng
 RT: 8.48 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	45.4	33.0	49.4	
65	15.3	10.8	16.2	





#25

Isophorone

Concen: 50.92 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

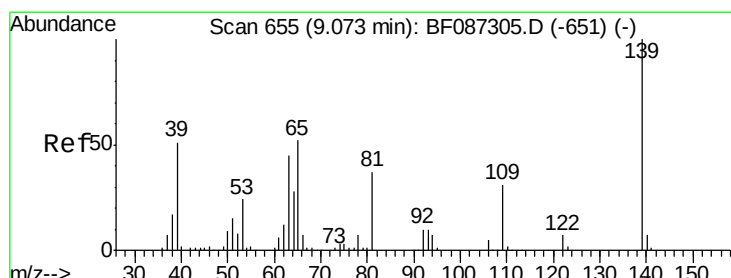
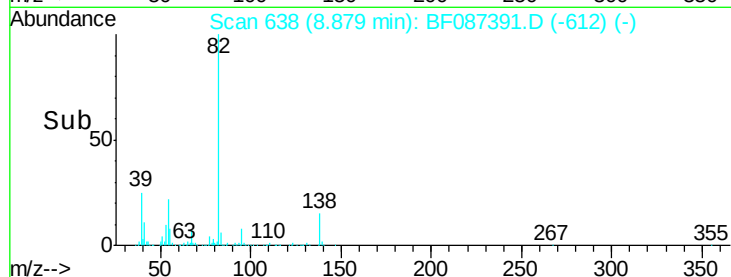
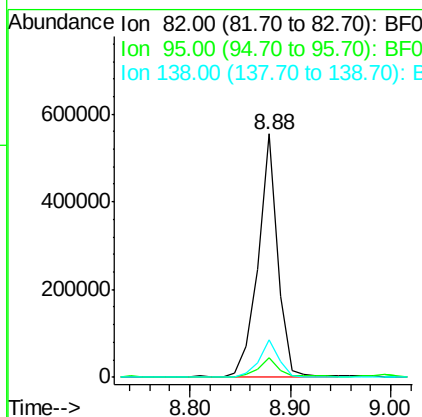
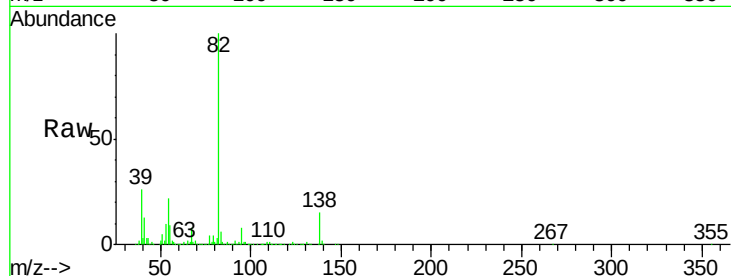
ClientSampleId :

DAY-1MSD

Tot Ion:	82	Resp:	747990
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.1	7.7#
138	15.2	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.50 ng

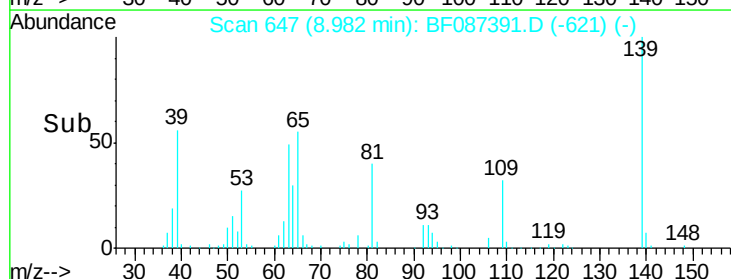
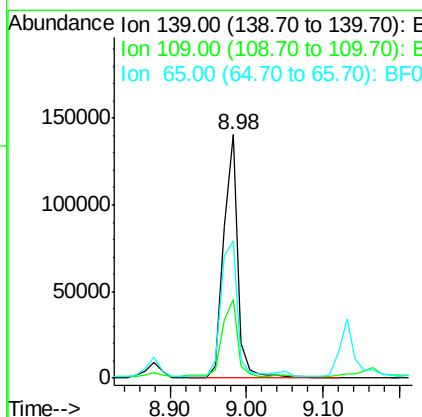
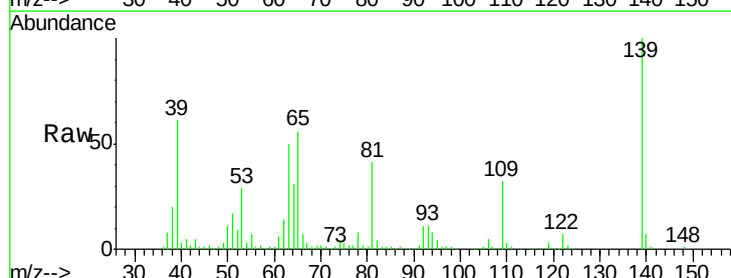
RT: 8.98 min Scan# 647

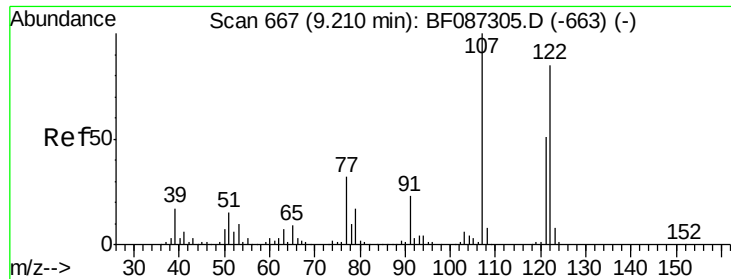
Delta R.T. -0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:	139	Resp:	185551
Ion Ratio	Lower	Upper	
139	100		
109	32.3	19.5	29.3#
65	56.4	37.5	56.3#





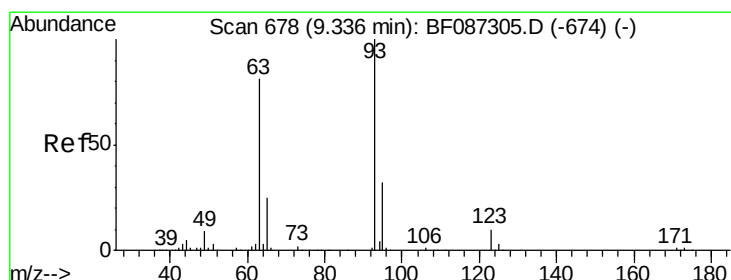
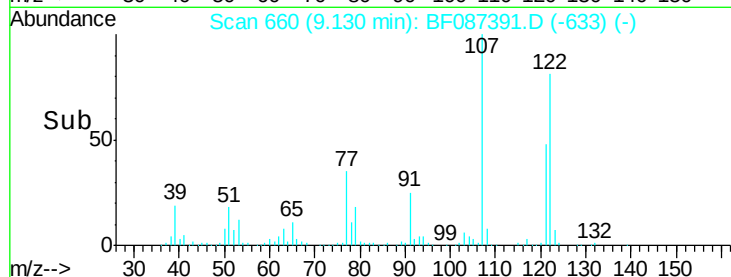
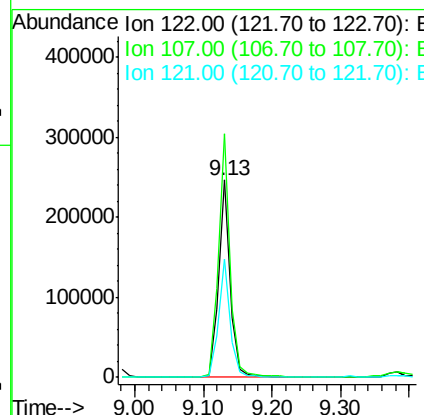
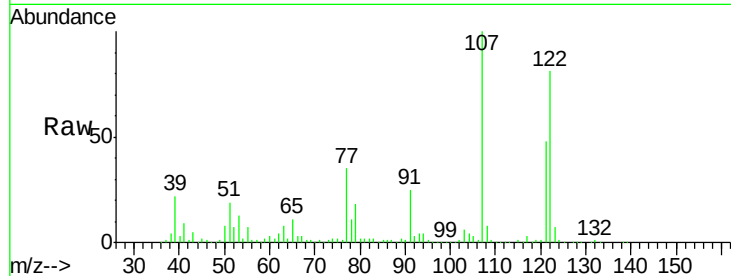
#27
 2,4-Dimethylphenol
 Concen: 48.37 ng
 RT: 9.13 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	296749		
107	123.4	82.0	123.0#	
121	59.7	46.1	69.1	

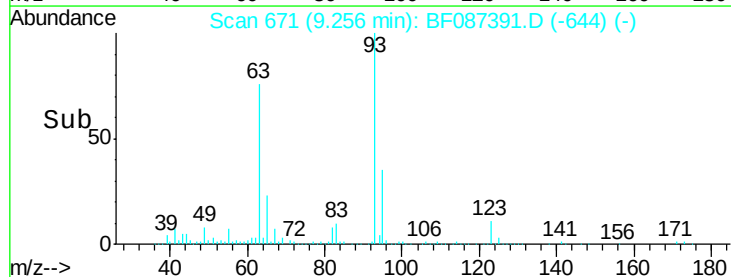
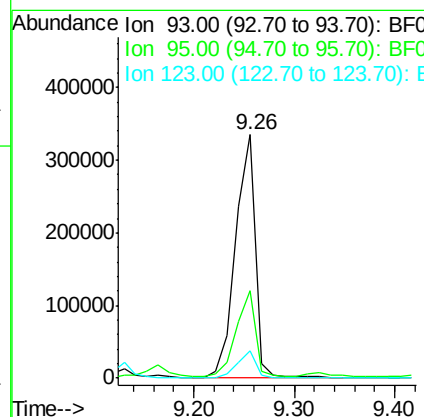
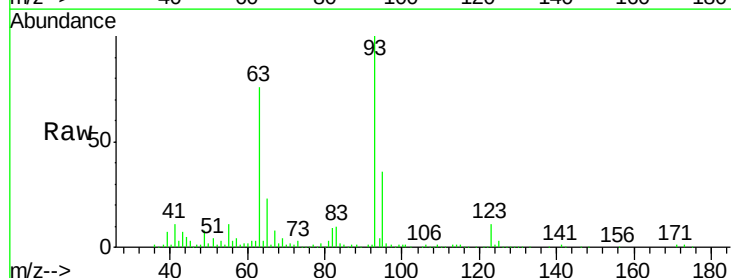
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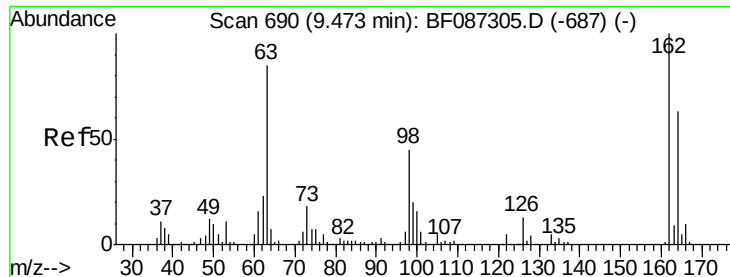
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#28
 bis(2-Chloroethoxy)methane
 Concen: 55.09 ng
 RT: 9.26 min Scan# 671
 Delta R.T. 0.01 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	455782		
95	35.9	26.0	39.0	
123	11.4	9.5	14.3	





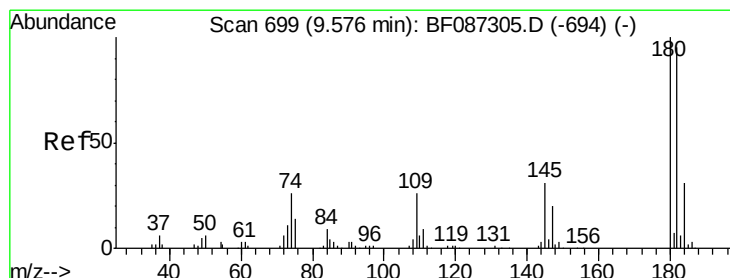
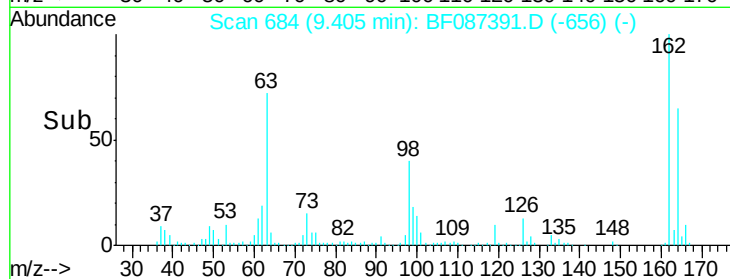
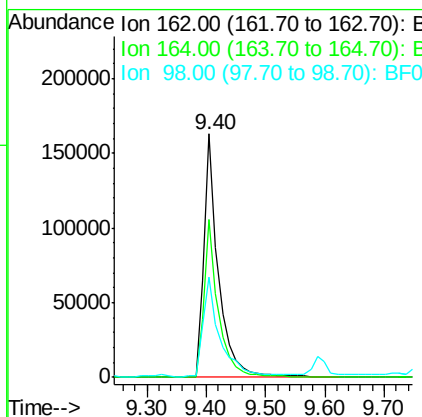
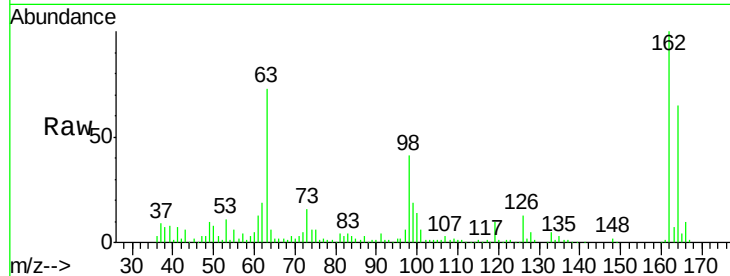
#29
 2,4-Dichlorophenol
 Concen: 51.33 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampled :
 DAY-1MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	42.2	82.2
98	41.0	19.0	59.0

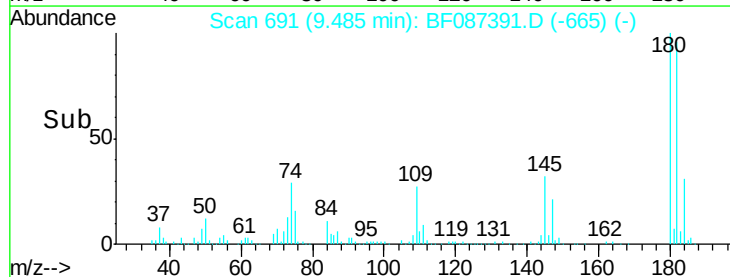
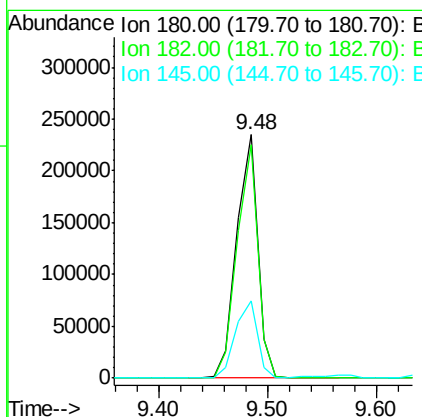
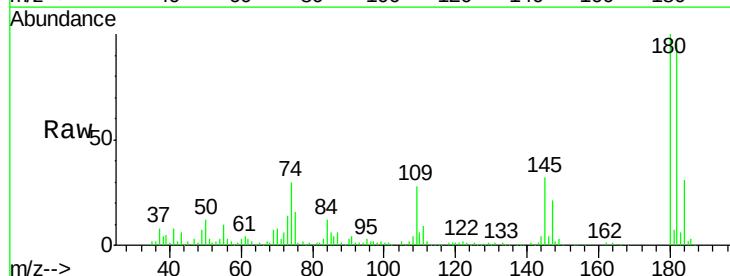
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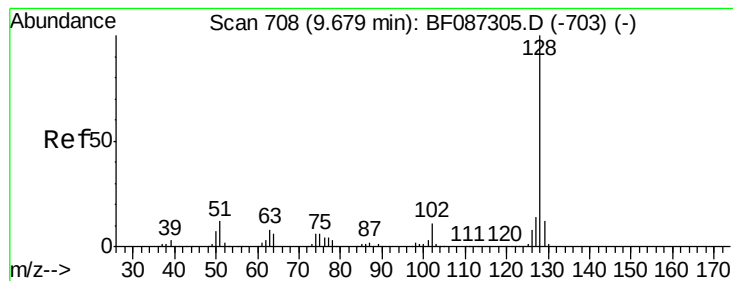
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.75 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.7	78.0	117.0
145	31.9	24.2	36.2





#31

Naphthalene

Concen: 50.53 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

Tot Ion:128 Resp: 1045202

Ion Ratio Lower Upper

128 100

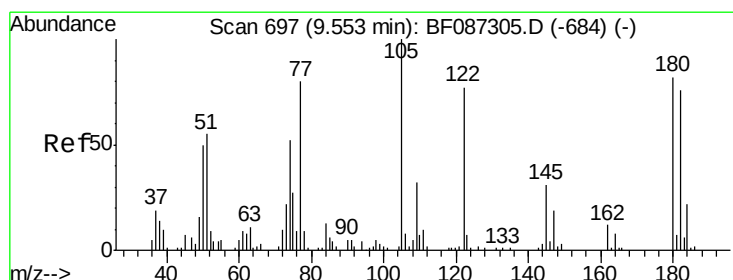
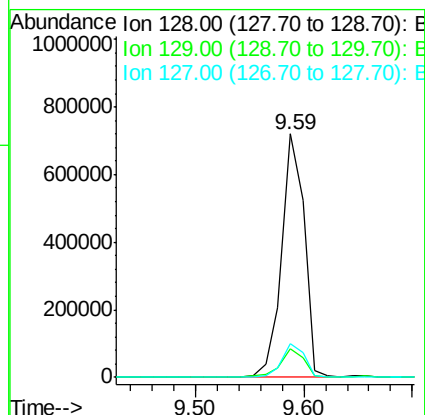
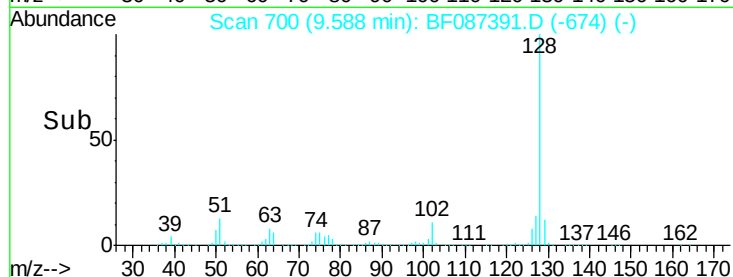
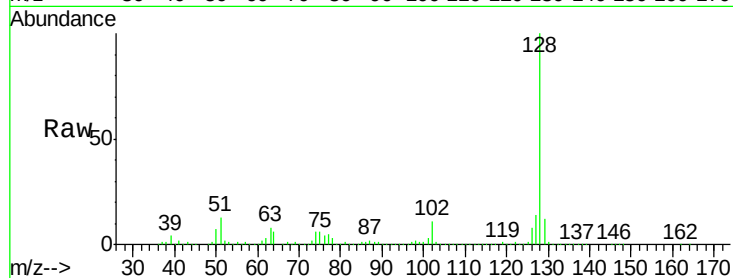
129 11.9 8.6 13.0

127 13.9 10.8 16.2

Manual Integrations
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#32

Benzoic acid

Concen: 9.50 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.07 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

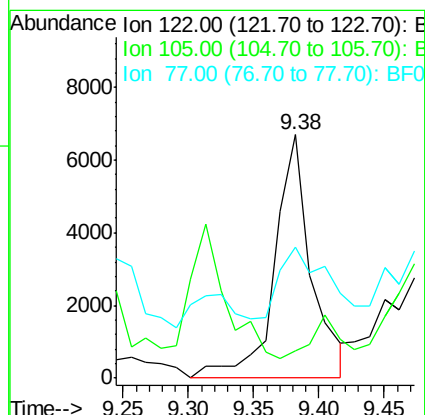
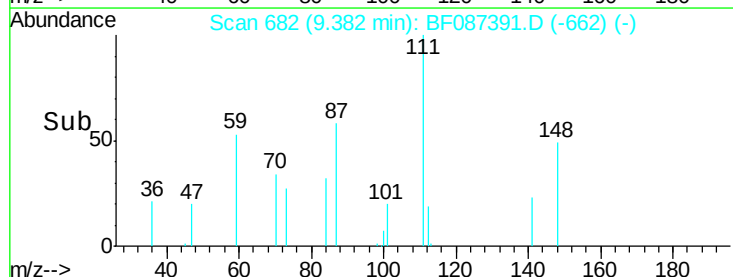
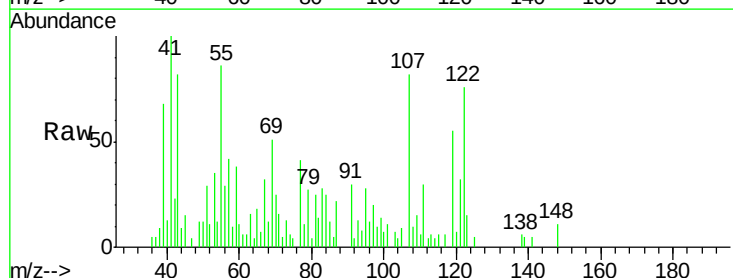
Tgt Ion:122 Resp: 13220

