

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088237.D
 Acq On : 22 Jun 2016 3:03
 Operator : UM/SJ
 Sample : PB91486BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Manual Integrations
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 6/22/2016 6:08:09 PM

Quant Time: Jun 22 04:05:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:34:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	85659	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	331811	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	158835	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	283056	20.00	ng	0.00
75) Chrysene-d12	13.79	240	205008	20.00	ng	0.00
86) Perylene-d12	15.17	264	170604	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	578461	115.45	ng	0.00
7) Phenol-d6	6.31	99	729817	120.18	ng	0.00
23) Nitrobenzene-d5	7.22	82	439355	77.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	169953	101.34	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	825757	81.44	ng	0.00
78) Terphenyl-d14	12.75	244	790675	87.76	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.17	88	70626	29.01	ng	# 36
3) Pyridine	2.82	79	203823	35.46	ng	95
4) n-Nitrosodimethylamine	2.78	42	77405	31.79	ng	81
6) Aniline	6.32	93	181561	21.01	ng	# 23
8) 2-Chlorophenol	6.44	128	226240	38.15	ng	82
10) Phenol	6.32	94	230664	36.31	ng	# 44
11) bis(2-Chloroethyl)ether	6.40	93	219400	41.20	ng	86
12) 1,3-Dichlorobenzene	6.59	146	233101m	36.63	ng	
13) 1,4-Dichlorobenzene	6.67	146	232392	36.25	ng	96
14) 1,2-Dichlorobenzene	6.82	146	223544	38.35	ng	95
15) Benzyl Alcohol	6.81	79	161156	33.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.94	45	233465	32.45	ng	# 9
17) 2-Methylphenol	6.94	107	183151	38.08	ng	# 93
18) Hexachloroethane	7.15	117	85040	37.39	ng	# 82
19) n-Nitroso-di-n-propylamine	7.07	70	141026	36.30	ng	91
20) 3+4-Methylphenols	7.08	107	237052	42.24	ng	# 83
22) Acetophenone	7.07	105	304607	41.08	ng	98
24) Nitrobenzene	7.24	77	237069	43.07	ng	98
25) Isophorone	7.48	82	420307	39.93	ng	98
26) 2-Nitrophenol	7.56	139	127484	43.24	ng	# 73
27) 2,4-Dimethylphenol	7.61	122	208405	38.39	ng	94
28) bis(2-Chloroethoxy)methane	7.70	93	289523	44.35	ng	# 97
29) 2,4-Dichlorophenol	7.80	162	194919	43.00	ng	99
30) 1,2,4-Trichlorobenzene	7.88	180	196639	39.84	ng	97
31) Naphthalene	7.95	128	646658	39.38	ng	99
32) Benzoic acid	7.77	122	104731	35.04	ng	89
33) 4-Chloroaniline	8.02	127	119844	16.34	ng	# 91
34) Hexachlorobutadiene	8.08	225	104981	40.33	ng	98
35) Caprolactam	8.40	113	63297m	42.16	ng	
36) 4-Chloro-3-methylphenol	8.52	107	205622	42.42	ng	88
37) 2-Methylnaphthalene	8.65	142	451052	41.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	183854	44.21	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	104317	40.72	ng	99
42) 2,4,6-Trichlorophenol	8.94	196	117143	36.88	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	115630	34.99	nq	98
45) 1,1'-Biphenyl	9.12	154	551805	46.49	nq	96
46) 2-Chloronaphthalene	9.14	162	425984	41.44	nq	94
47) 2-Nitroaniline	9.24	65	122473	40.39	nq	# 82
48) Acenaphthylene	9.55	152	655979	40.12	nq	99
49) Dimethylphthalate	9.43	163	495503	43.07	nq	99
50) 2,6-Dinitrotoluene	9.48	165	104058	39.49	nq	# 61
51) Acenaphthene	9.72	154	395069	38.74	nq	99
52) 3-Nitroaniline	9.66	138	69731	22.93	nq	89
53) 2,4-Dinitrophenol	9.77	184	85602	62.89	nq	100
54) Dibenzofuran	9.90	168	545829	38.86	nq	91
55) 4-Nitrophenol	9.85	139	121754	51.59	nq	# 77
56) 2,4-Dinitrotoluene	9.90	165	134143	39.61	nq	# 65
57) Fluorene	10.24	166	458451	48.70	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.02	232	106108	40.86	nq	# 57
59) Diethylphthalate	10.12	149	486244	41.75	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	176903	37.87	nq	94
61) 4-Nitroaniline	10.27	138	109031	37.80	nq	98
62) Azobenzene	10.39	77	466503	40.51	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	70317	40.16	nq	# 62
65) n-Nitrosodiphenylamine	10.35	169	395504	42.11	nq	100
66) 4-Bromophenyl-phenylether	10.72	248	129536	42.66	nq	100
67) Hexachlorobenzene	10.78	284	125081	39.64	nq	90
68) Atrazine	10.89	200	126904	44.62	nq	98
69) Pentachlorophenol	10.98	266	95086	57.17	nq	97
70) Phenanthrene	11.19	178	624570	42.05	nq	99
71) Anthracene	11.24	178	659566	44.02	nq	99
72) Carbazole	11.40	167	635978	45.36	nq	99
73) Di-n-butylphthalate	11.74	149	728297	41.03	nq	99
74) Fluoranthene	12.38	202	667517	42.59	nq	96
76) Benzidine	12.50	184	256149	45.12	nq	98
77) Pyrene	12.59	202	654636	43.03	nq	99
79) Butylbenzylphthalate	13.22	149	299860	44.58	nq	87
80) Benzo(a)anthracene	13.78	228	467200	39.99	nq	100
81) 3,3'-Dichlorobenzidine	13.75	252	102011	32.47	nq	# 94
82) Chrysene	13.82	228	508108	46.23	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	359478	43.91	nq	99
84) Di-n-octyl phthalate	14.39	149	651566	48.98	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	436418	42.74	nq	# 100
87) Benzo(b)fluoranthene	14.79	252	414516m	34.86	nq	
88) Benzo(k)fluoranthene	14.81	252	443190m	49.41	nq	
89) Benzo(a)pyrene	15.11	252	410656	42.69	nq	99
90) Dibenzo(a,h)anthracene	16.46	278	364080	40.75	nq	99
91) Benzo(g,h,i)perylene	16.83	276	385879	41.98	nq	98