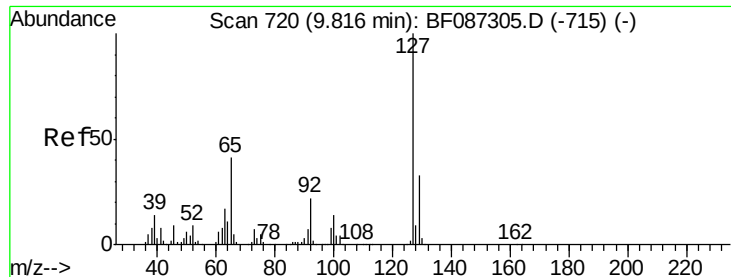
Ion Ratio Lower Upper

122 100

105 11.4 92.6 132.6#

77 54.0 60.0 100.0#





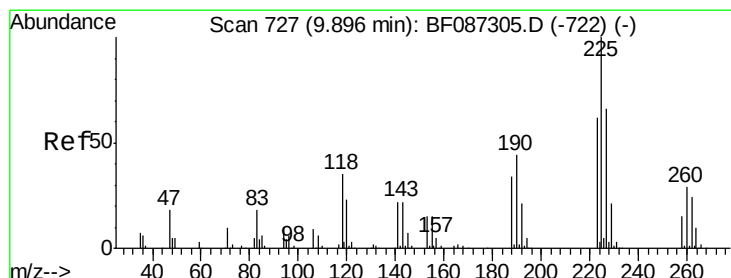
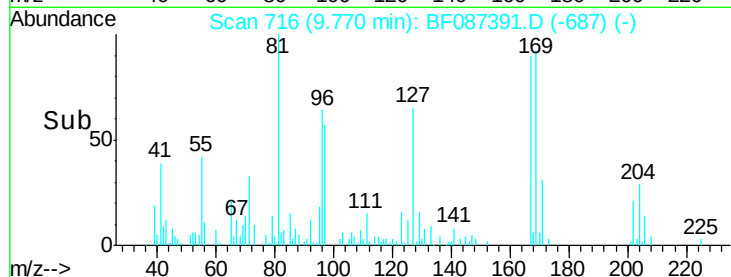
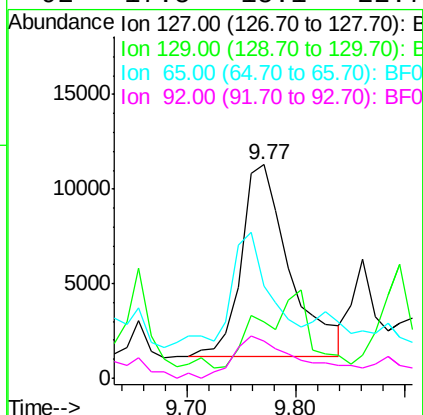
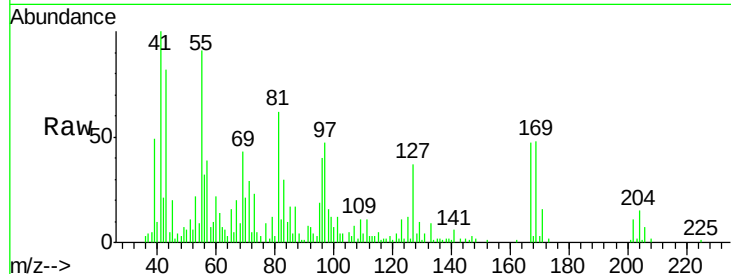
#33
4-Chloroaniline
Concen: 4.17 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
31741	127	100			
	129	26.6	26.2	39.4	
	65	42.9	23.0	34.4	
	92	17.5	15.1	22.7	

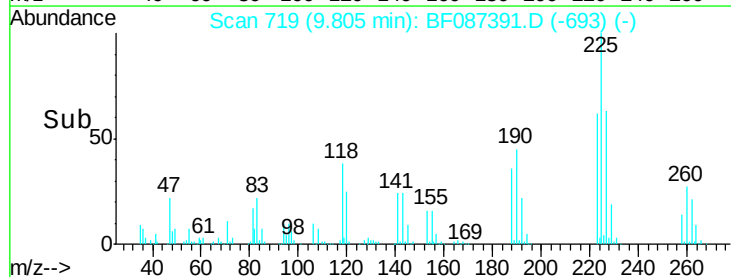
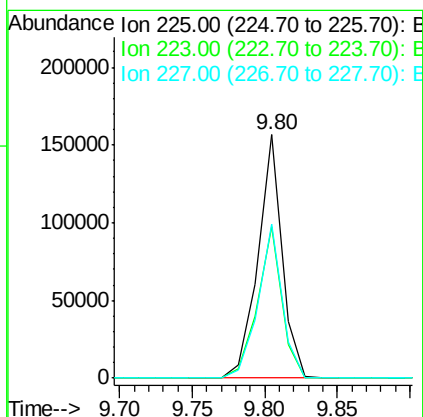
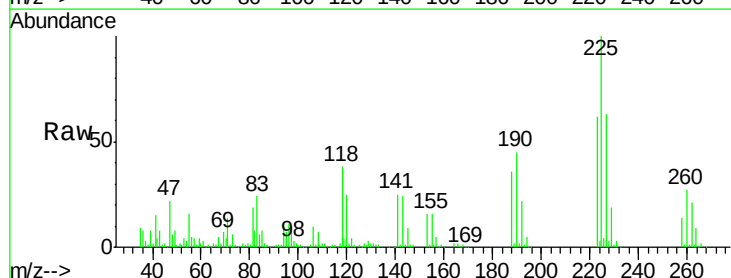
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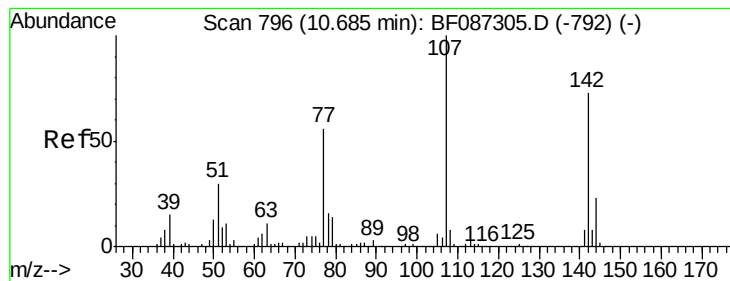
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#34
Hexachlorobutadiene
Concen: 47.09 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
181173	225	100			
	223	62.4	51.5	77.3	
	227	63.3	52.2	78.2	





#36

4-Chloro-3-methylphenol

Concen: 47.02 ng

RT: 10.62 min Scan# 790

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

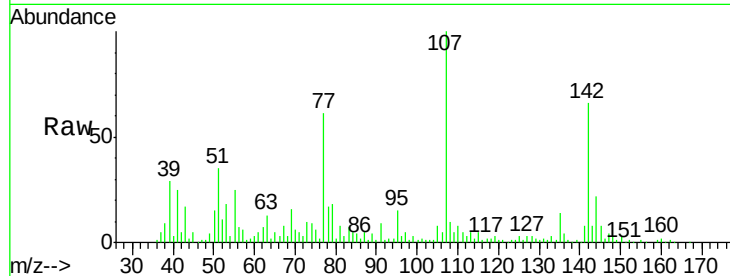
ClientSampleId :

DAY-1MSD

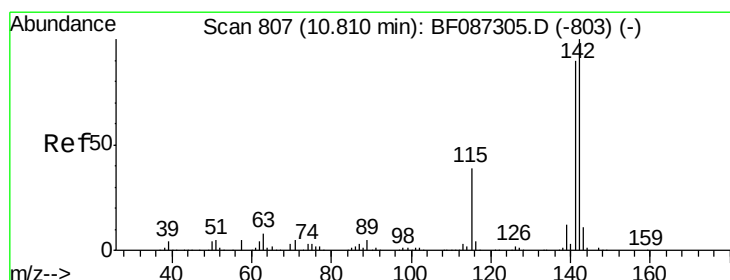
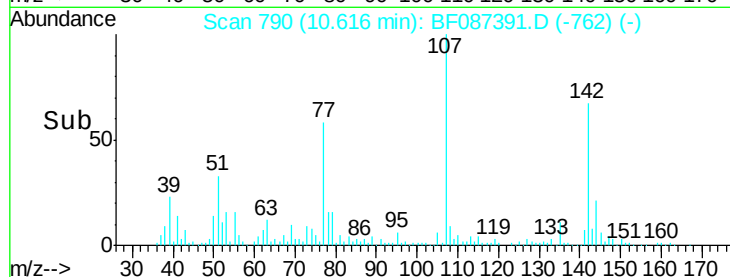
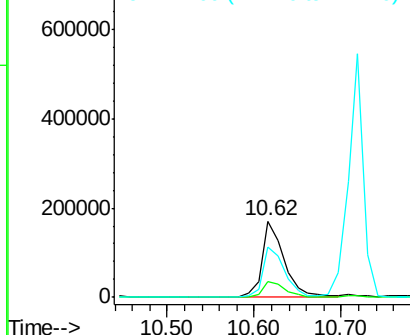
Tot Ion:	107	Resp:	293911
Ion Ratio	Lower	Upper	
107	100		
144	21.6	20.7	31.1
142	65.9	63.2	94.8

Manual Integrations
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 51.29 ng

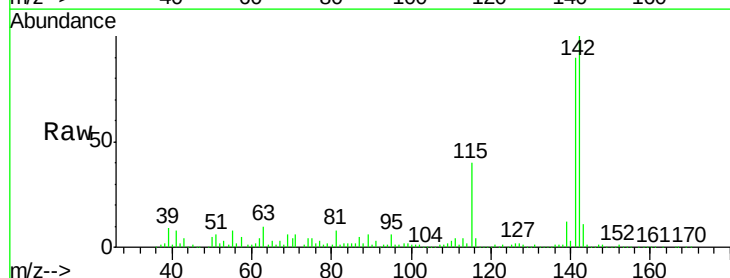
RT: 10.72 min Scan# 799

Delta R.T. 0.00 min

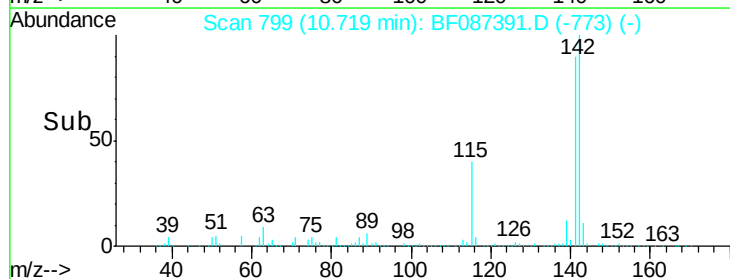
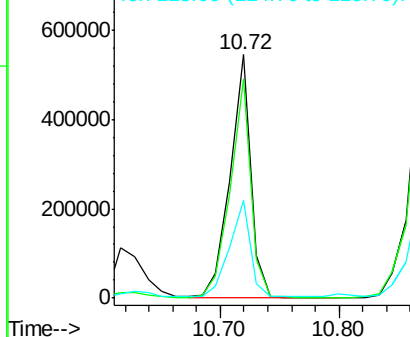
Lab File: BF087391.D

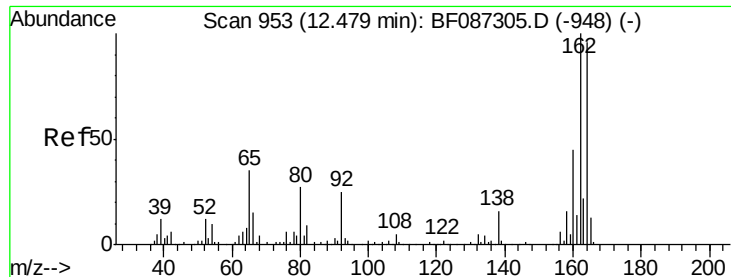
Acq: 26 May 2016 2:29

Tgt Ion:	142	Resp:	662725
Ion Ratio	Lower	Upper	
142	100		
141	90.2	71.0	106.6
115	40.4	26.6	39.8#



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





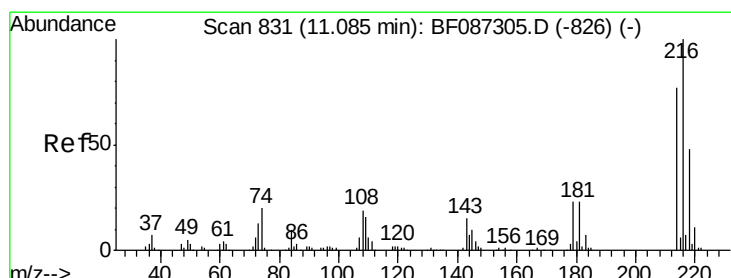
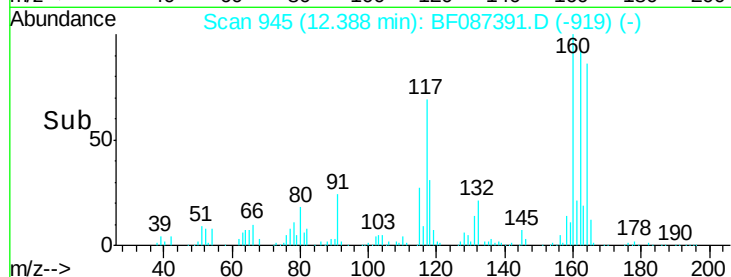
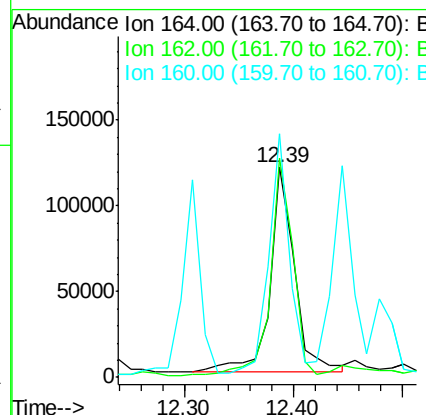
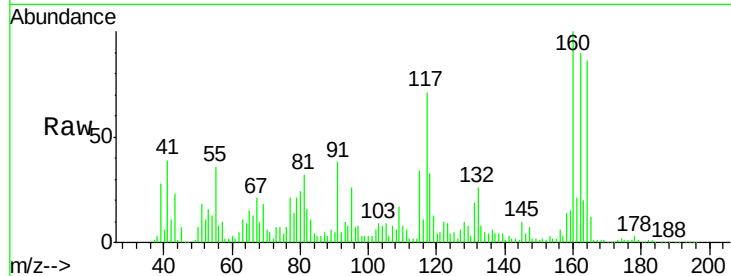
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	82.8	124.2	
160	115.9	36.9	55.3	

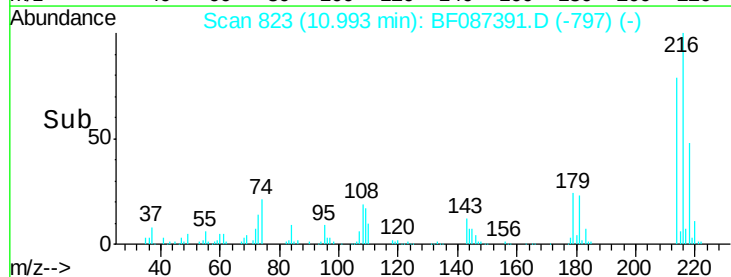
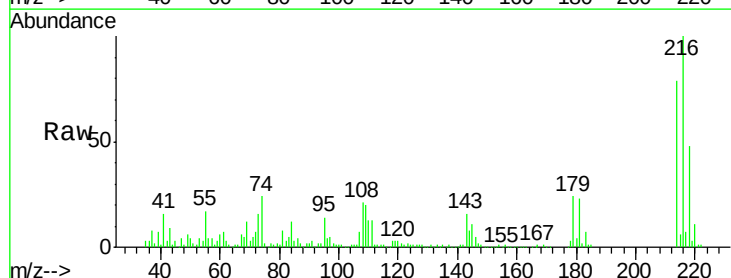
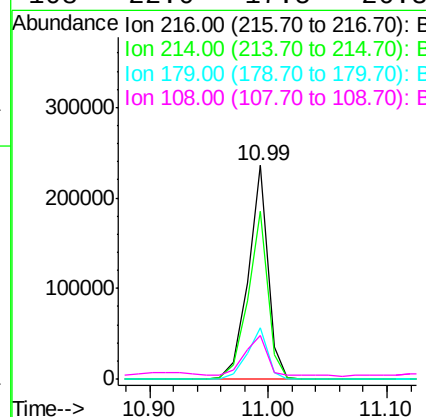
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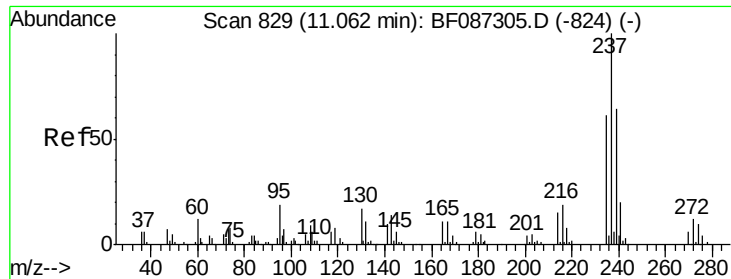
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.43 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	62.6	93.8	
179	24.6	18.2	27.4	
108	22.0	17.5	26.3	





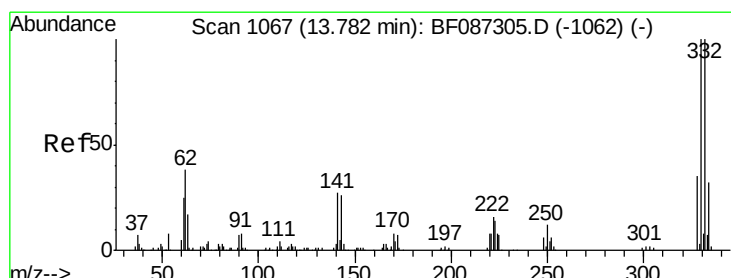
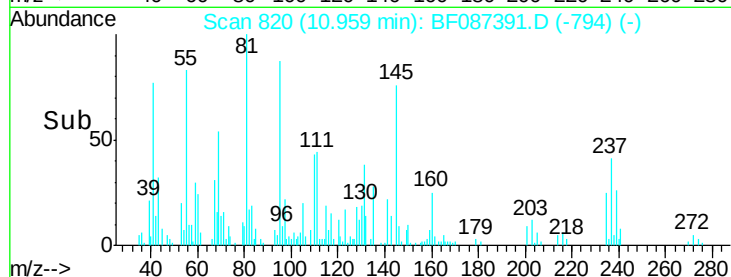
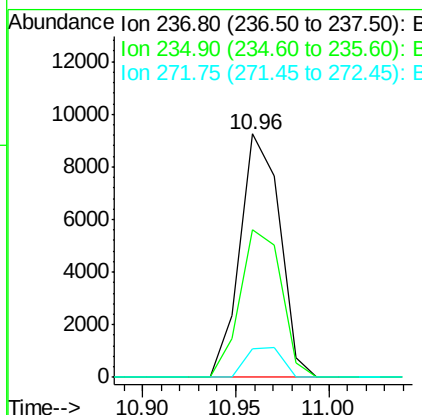
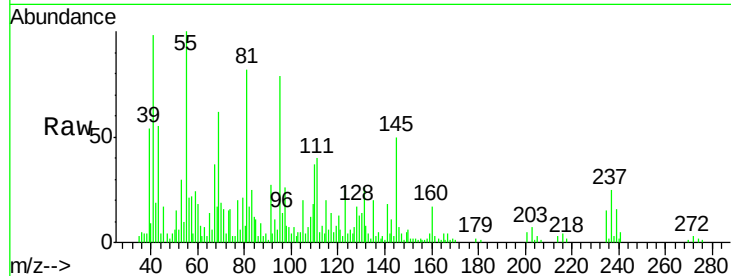
#40
Hexachlorocyclopentadiene
Concen: 14.32 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.6	47.2	87.2	
272	11.6	0.0	31.1	

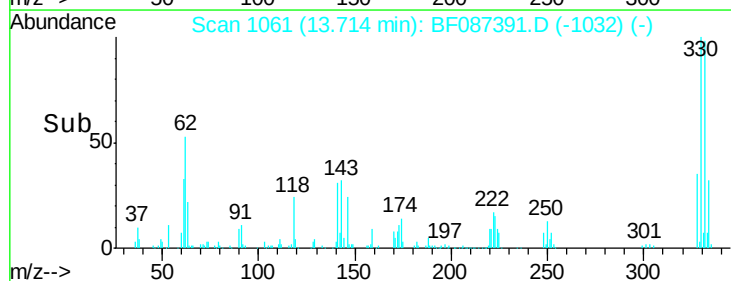
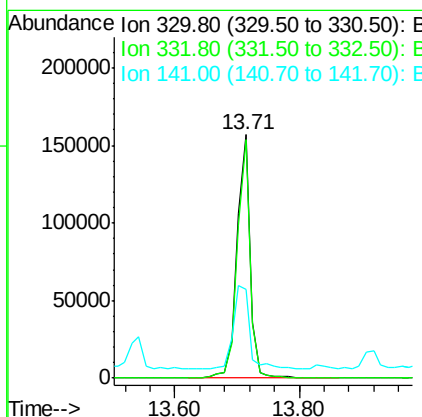
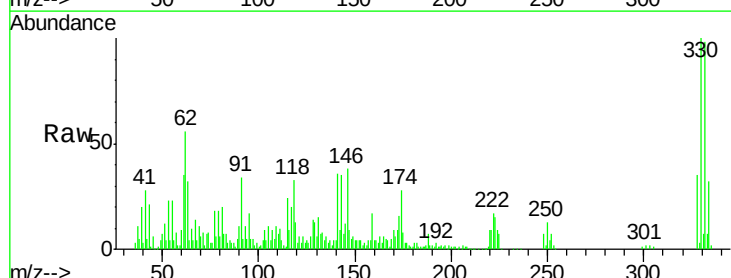
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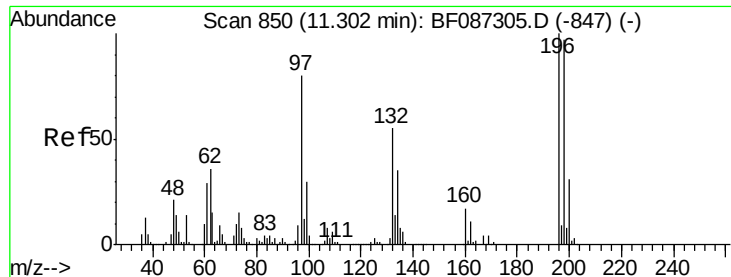
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#41
2,4,6-Tribromophenol
Concen: 128.82 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	79.0	118.4	
141	42.7	31.2	46.8	





#42

2,4,6-Trichlorophenol

Concen: 50.64 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

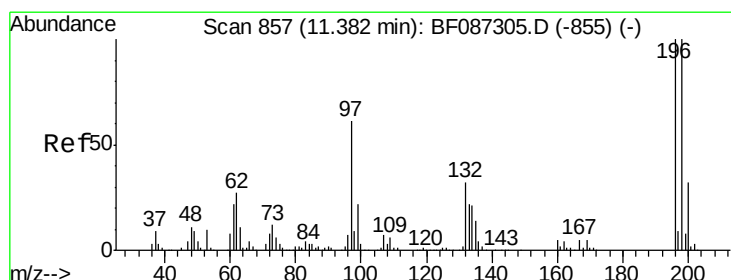
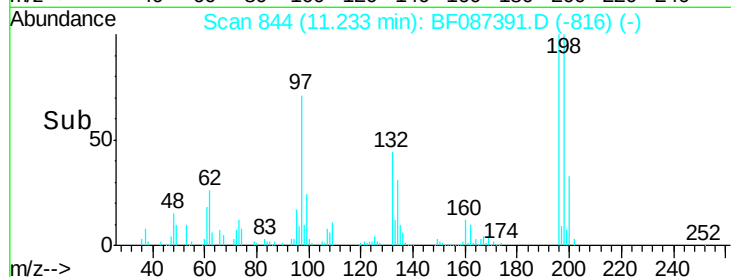
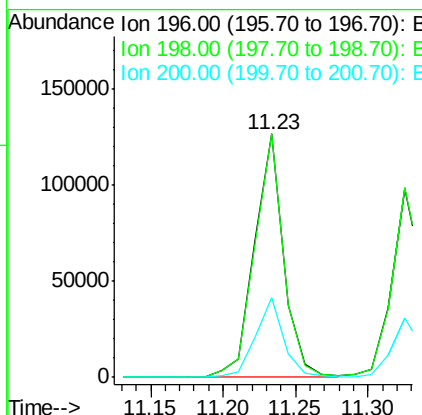
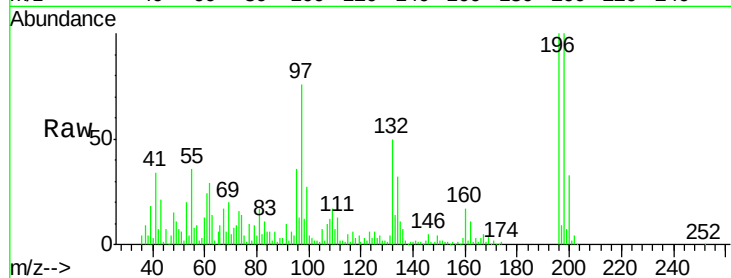
ClientSampleId :

DAY-1MSD

Tot Ion:	196	Resp:	176894
Ion Ratio	Lower	Upper	
196	100		
198	100.0	74.7	112.1
200	32.9	23.8	35.6

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 45.94 ng

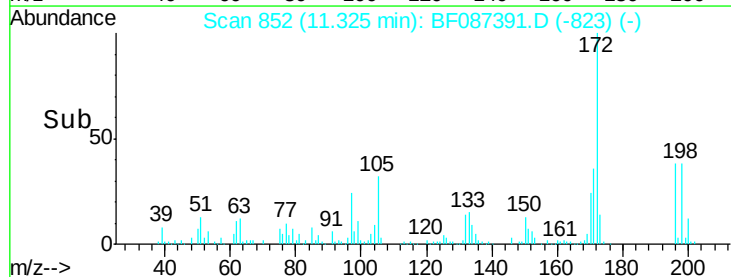
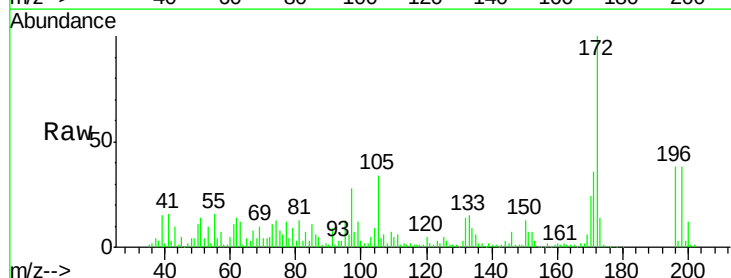
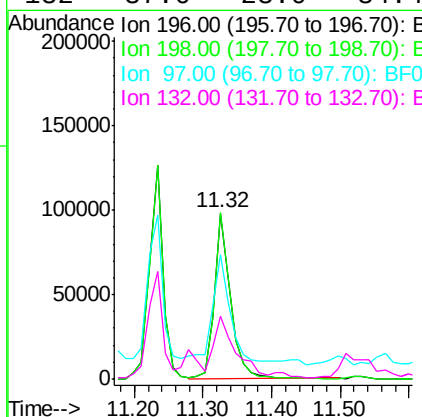
RT: 11.32 min Scan# 852

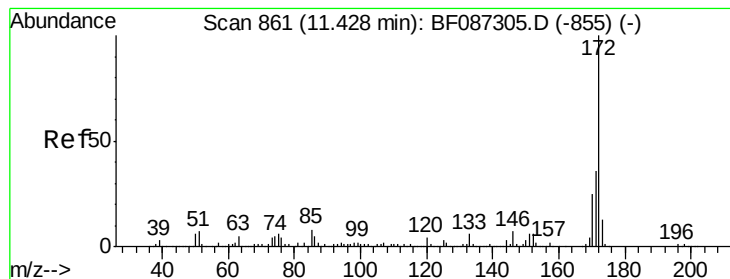
Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:	196	Resp:	163422
Ion Ratio	Lower	Upper	
196	100		
198	101.0	77.5	116.3
97	75.0	34.8	52.2#
132	37.6	23.0	34.4#





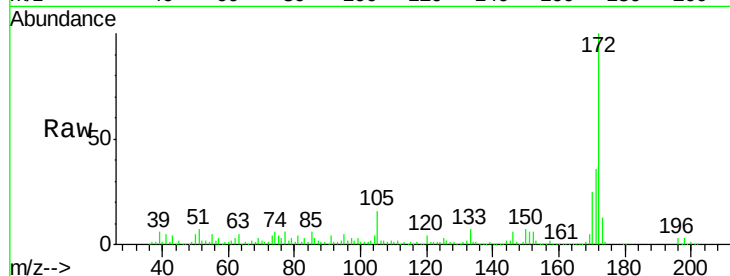
#44
2-Fluorobiphenyl
Concen: 95.54 ng
RT: 11.35 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampled :
DAY-1MSD

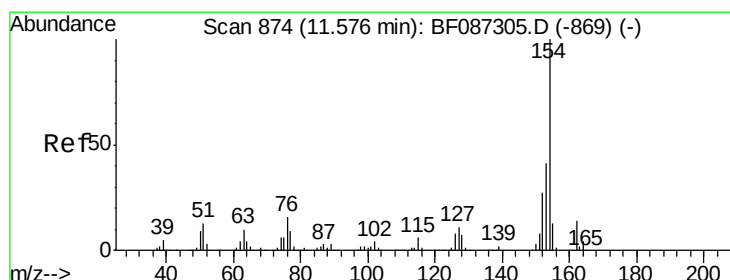
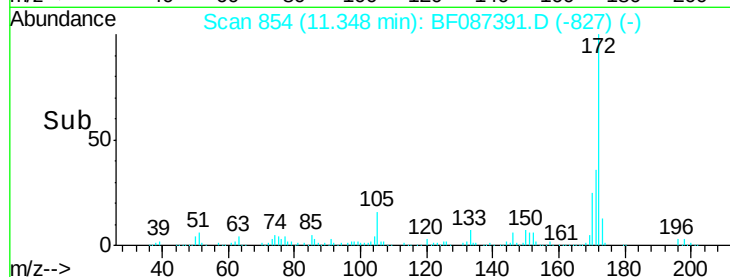
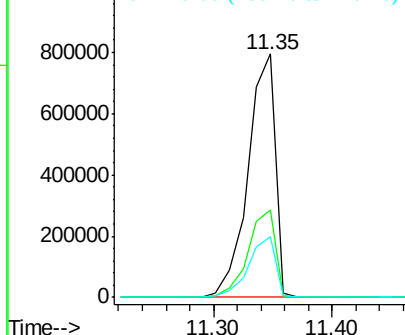
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.8	19.8	29.8

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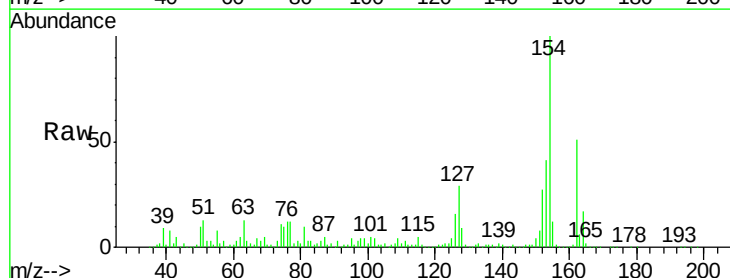


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

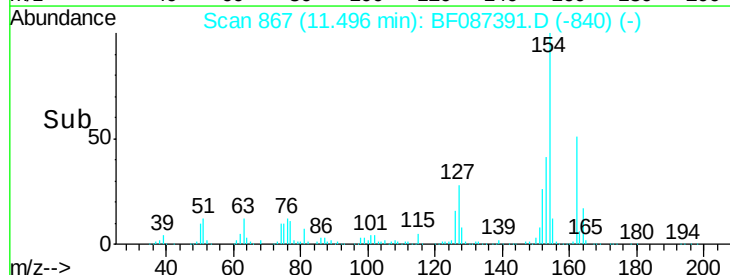
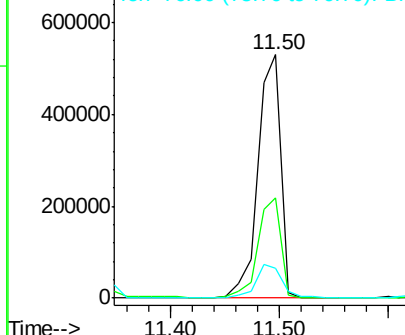


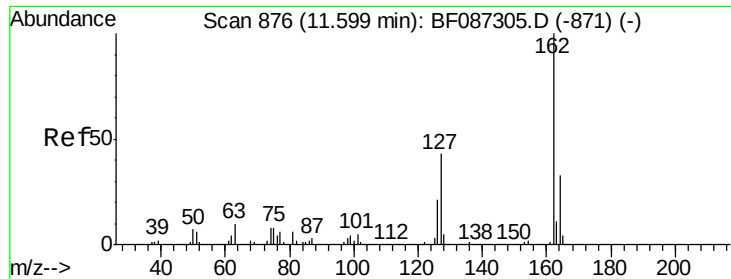
#45
1,1'-Biphenyl
Concen: 48.87 ng
RT: 11.50 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.3	60.3
76	12.2	0.0	30.2



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





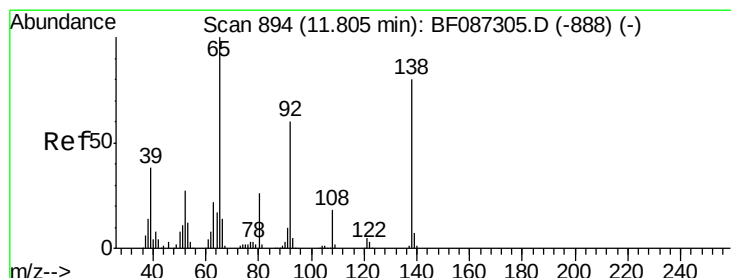
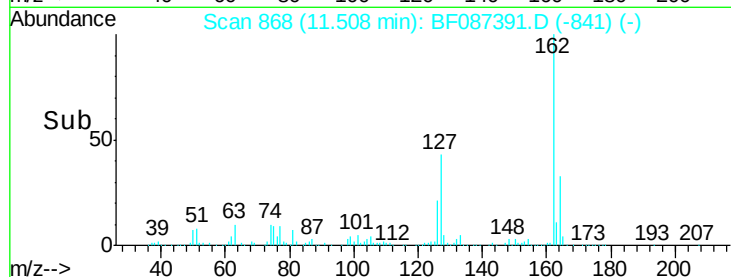
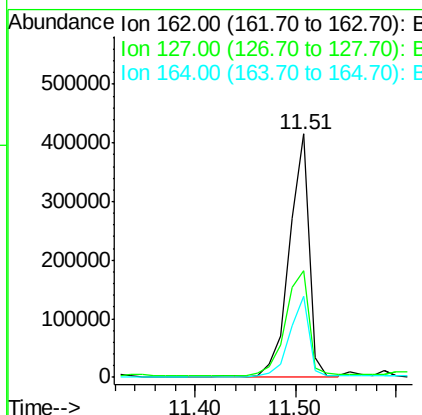
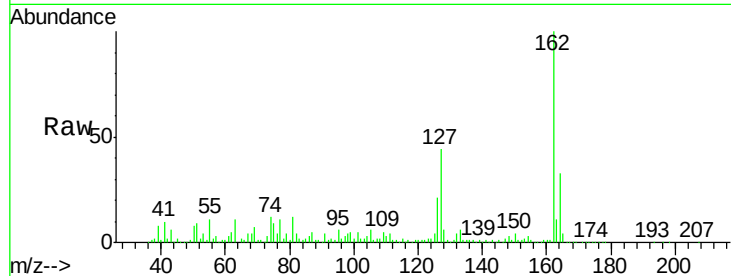
#46
2-Chloronaphthalene
Concen: 46.73 ng
RT: 11.51 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	569083		
127	43.7	31.8	47.6	
164	33.4	27.0	40.6	

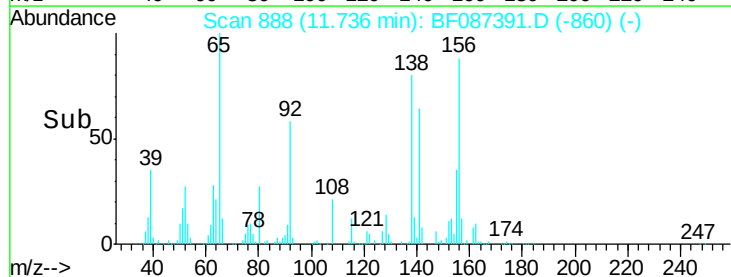
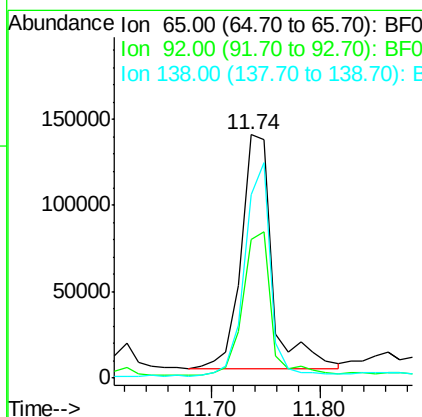
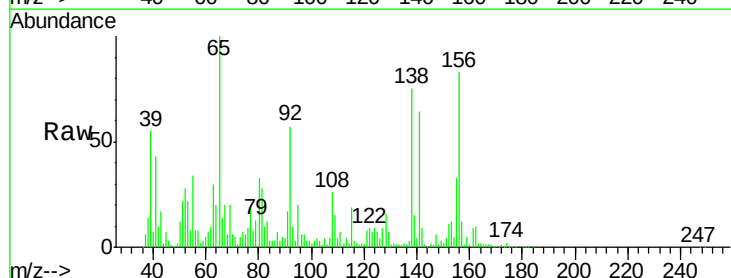
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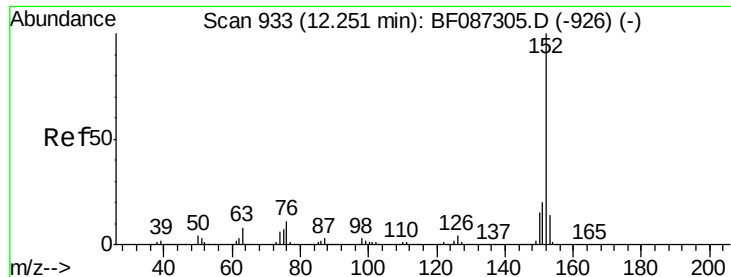
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#47
2-Nitroaniline
Concen: 61.69 ng
RT: 11.74 min Scan# 888
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	270690		
92	56.8	57.4	86.2#	
138	75.4	90.1	135.1#	





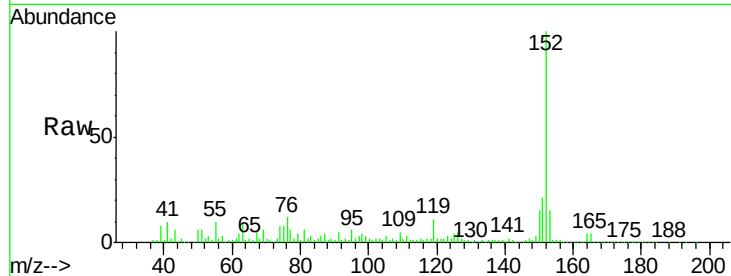
#48
Acenaphthylene
Concen: 42.84 ng
RT: 12.16 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

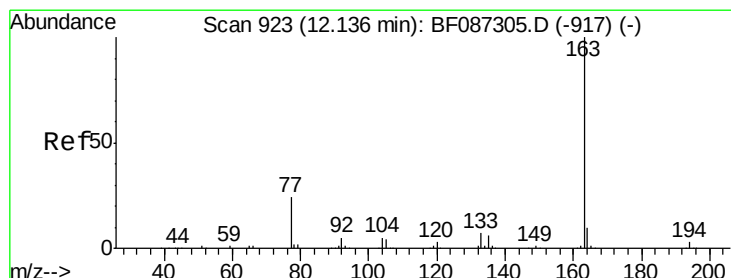
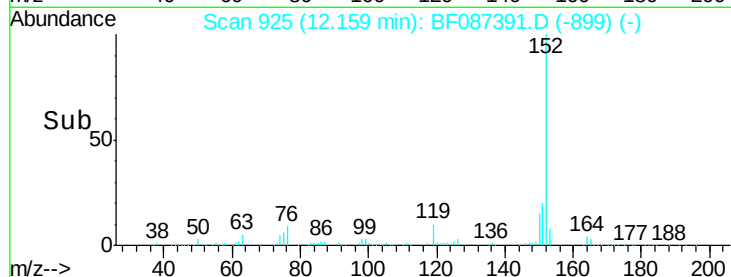
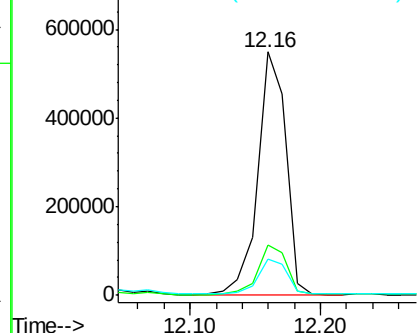
Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.9	10.9	16.3

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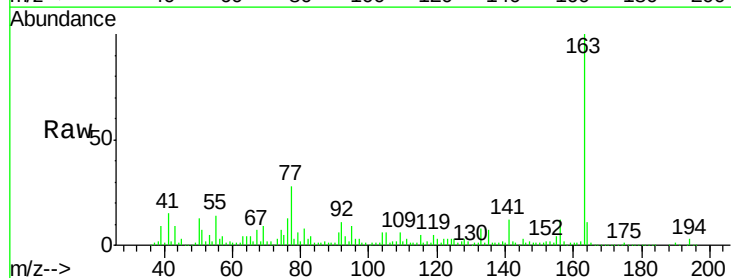


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

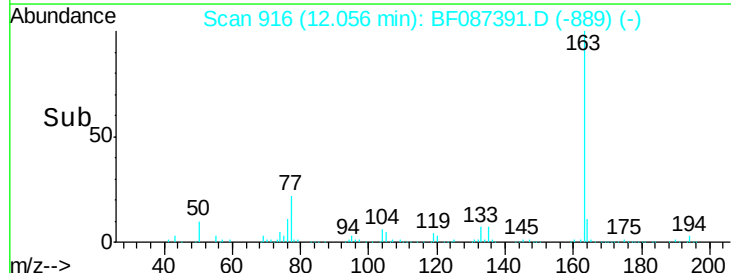
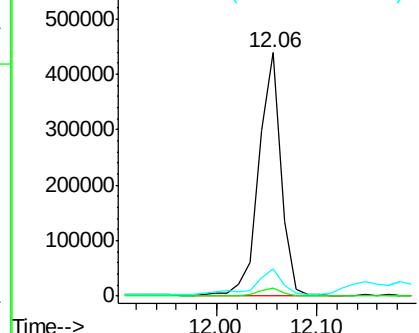