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

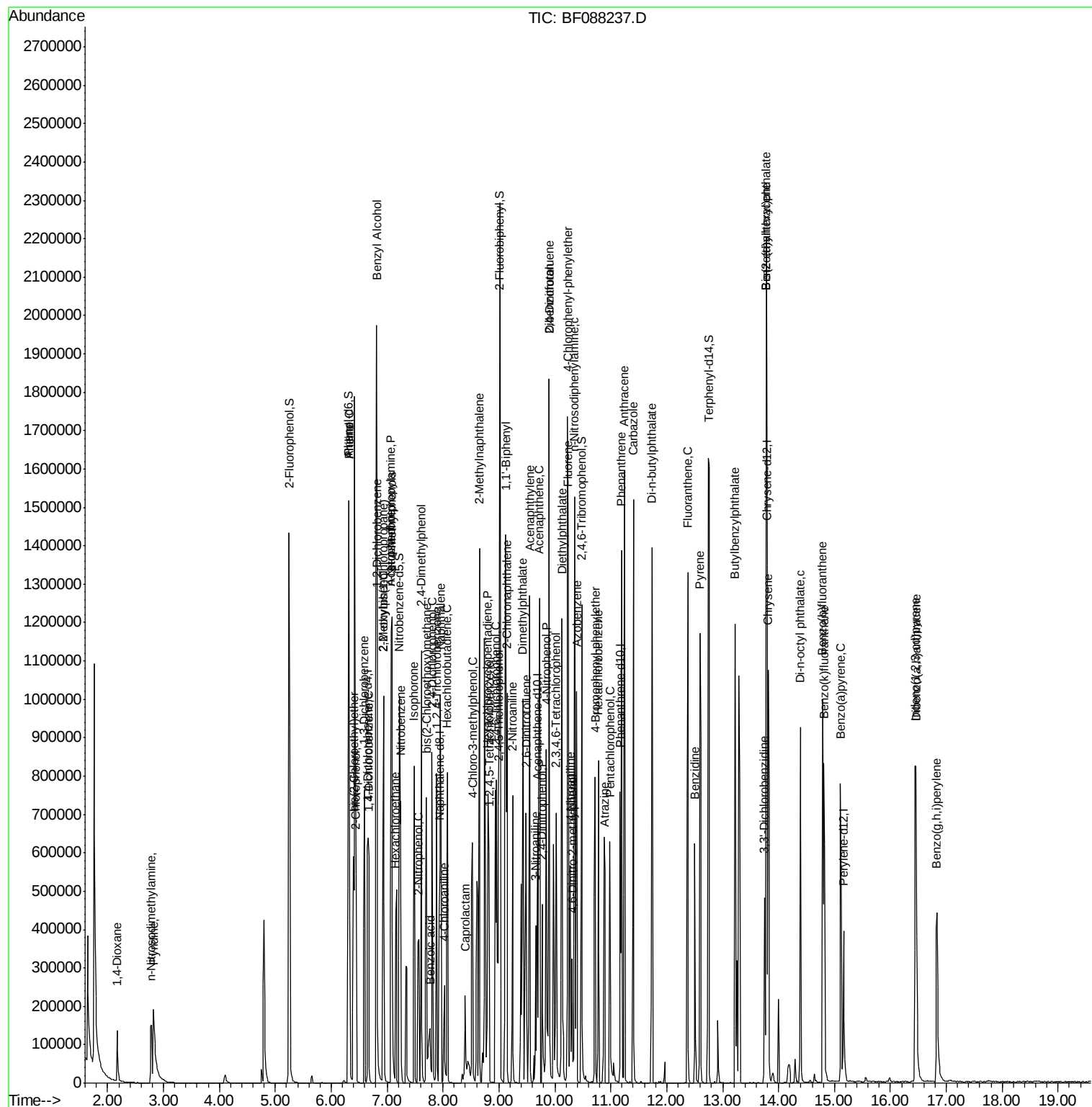
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