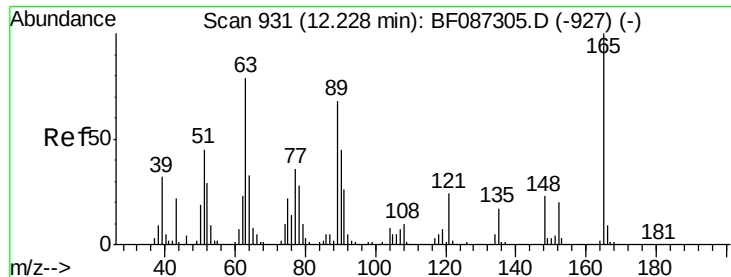
#49
Dimethylphthalate
Concen: 43.95 ng
RT: 12.06 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.6	4.0
164	11.2	8.2	12.4



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





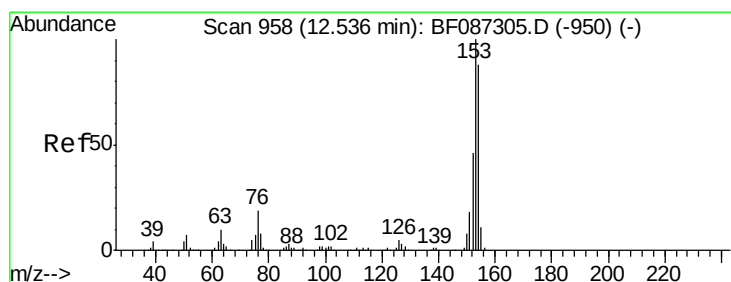
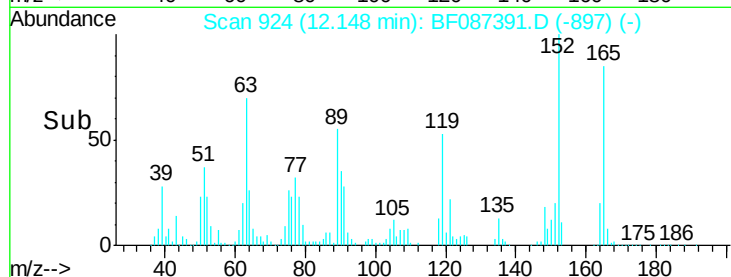
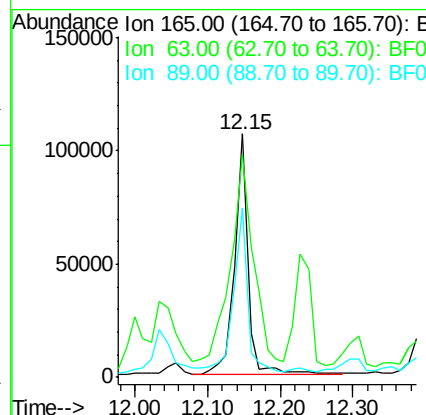
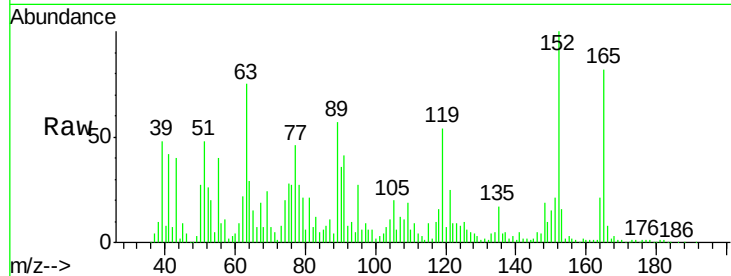
#50
2,6-Dinitrotoluene
Concen: 45.59 ng
RT: 12.15 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleID :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	139117		
63	91.8	51.8	77.8#	
89	69.5	50.7	76.1	

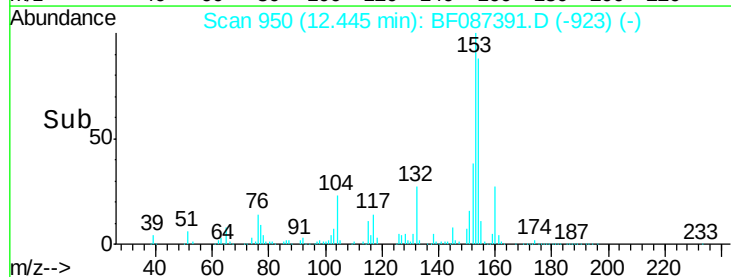
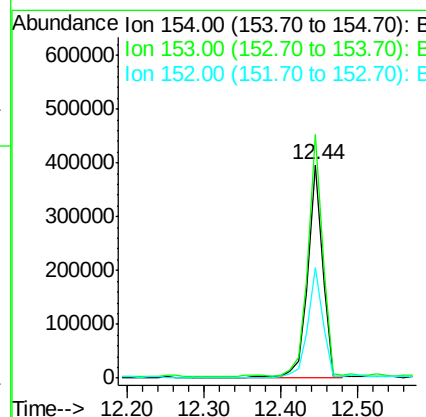
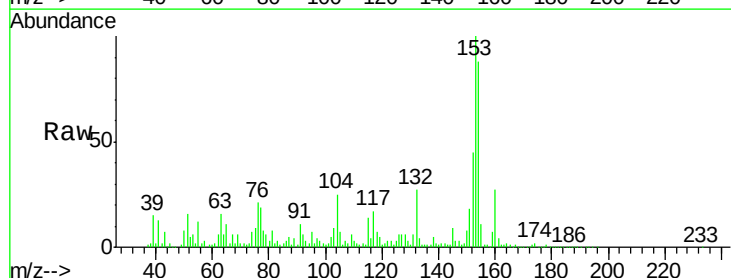
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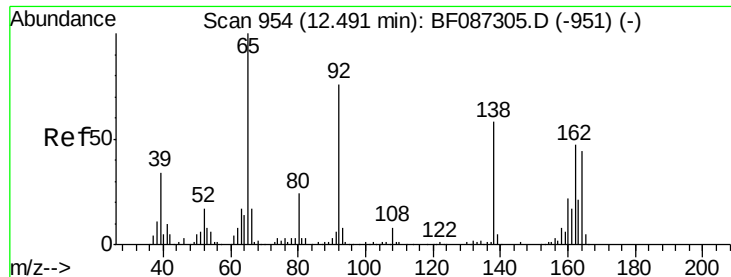
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#51
Acenaphthene
Concen: 44.71 ng
RT: 12.44 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	529857		
153	114.2	89.8	134.6	
152	51.8	43.4	65.0	





#52

3-Nitroaniline

Concen: 2.77 ng

RT: 12.36 min Scan# 943

Delta R.T. -0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampled :

DAY-1MSD

Tot Ion:138 Resp: 8680

Ion Ratio Lower Upper

138 100

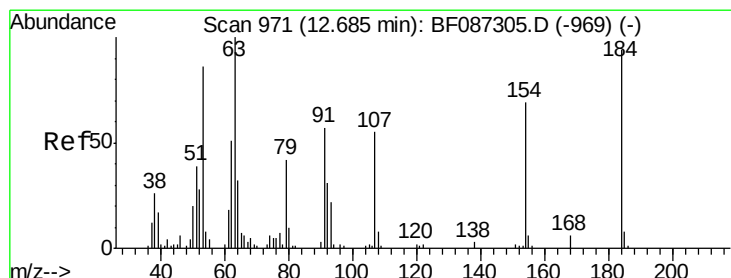
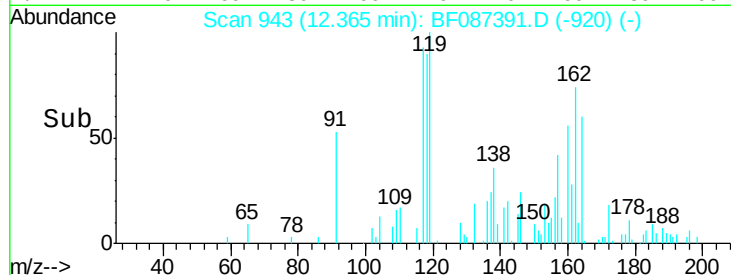
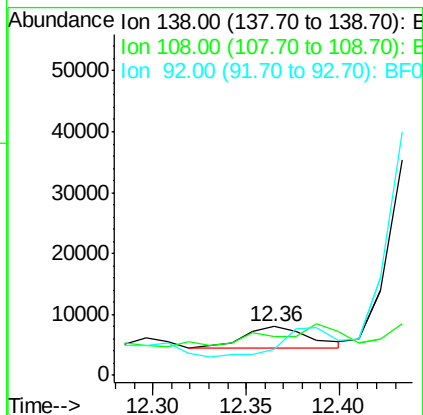
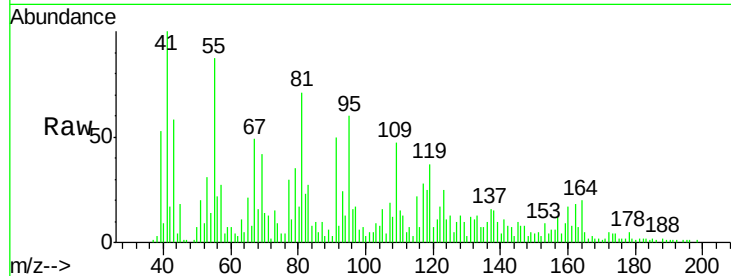
108 81.0 7.8 11.6#

92 53.1 87.8 131.8#

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#53

2,4-Dinitrophenol

Concen: 23.98 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

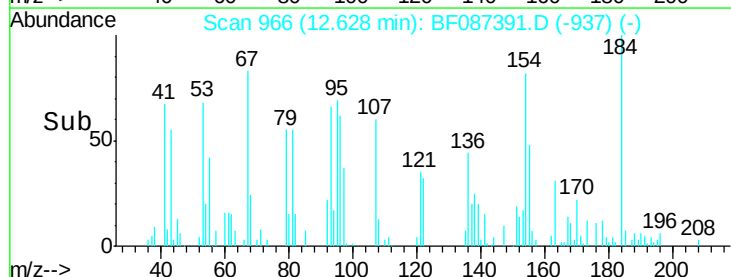
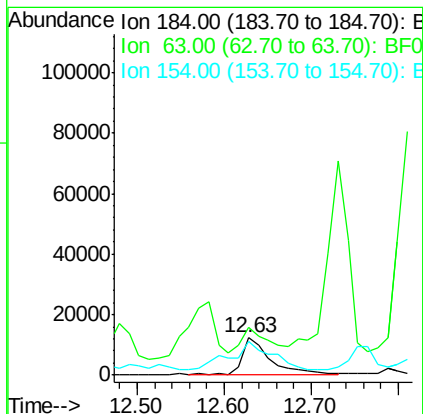
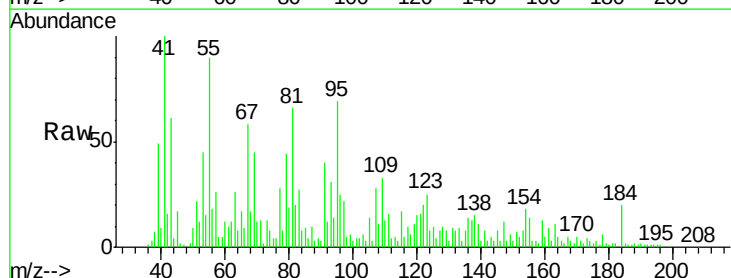
Tgt Ion:184 Resp: 29660

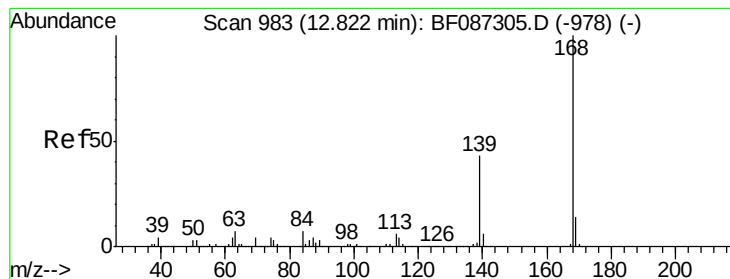
Ion Ratio Lower Upper

184 100

63 129.5 55.8 83.8#

154 90.3 62.4 93.6





#54

Dibenzofuran

Concen: 48.71 ng

RT: 12.74 min Scan# 976

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

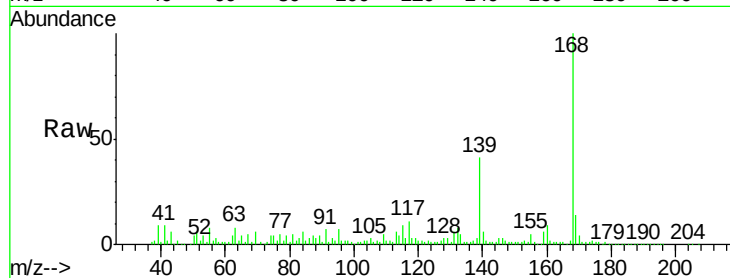
ClientSampled :

DAY-1MSD

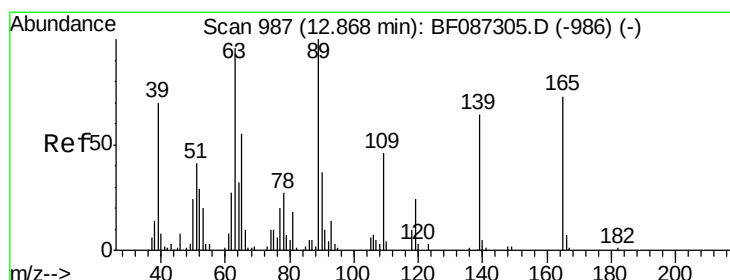
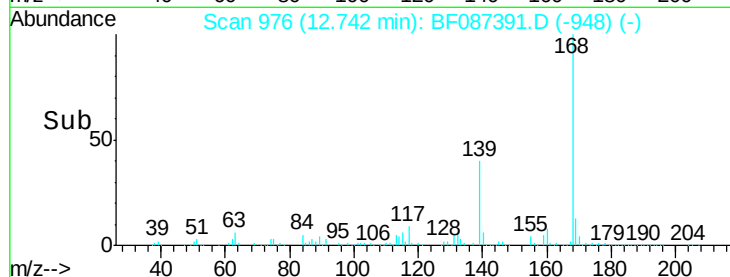
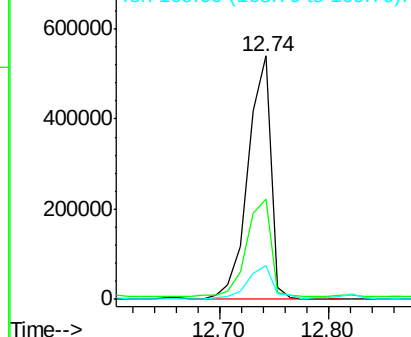
Tot Ion	Ratio	Resp	Lower	Upper
168	100	781529		
139	41.0		31.4	47.0
169	13.6		10.7	16.1

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 227.24 ng

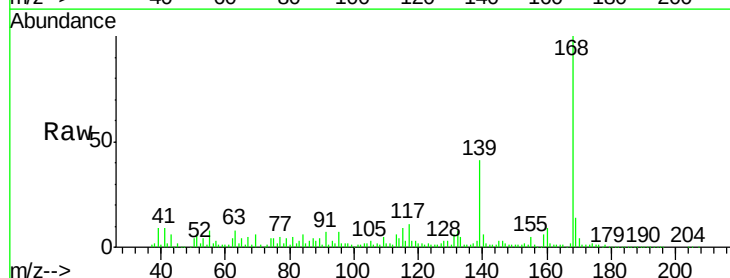
RT: 12.74 min Scan# 976

Delta R.T. -0.03 min

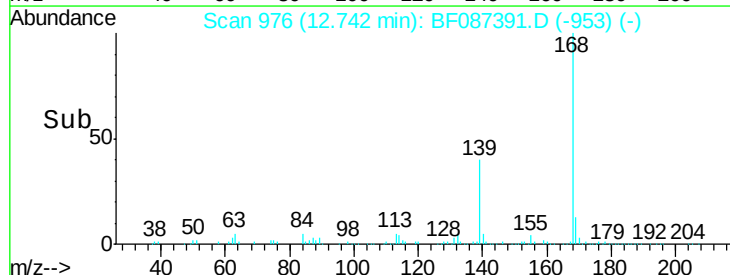
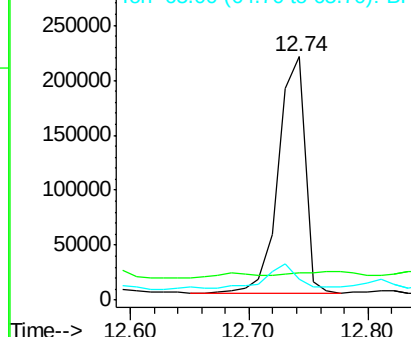
Lab File: BF087391.D

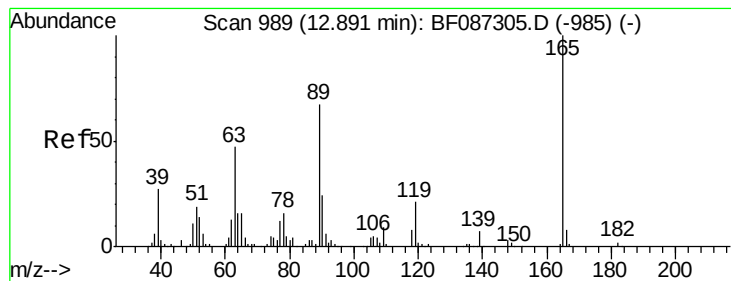
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	339493		
109	11.2		36.9	76.9#
65	8.5		64.0	104.0#



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





#56

2,4-Dinitrotoluene

Concen: 37.52 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

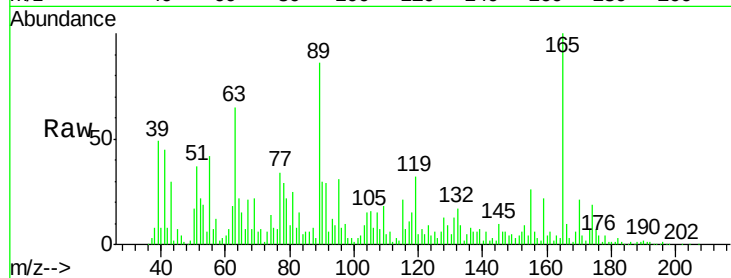
ClientSampleId :

DAY-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		153016		
63	65.1	44.3	66.5		
89	85.6	70.0	105.0		
182	2.5	1.8	2.6		

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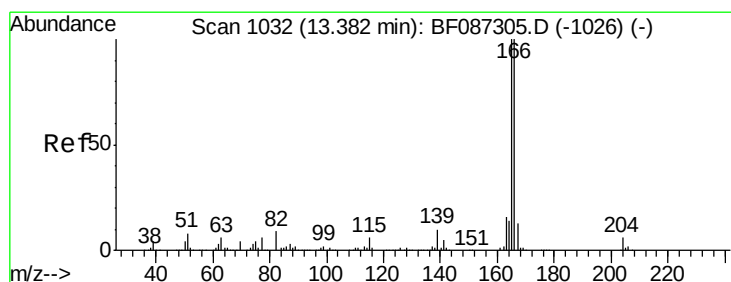
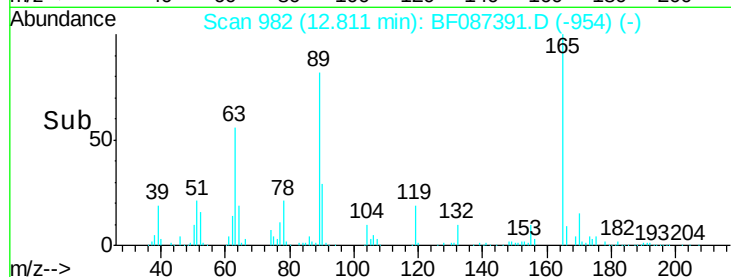
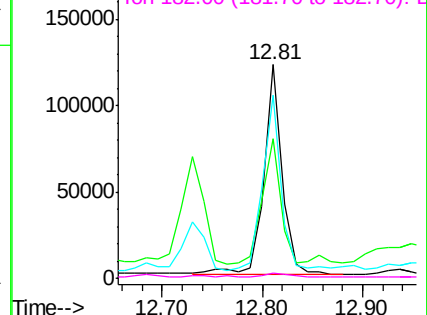


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 45.96 ng

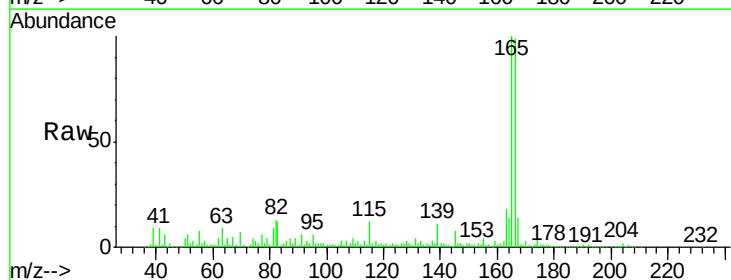
RT: 13.29 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