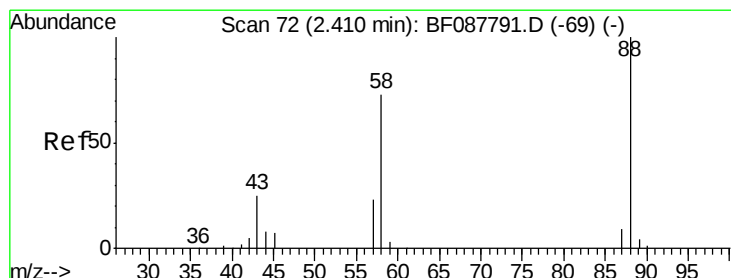
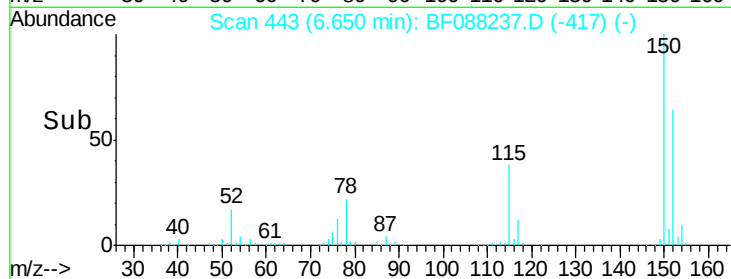
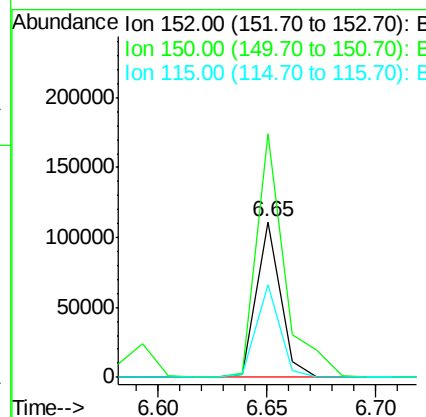
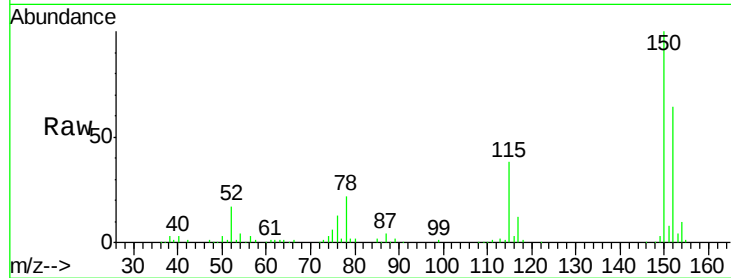
ClientSampleId :

PB91486BSD

Tot Ion:	152	Resp:	85659
Ion Ratio	Lower	Upper	
152	100		
150	156.4	123.8	185.6
115	59.5	39.6	59.4