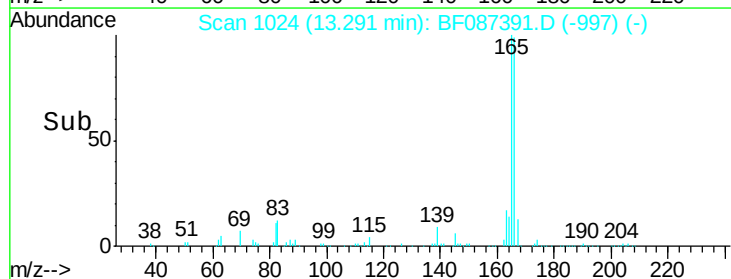
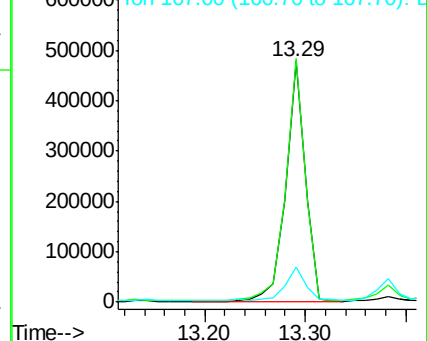
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		639405		
165	101.2	79.0	118.6		
167	14.3	10.6	15.8		

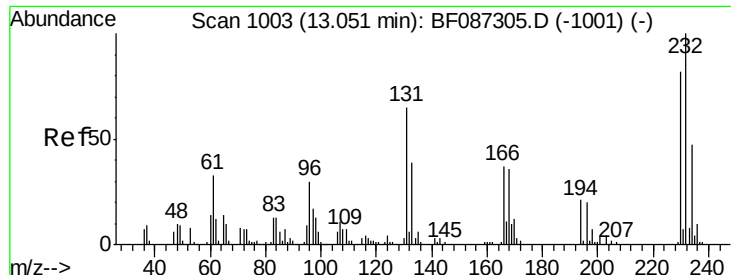


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





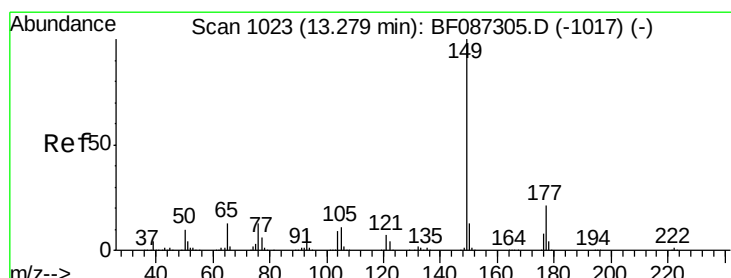
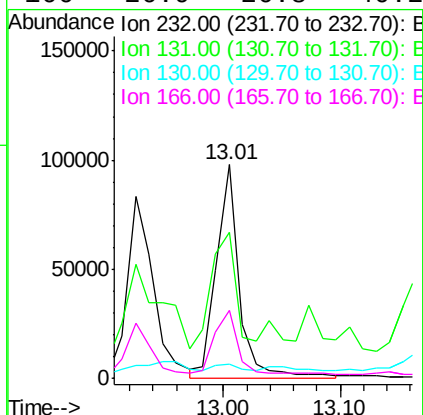
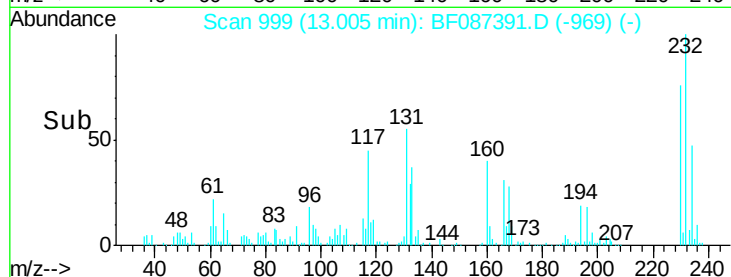
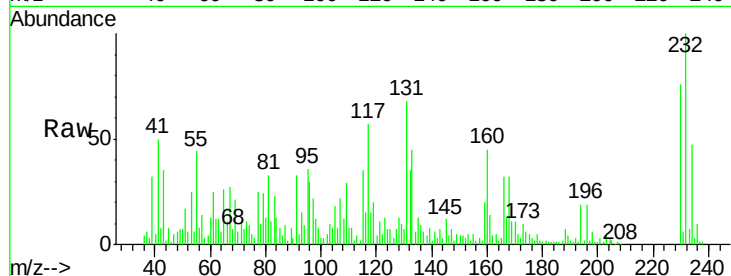
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.38 ng/ml
 RT: 13.01 min Scan# 999
 Delta R.T. 0.05 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampled :
 DAY-1MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	71.4	41.9	62.9#
130	0.0	2.2	3.4#
166	26.9	26.8	40.2

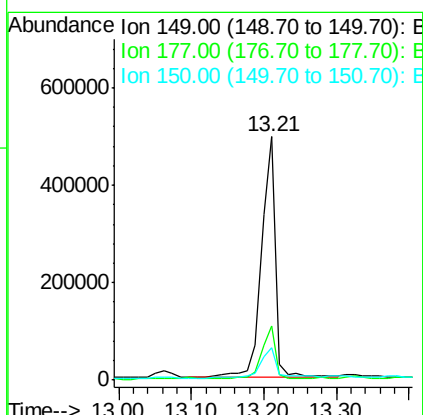
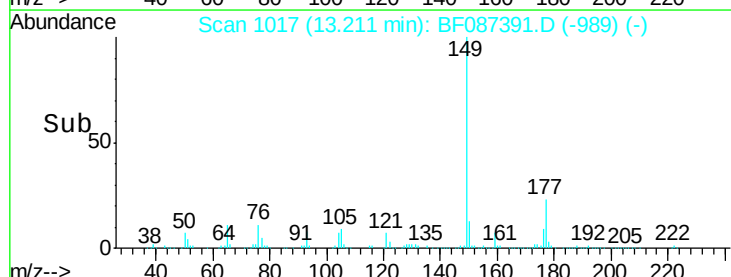
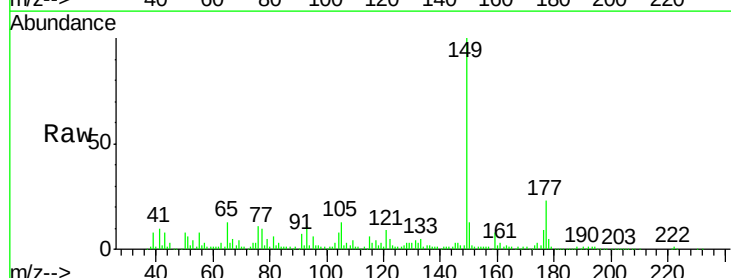
Manual Integrations
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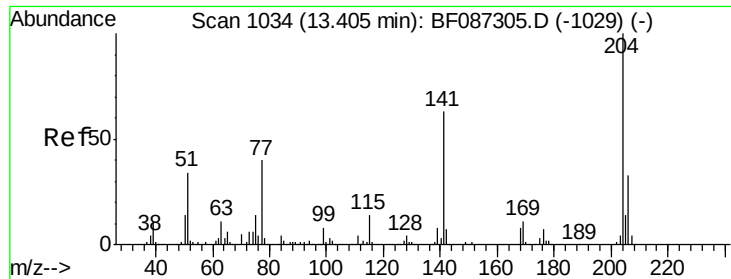
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#59
 Diethylphthalate
 Concen: 46.05 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.5	16.6	24.8
150	13.3	10.0	15.0





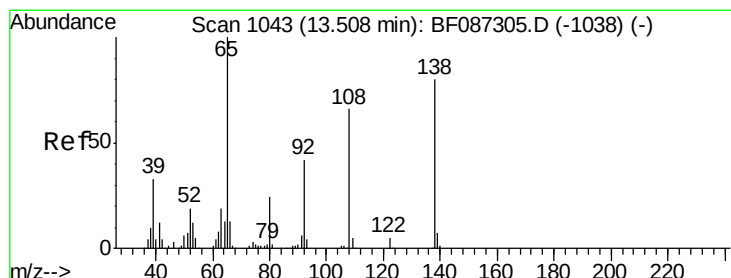
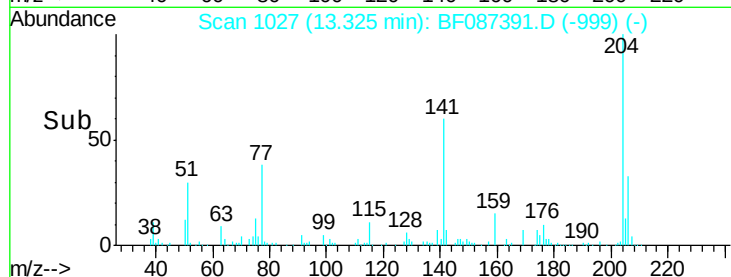
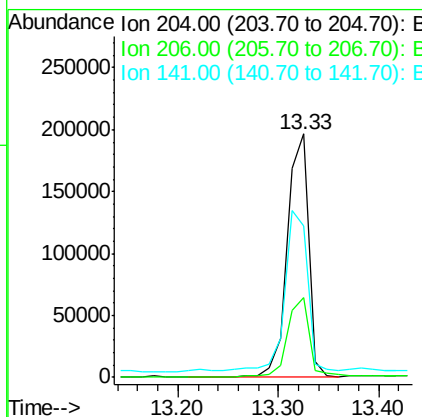
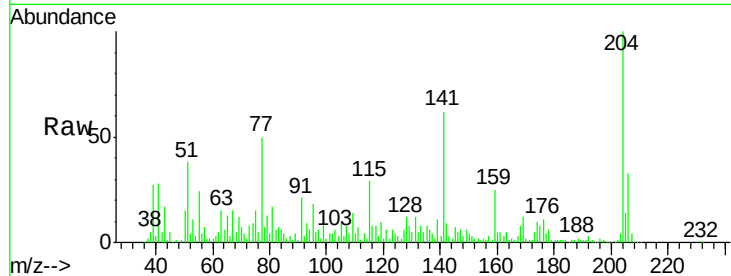
#60
 4-Chlorophenyl-phenylether
 Concen: 42.14 ng
 RT: 13.33 min Scan# 1027
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampled :
 DAY-1MSD

Tot Ion:	204	Resp:	285888
Ion Ratio	Lower	Upper	
204	100		
206	33.0	25.4	38.0
141	62.2	61.6	92.4

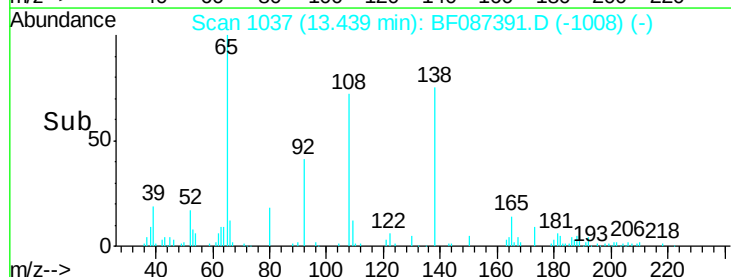
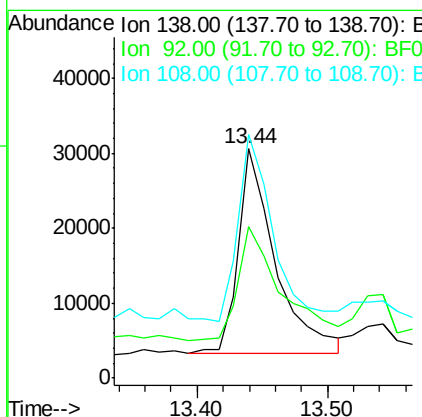
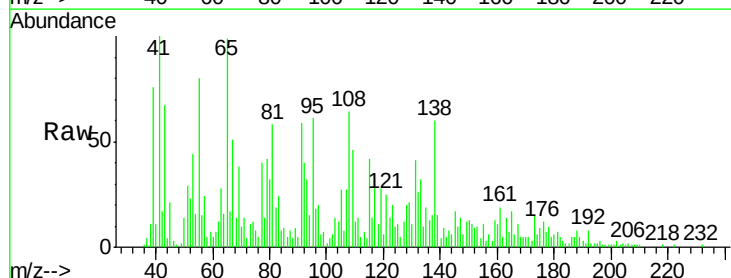
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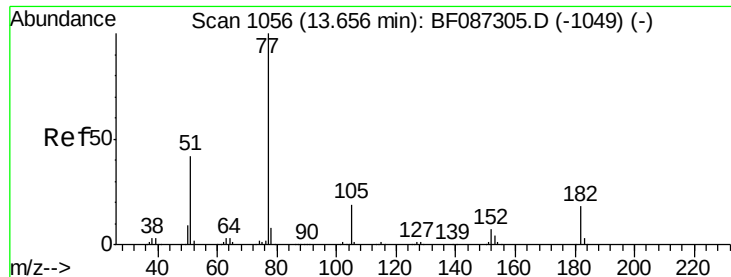
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#61
 4-Nitroaniline
 Concen: 18.38 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. 0.03 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion:	138	Resp:	53726
Ion Ratio	Lower	Upper	
138	100		
92	65.9	24.7	64.7#
108	106.2	37.4	77.4#





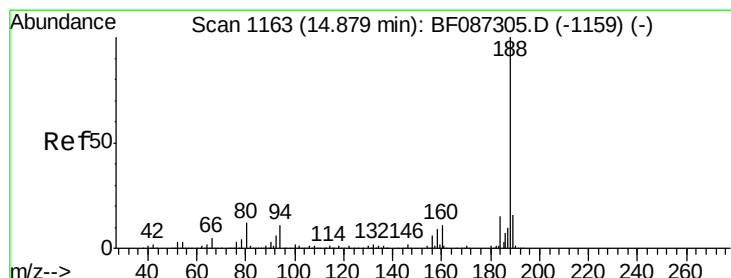
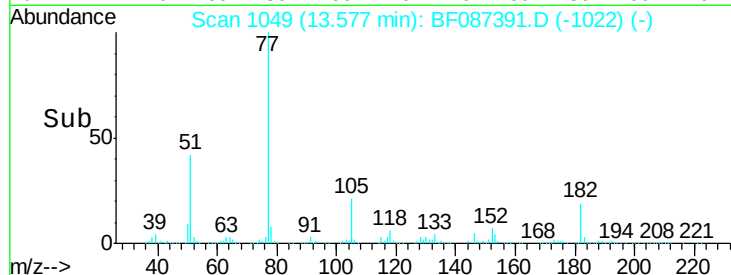
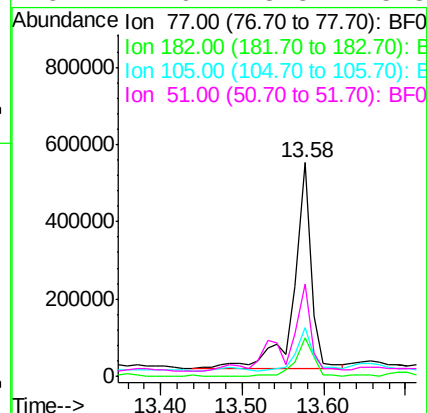
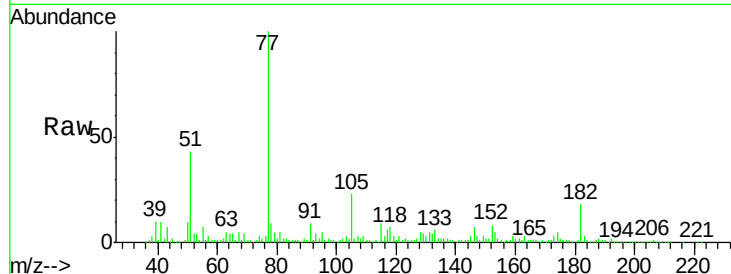
#62
Azobenzene
Concen: 51.06 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	77	100	779967		
182	182	18.2	0.0	38.8	
105	105	22.8	3.2	43.2	
51	51	42.9	8.8	48.8	

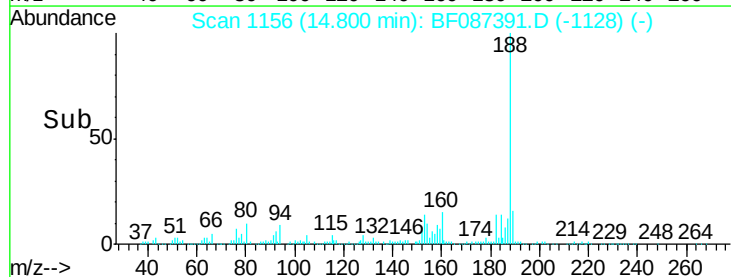
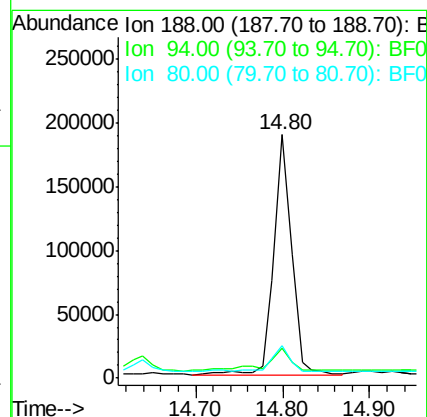
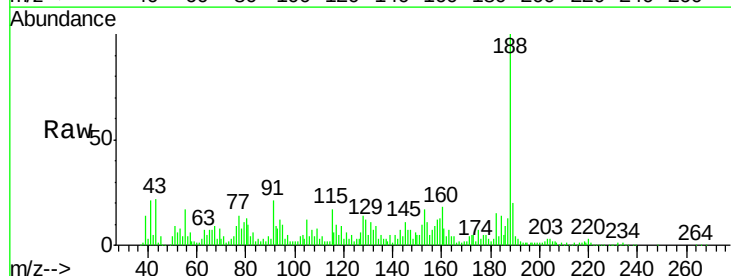
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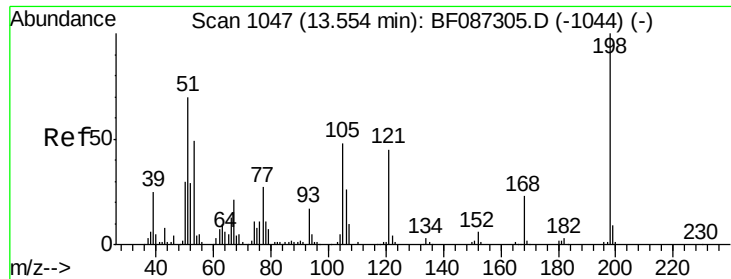
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	188	100	267791		
94	94	12.2	6.8	10.2#	
80	80	13.1	7.1	10.7#	





#64

4,6-Dinitro-2-methylphenol

Concen: 11.93 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

Tot Ion:198 Resp: 20314

Ion Ratio Lower Upper

198 100

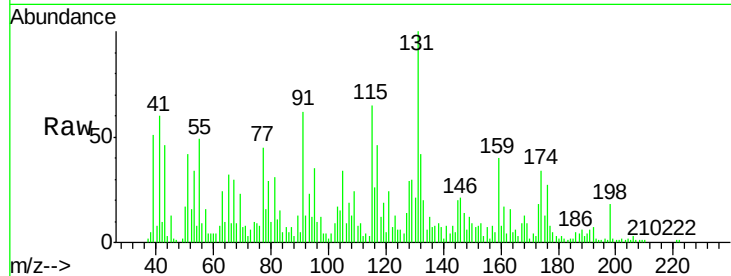
51 239.9 20.5 60.5#

105 192.2 24.5 64.5#

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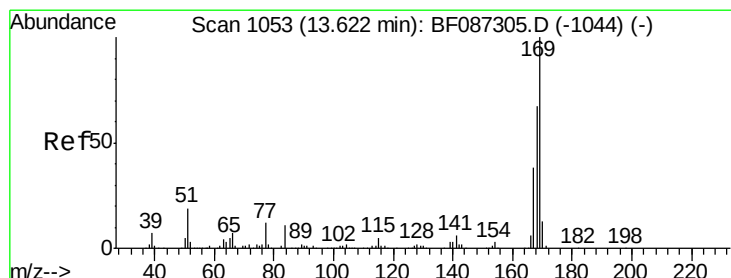
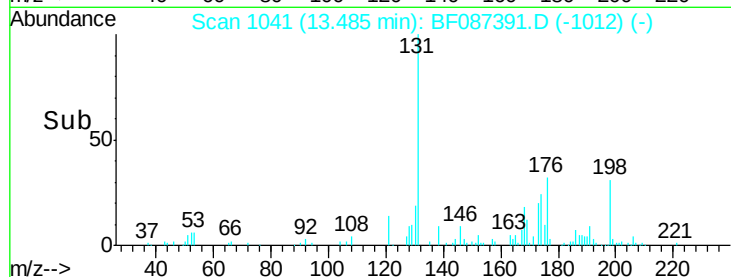
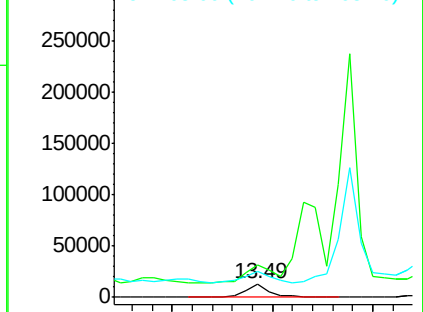
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 58.34 ng