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#2

1,4-Dioxane

Concen: 29.01 ng

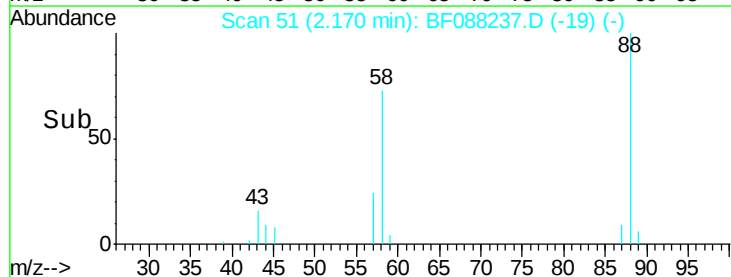
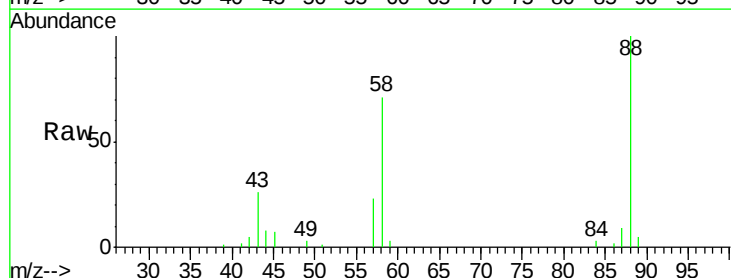
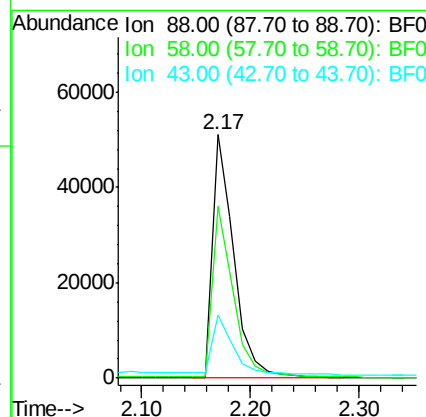
RT: 2.17 min Scan# 51

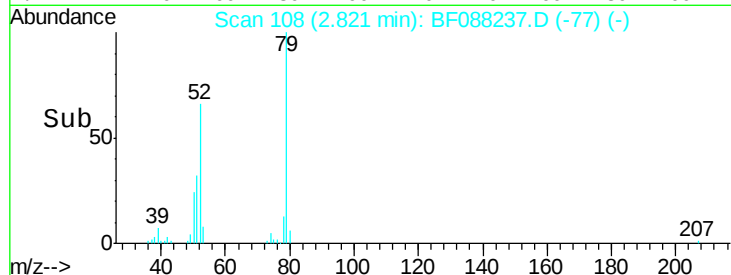
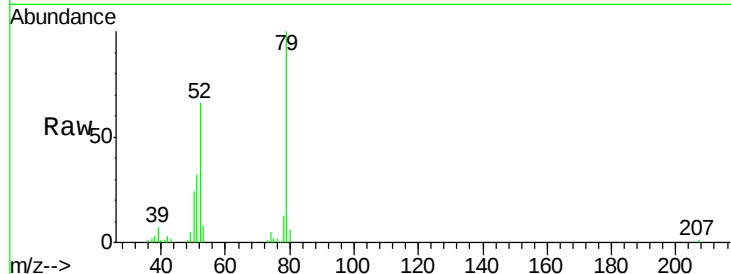
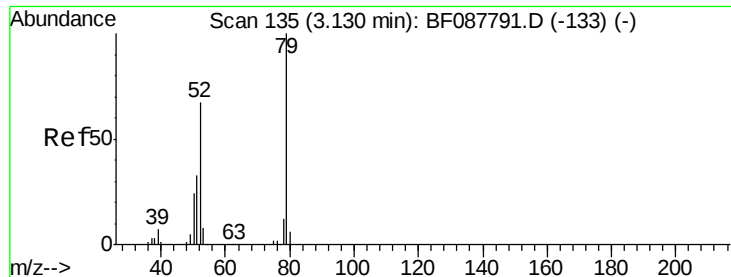
Delta R.T. 0.07 min

Lab File: BF088237.D

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Tgt Ion:	88	Resp:	70626
Ion Ratio	Lower	Upper	
88	100		
58	71.0	0.0	0.0
43	25.3	3.4	5.2