RT: 13.54 min Scan# 1046

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

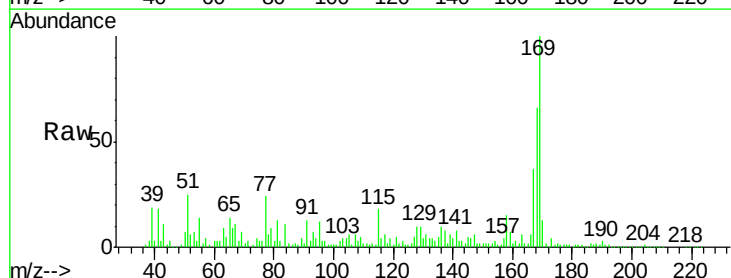
Tgt Ion:169 Resp: 505273

Ion Ratio Lower Upper

169 100

168 66.3 53.8 80.6

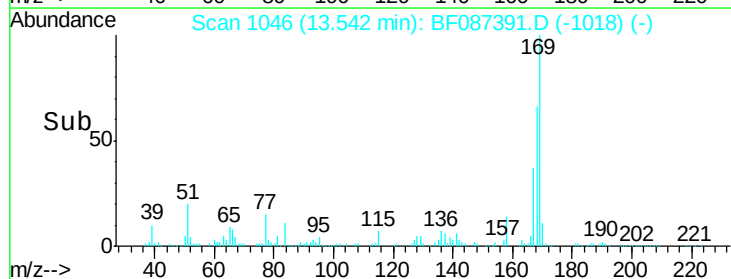
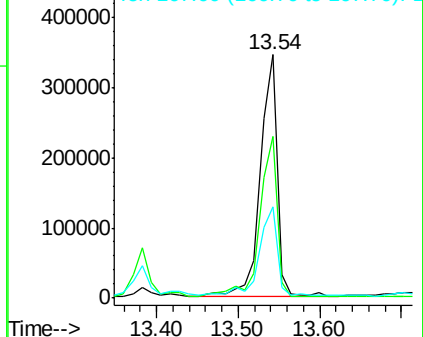
167 37.4 29.5 44.3

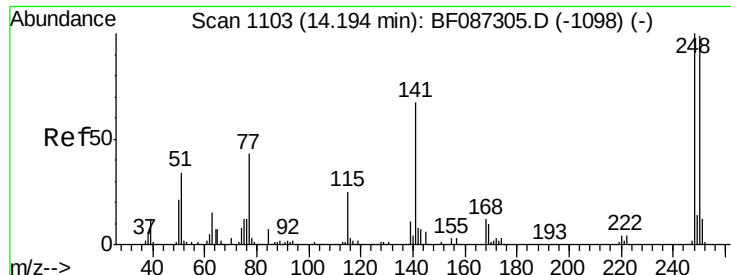


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





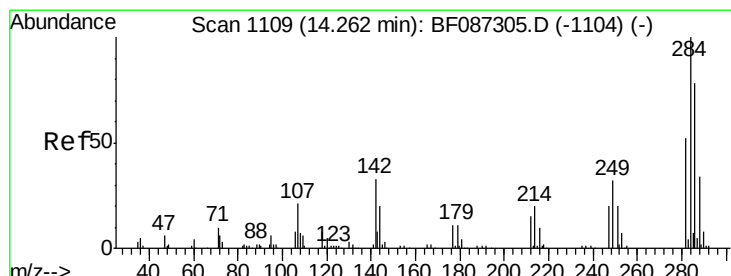
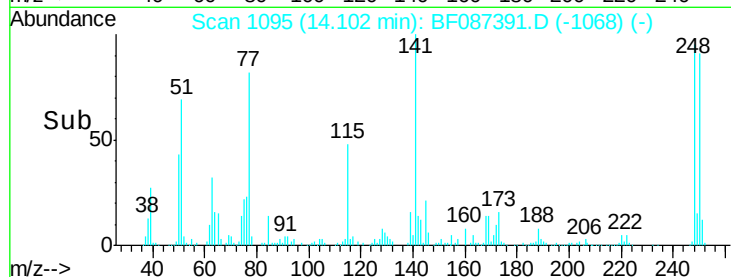
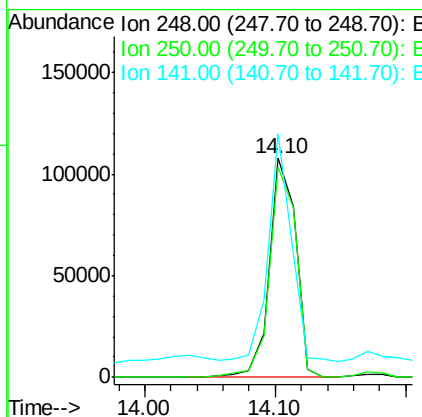
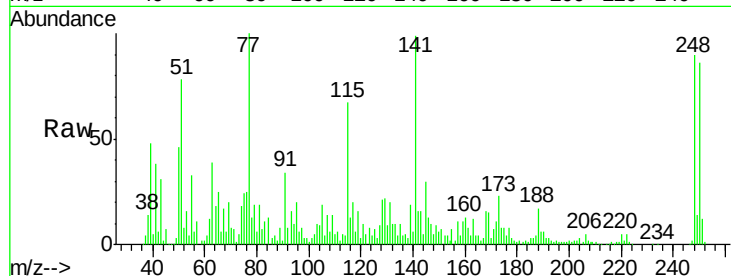
#66
4-Bromophenyl-phenylether
Concen: 52.25 ng
RT: 14.10 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampled :
DAY-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.9	78.6	117.8	
141	111.1	76.0	114.0	

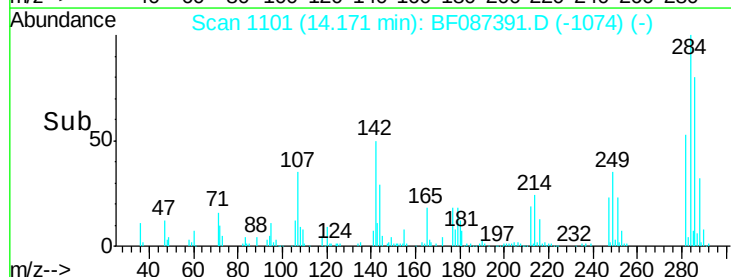
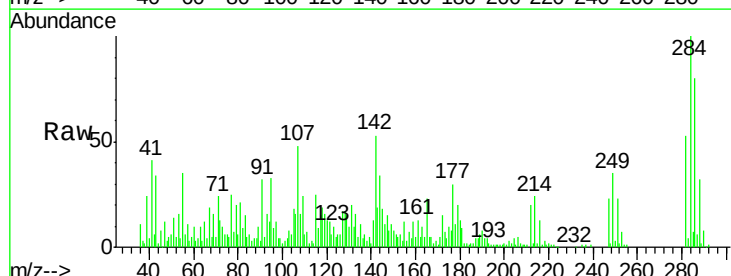
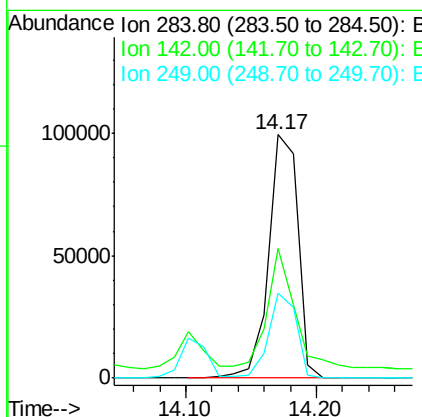
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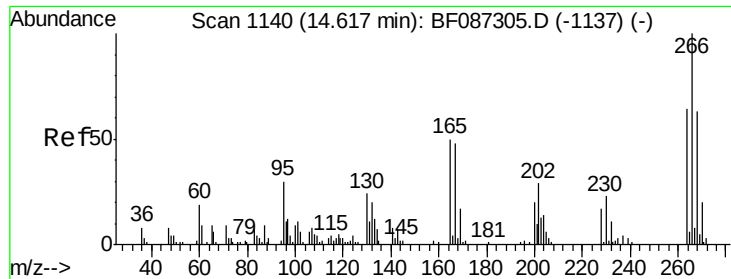
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#67
Hexachlorobenzene
Concen: 51.11 ng
RT: 14.17 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
284	100			
142	53.1	16.7	25.1#	
249	34.9	21.3	31.9#	





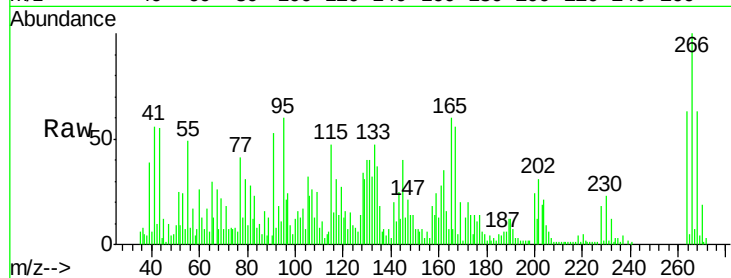
#69
 Pentachlorophenol
 Concen: 170.74 ng
 RT: 14.56 min Scan# 1135
 Delta R.T. 0.05 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampled :
 DAY-1MSD

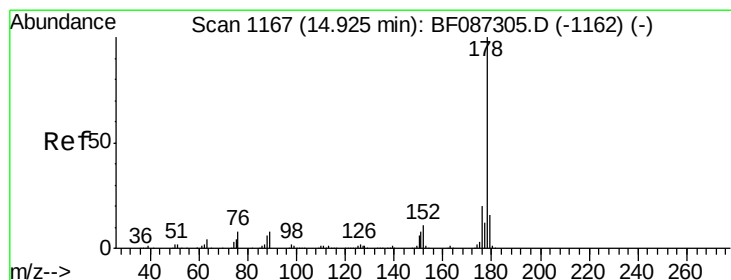
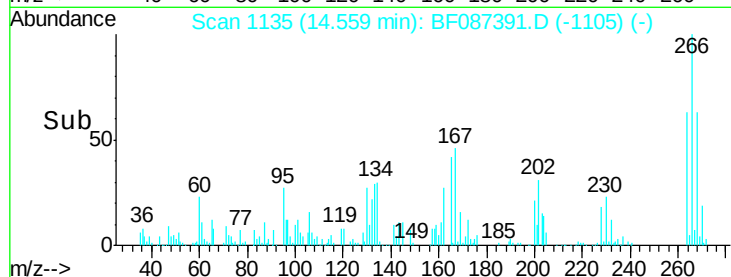
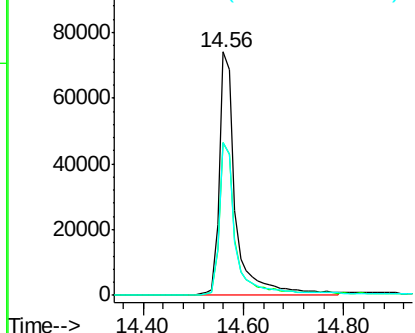
Tot Ion	Ratio	Resp	Lower	Upper
266	100	169824		
268	62.7	51.5	77.3	
264	62.8	52.9	79.3	

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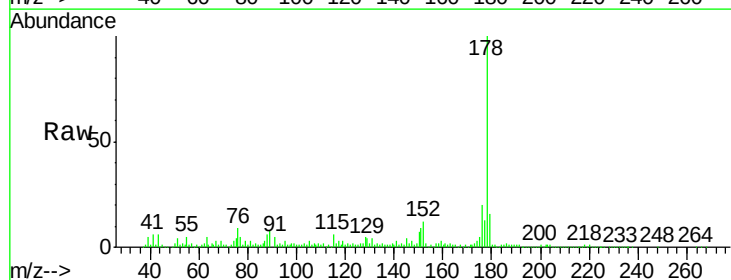


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

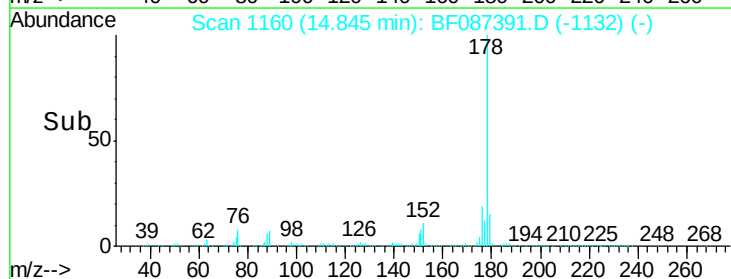
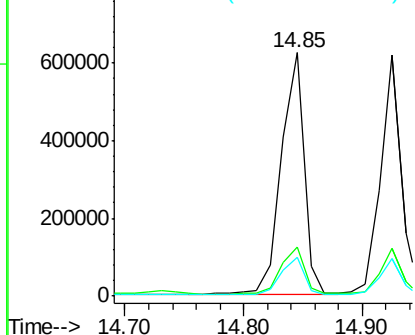


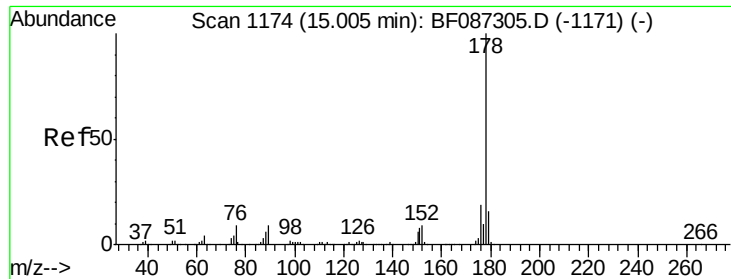
#70
 Phenanthrene
 Concen: 55.51 ng
 RT: 14.85 min Scan# 1160
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	823373		
176	20.2	16.0	24.0	
179	15.8	12.6	18.8	



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





#71

Anthracene

Concen: 49.39 ng

RT: 14.93 min Scan# 1167

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

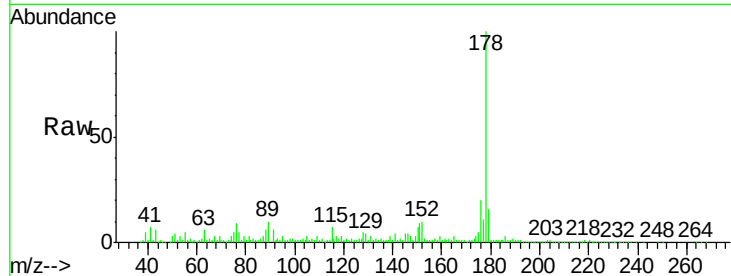
ClientSampleId :

DAY-1MSD

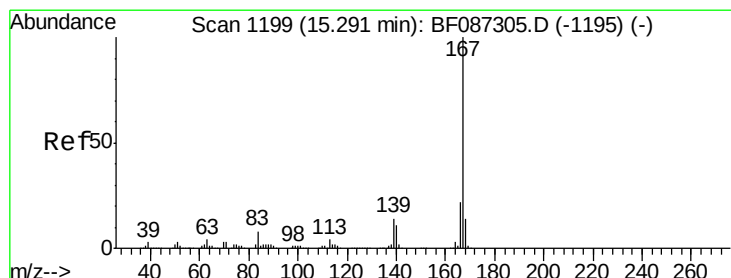
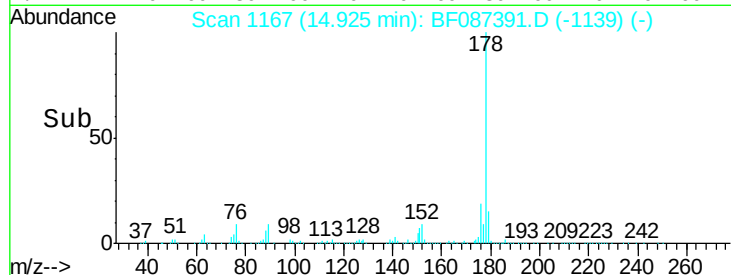
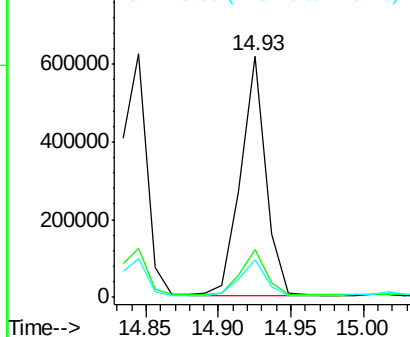
Tot Ion:	178	Resp:	740026
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.6	23.4
179	15.8	12.7	19.1

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



#72

Carbazole

Concen: 52.07 ng

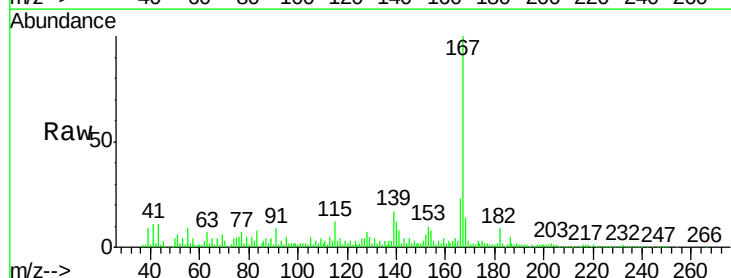
RT: 15.25 min Scan# 1195

Delta R.T. 0.06 min

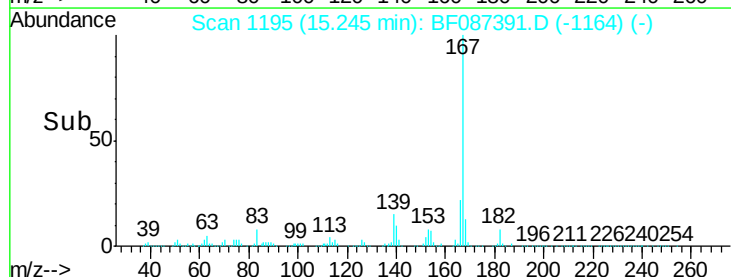
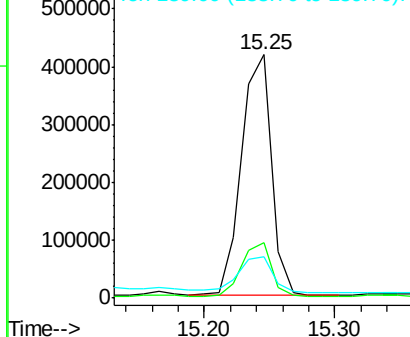
Lab File: BF087391.D

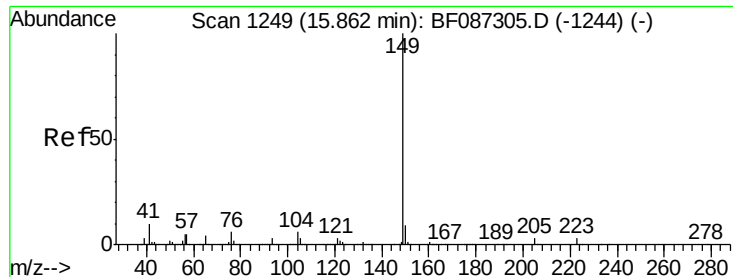
Acq: 26 May 2016 2:29

Tgt Ion:	167	Resp:	665432
Ion Ratio	Lower	Upper	
167	100		
166	22.7	17.7	26.5
139	17.2	10.8	16.2#



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





#73

Di-n-butylphthalate

Concen: 50.23 ng

RT: 15.81 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

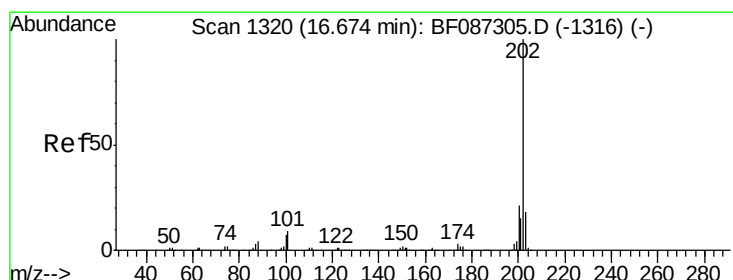
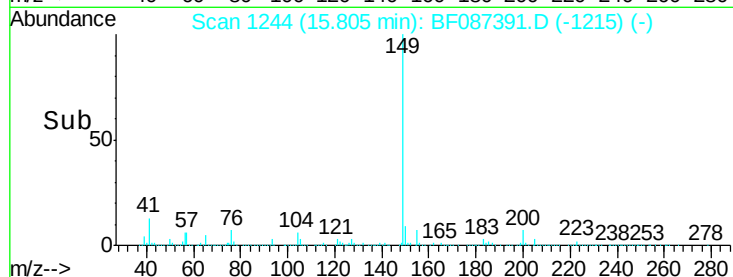
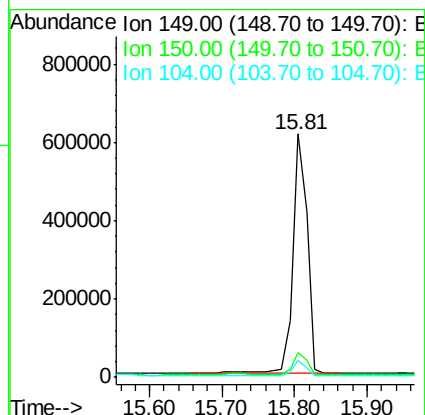
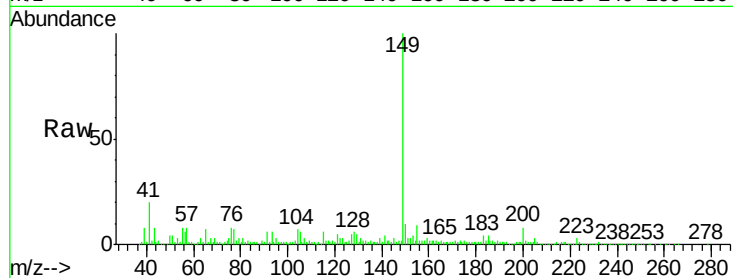
ClientSampleId :

DAY-1MSD

Tot Ion:	149	Resp:	830174
Ion Ratio	Lower	Upper	
149	100		
150	10.4	7.6	11.4
104	6.9	3.8	5.6#

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#74

Fluoranthene

Concen: 49.41 ng

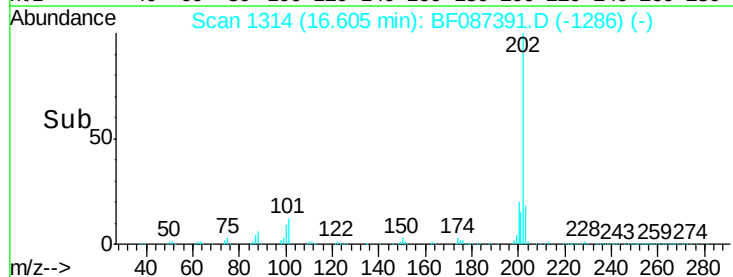
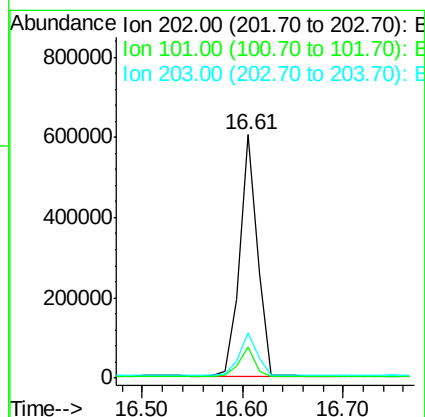
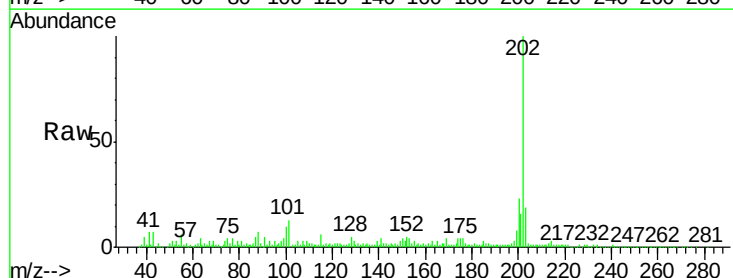
RT: 16.61 min Scan# 1314

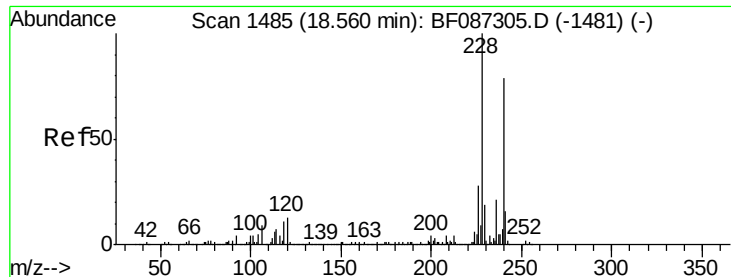
Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:	202	Resp:	734912
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	35.4
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

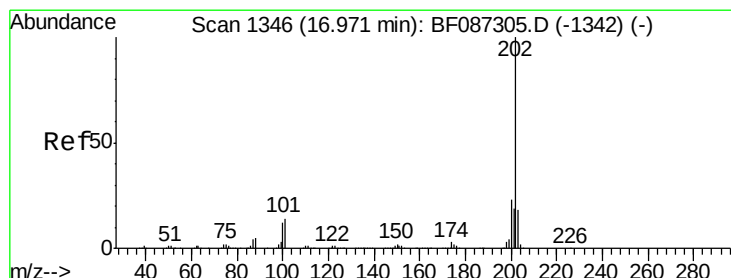
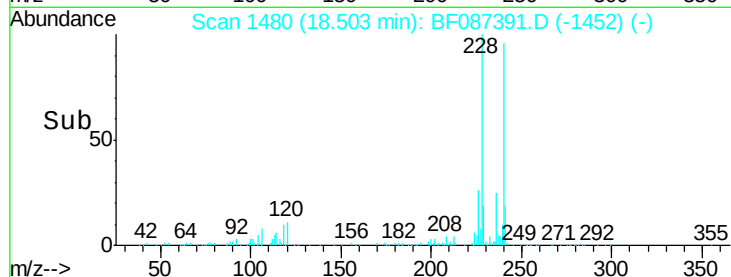
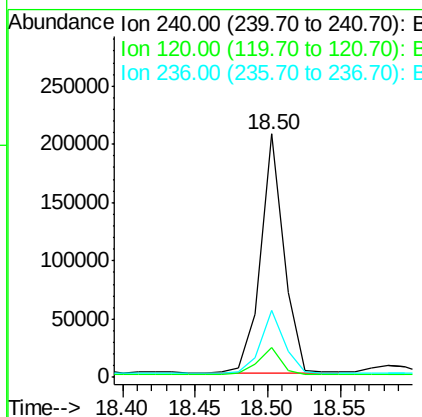
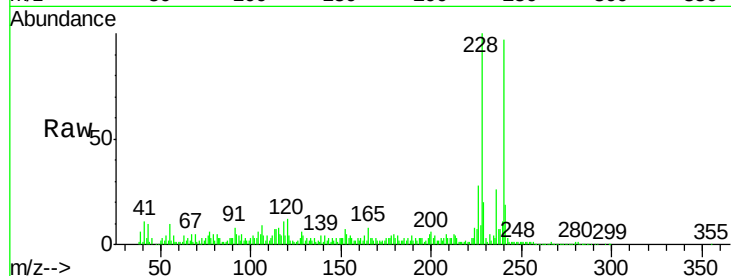
ClientSampled :

DAY-1MSD

Tot Ion:	240	Resp:	228365
Ion Ratio	Lower	Upper	
240	100		
120	12.5	11.2	16.8
236	27.4	21.2	31.8

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#77

Pyrene

Concen: 47.50 ng

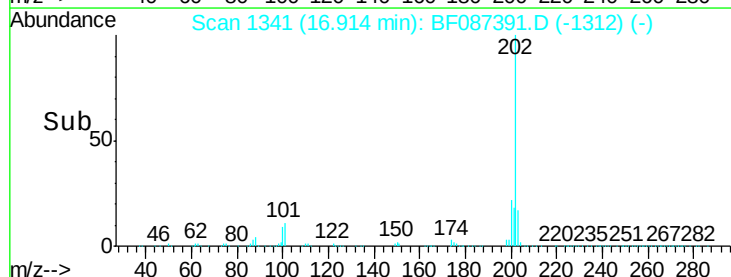
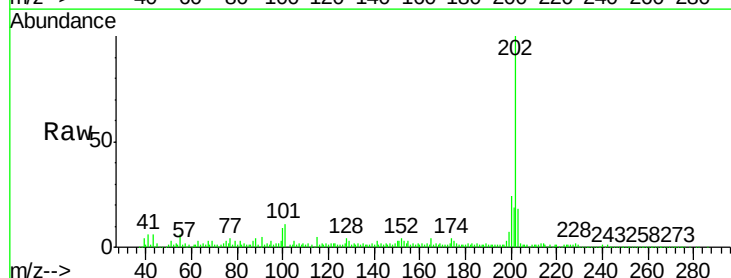
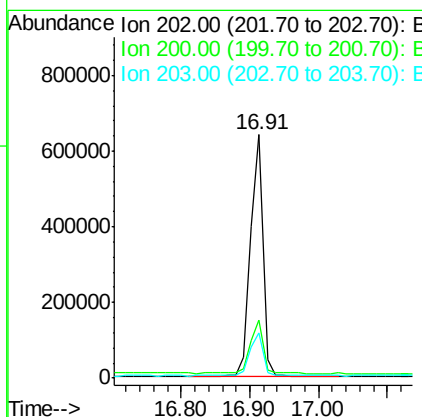
RT: 16.91 min Scan# 1341

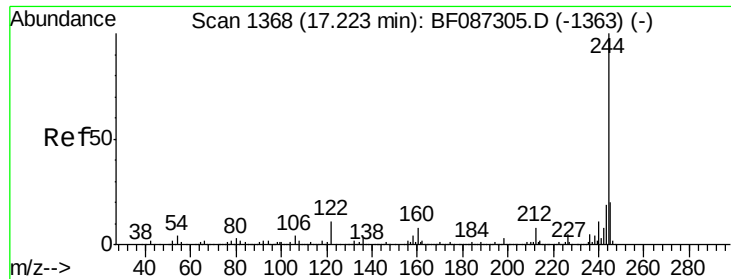
Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion:	202	Resp:	780870
Ion Ratio	Lower	Upper	
202	100		
200	23.6	17.7	26.5
203	18.3	14.2	21.4





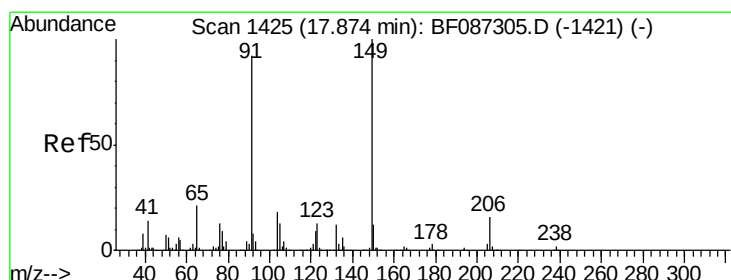
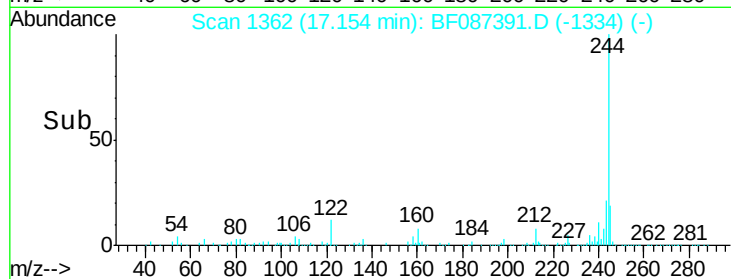
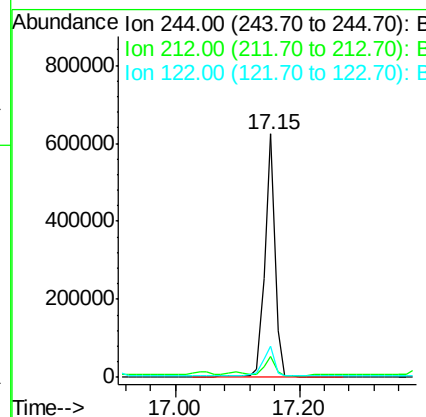
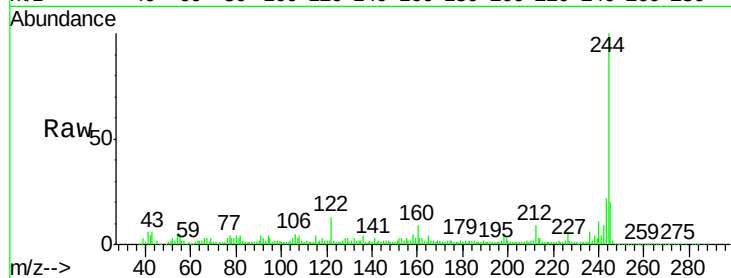
#78
 Terphenyl-d14
 Concen: 65.04 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	8.6	6.2	9.2
122	12.9	12.0	18.0

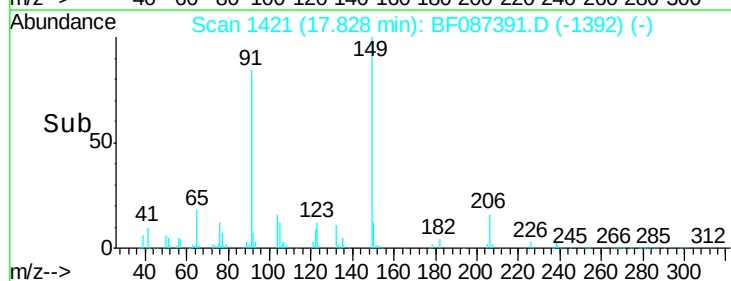
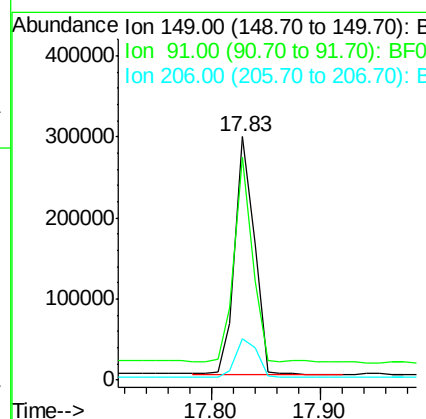
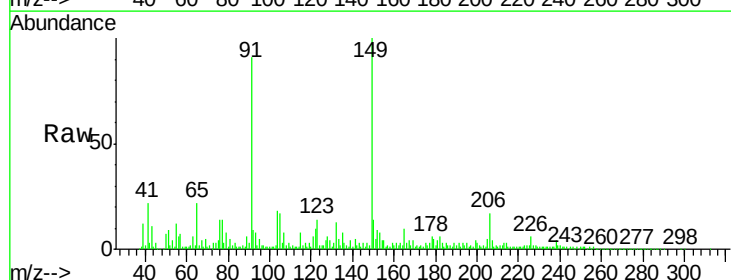
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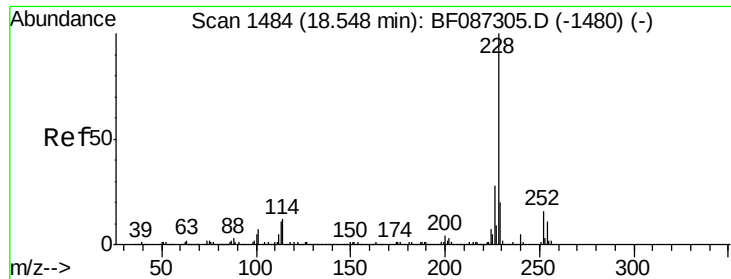
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#79
 Butylbenzylphthalate
 Concen: 49.39 ng
 RT: 17.83 min Scan# 1421
 Delta R.T. 0.03 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	91.4	48.0	72.0#
206	17.0	15.8	23.6





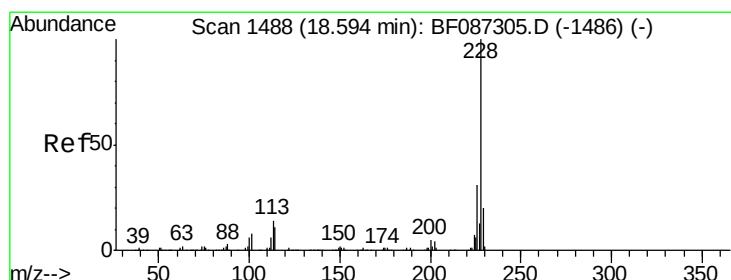
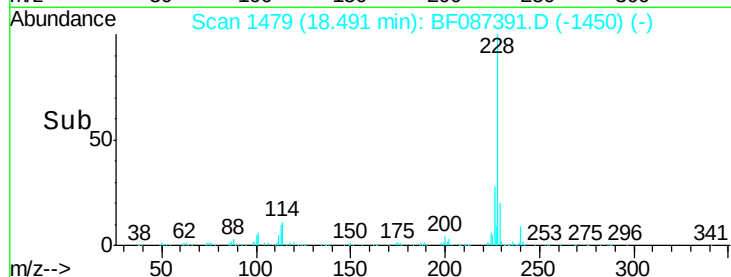
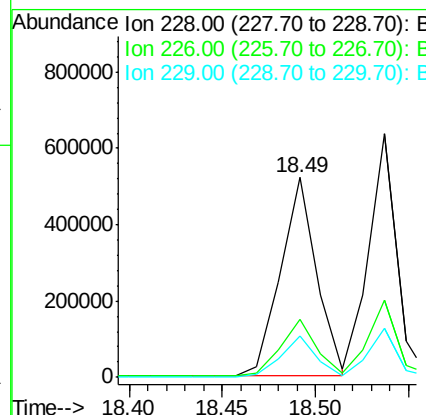
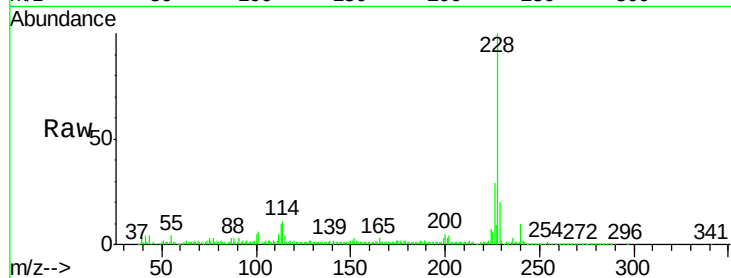
#80
Benzo(a)anthracene
Concen: 53.64 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	20.4	16.6	25.0

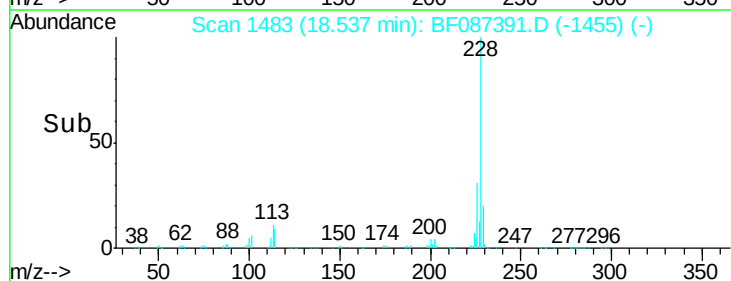
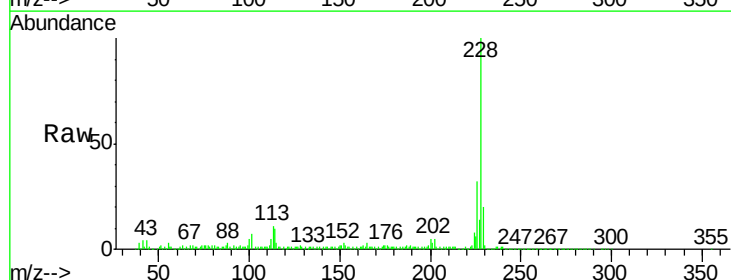
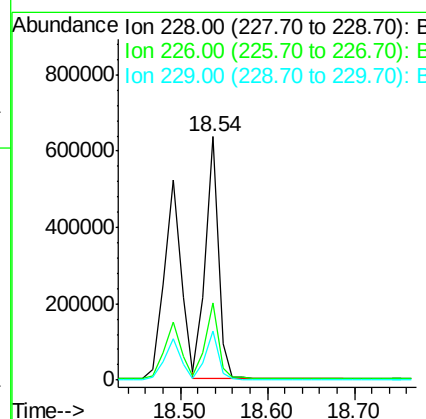
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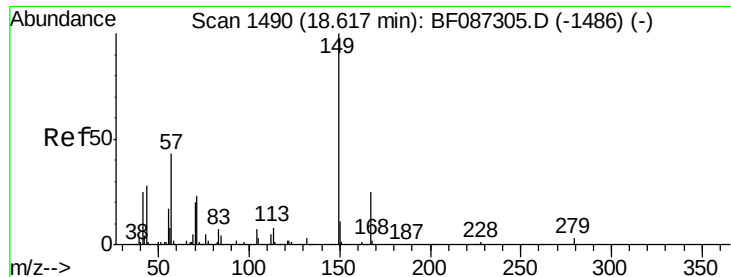
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#82
Chrysene
Concen: 50.70 ng
RT: 18.54 min Scan# 1483
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	19.9	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.24 ng

RT: 18.56 min Scan# 1485

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

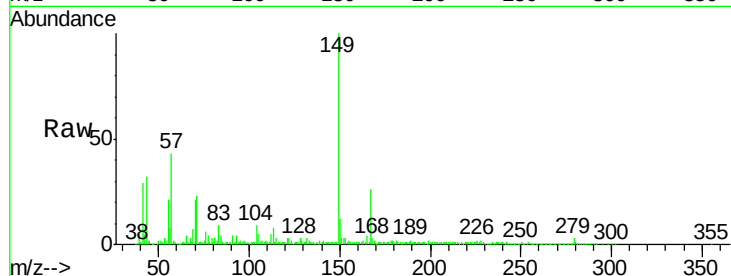
ClientSampleId :

DAY-1MSD

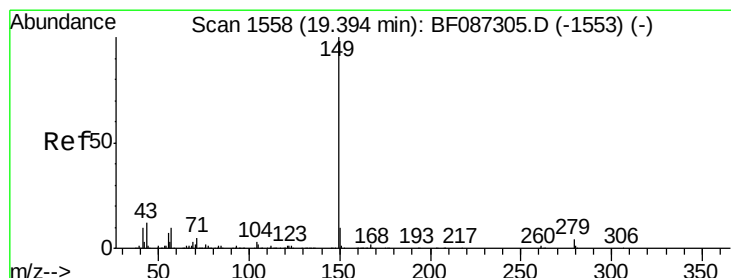
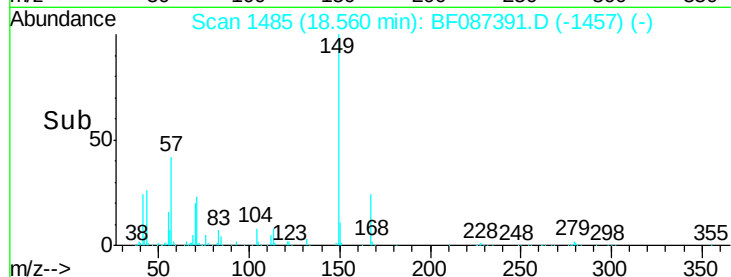
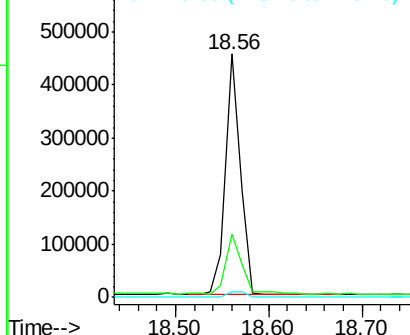
Tot Ion:	149	Resp:	502513
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.8	32.6
279	2.5	2.6	4.0#

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



#84

Di-n-octyl phthalate

Concen: 52.76 ng

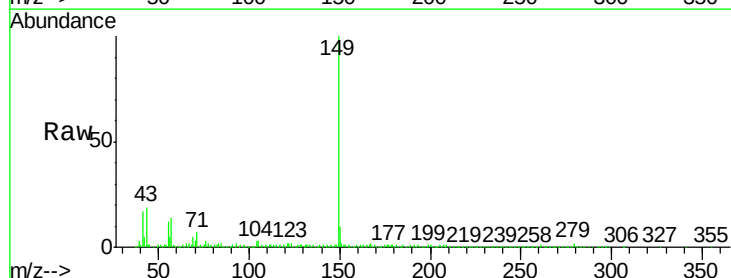
RT: 19.33 min Scan# 1552

Delta R.T. 0.01 min

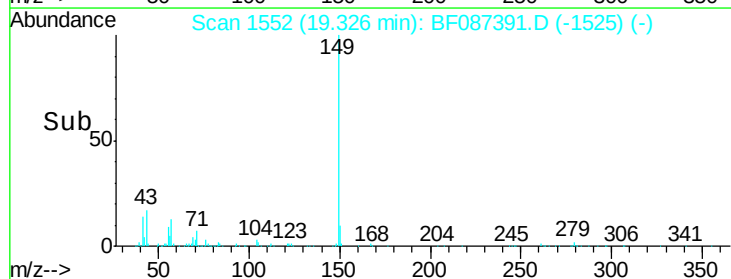
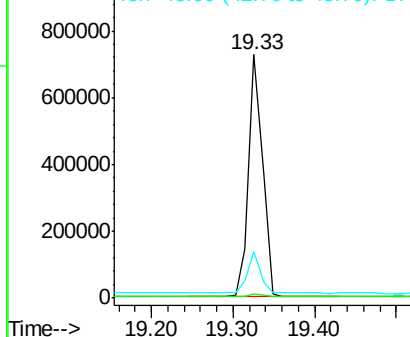
Lab File: BF087391.D

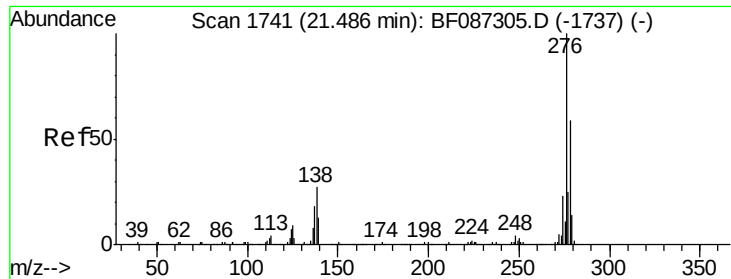
Acq: 26 May 2016 2:29

Tgt Ion:	149	Resp:	855815
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	16.1	8.2	12.4#



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





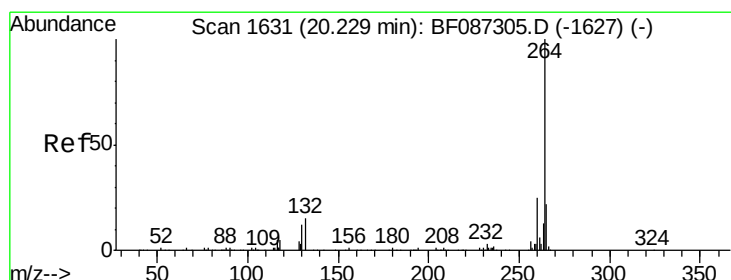
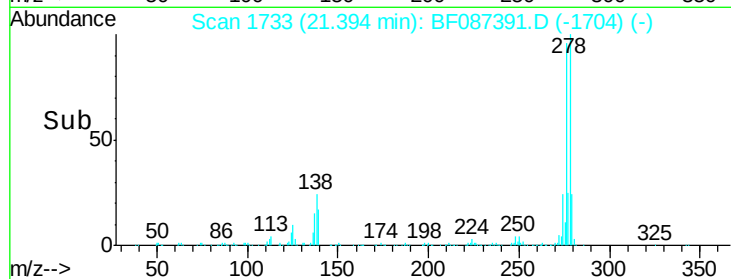
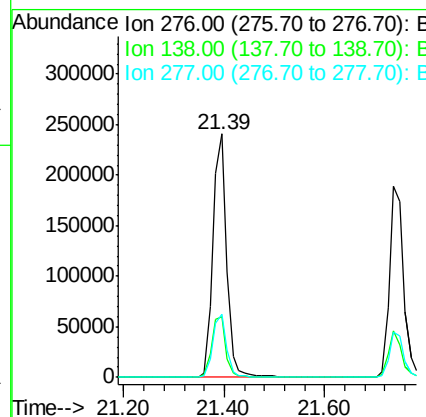
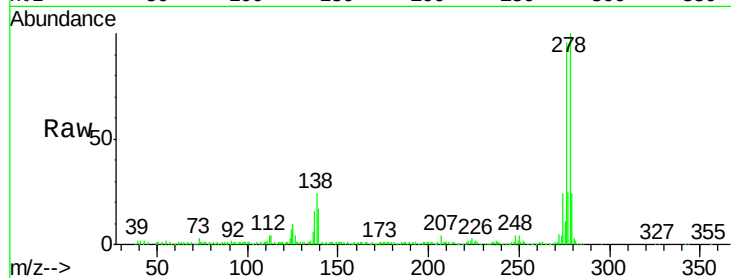
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.46 ng
 RT: 21.39 min Scan# 1733
 Delta R.T. 0.03 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Instrument :
 BNA_F
 ClientSampleId :
 DAY-1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.6	38.4#
277	26.1	20.5	30.7

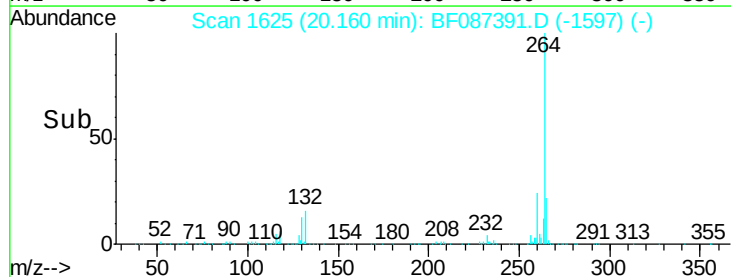
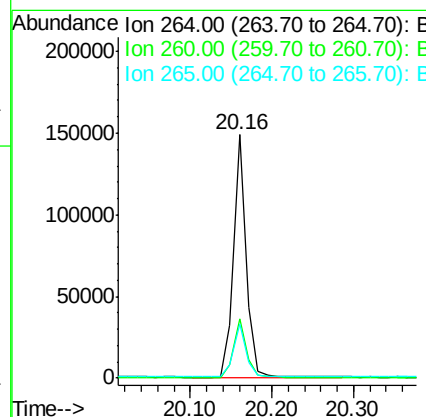
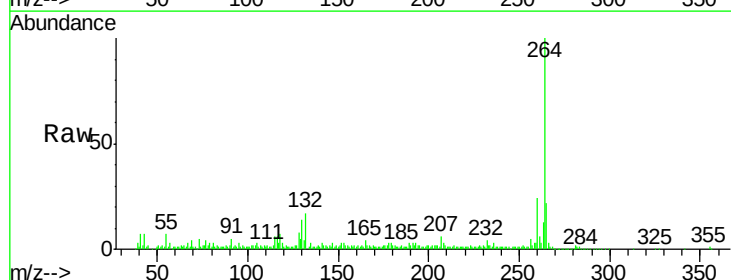
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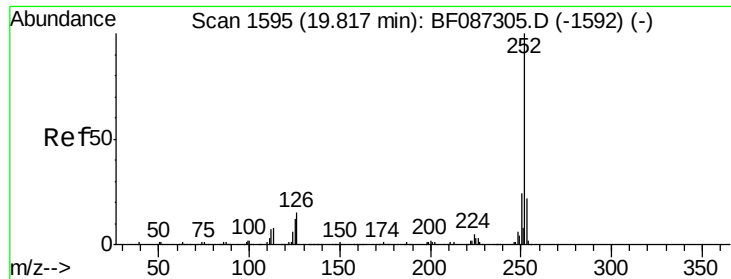
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.16 min Scan# 1625
 Delta R.T. 0.02 min
 Lab File: BF087391.D
 Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 58.80 ng m

RT: 19.76 min Scan# 1590

Delta R.T. 0.03 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

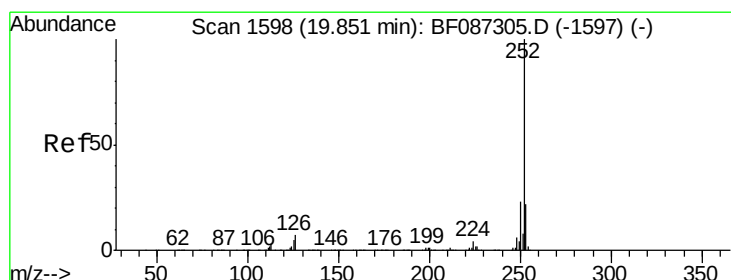
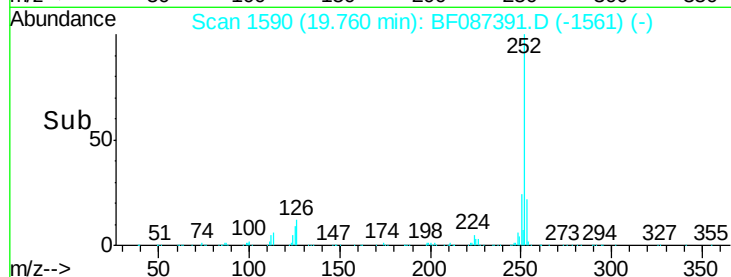
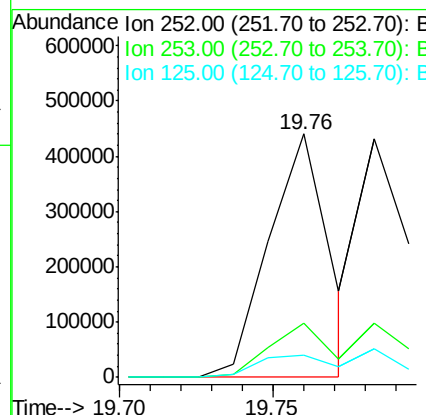
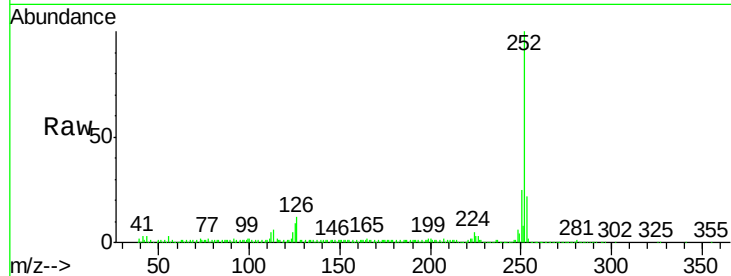
ClientSampled :

DAY-1MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.8	26.6
125	9.2	11.4	17.0

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#88

Benzo(k)fluoranthene

Concen: 55.80 ng m

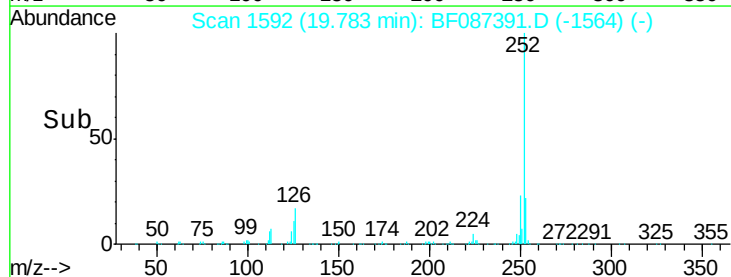
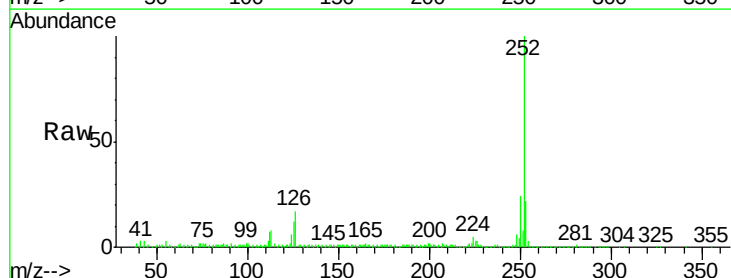
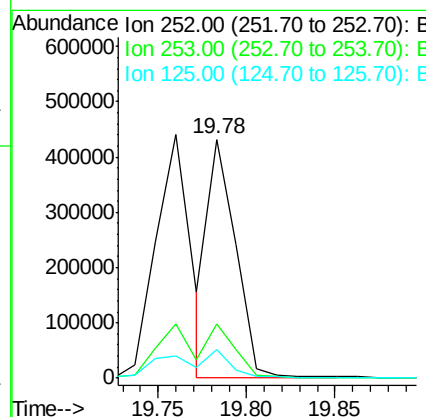
RT: 19.78 min Scan# 1592

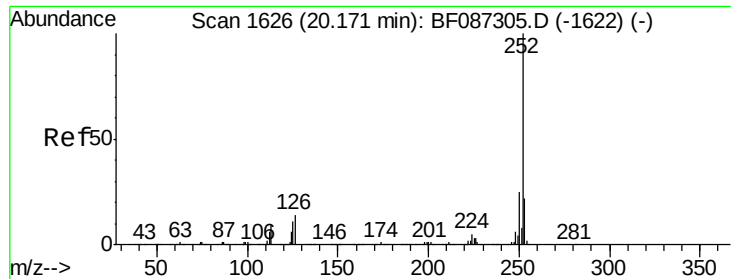
Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.9	9.1	13.7





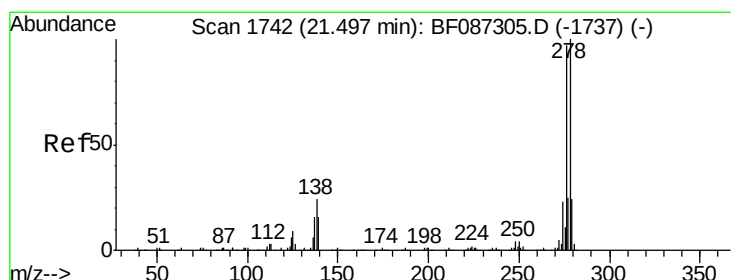
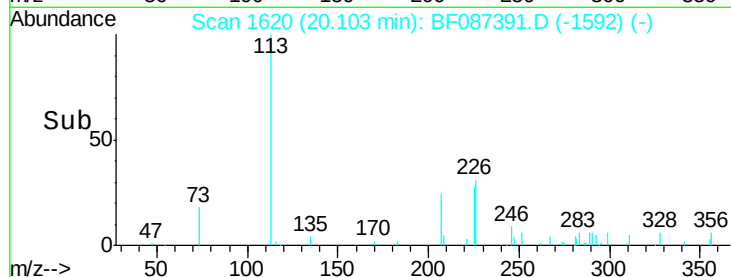
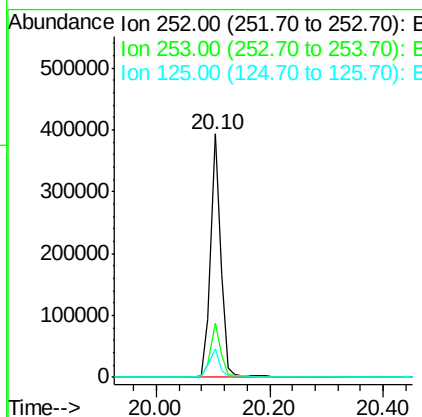
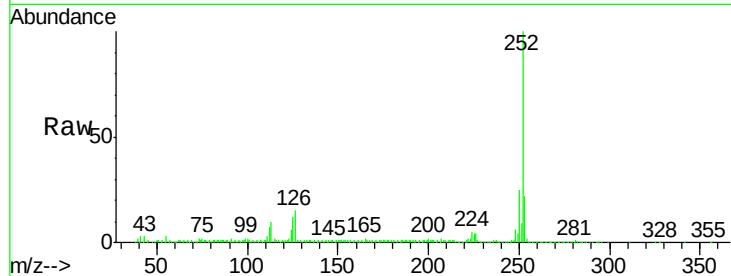
#89
Benzo(a)pyrene
Concen: 53.43 ng
RT: 20.10 min Scan# 1620
Delta R.T. 0.02 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Instrument :
BNA_F
ClientSampleId :
DAY-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.0	9.0	13.6

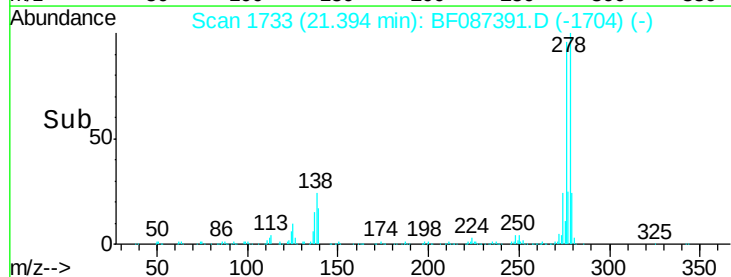
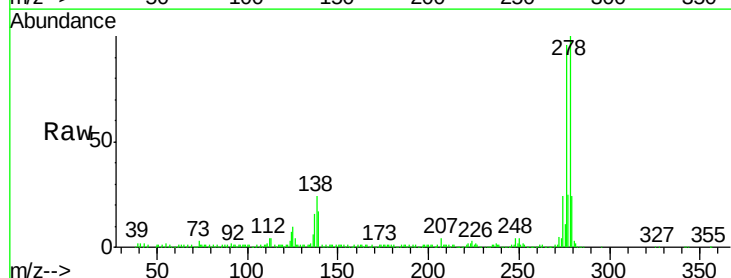
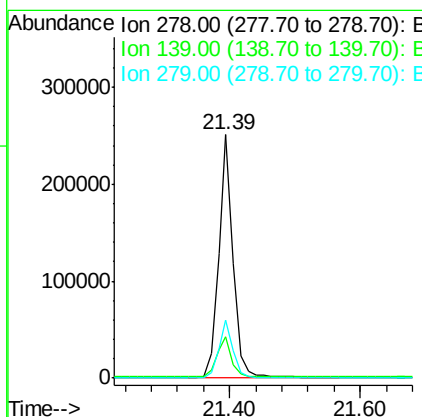
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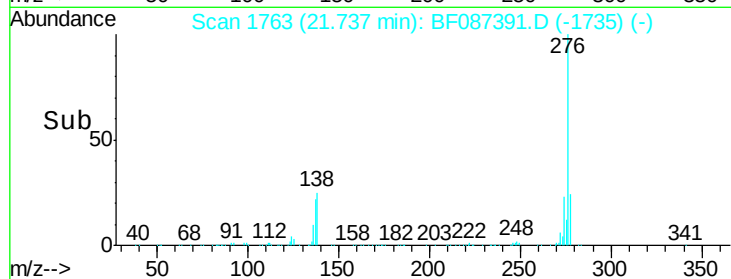
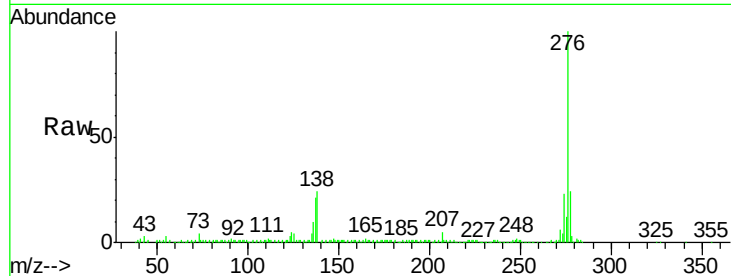
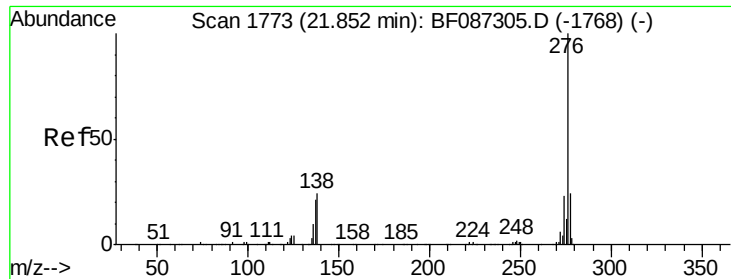
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#90
Dibenzo(a,h)anthracene
Concen: 52.62 ng
RT: 21.39 min Scan# 1733
Delta R.T. 0.03 min
Lab File: BF087391.D
Acq: 26 May 2016 2:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	16.6	24.8
279	23.7	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 51.15 ng

RT: 21.74 min Scan# 1763

Delta R.T. 0.02 min

Lab File: BF087391.D

Acq: 26 May 2016 2:29

Instrument :

BNA_F

ClientSampleId :

DAY-1MSD

Tot Ion: 276 Resp: 375588

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 24.5 23.6 35.4

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