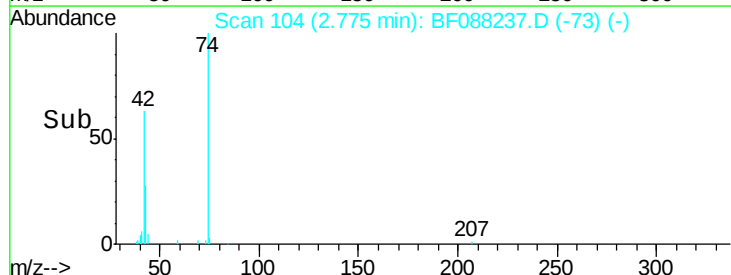
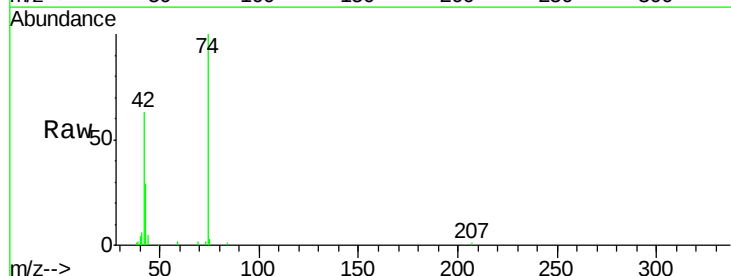
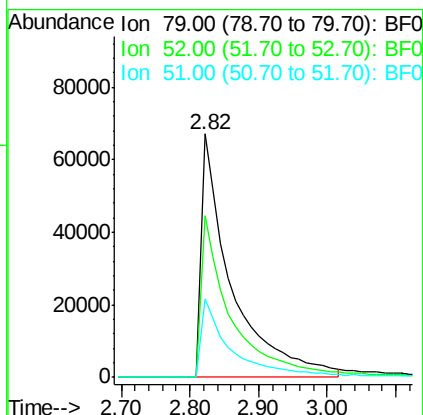
#3
Pvridine
Concen: 35.46 ng
RT: 2.82 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.2	56.3	84.5
51	32.3	27.4	41.2

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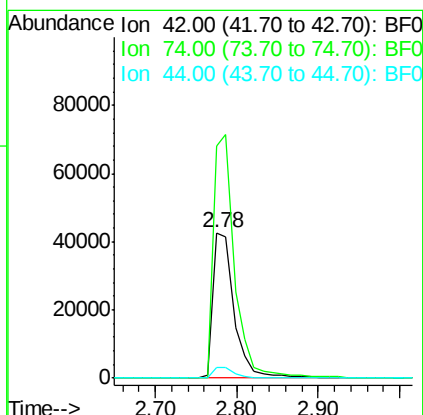
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#4
n-Nitrosodimethylamine
Concen: 31.79 ng
RT: 2.78 min Scan# 104
Delta R.T. 0.06 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.0	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 115.45 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

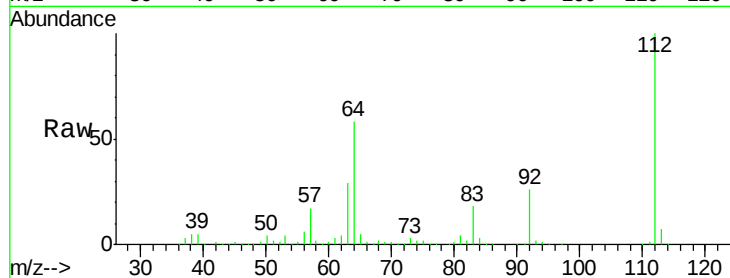
ClientSampleId :

PB91486BSD

Tot Ion:	112	Resp:	578461
Ion Ratio	Lower	Upper	
112	100		
64	57.8	42.2	63.2
63	29.0	21.8	32.8

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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.24

400000

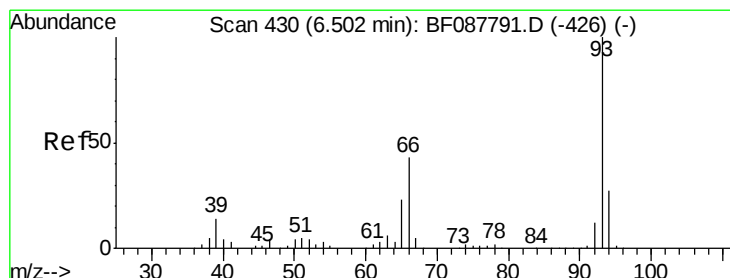
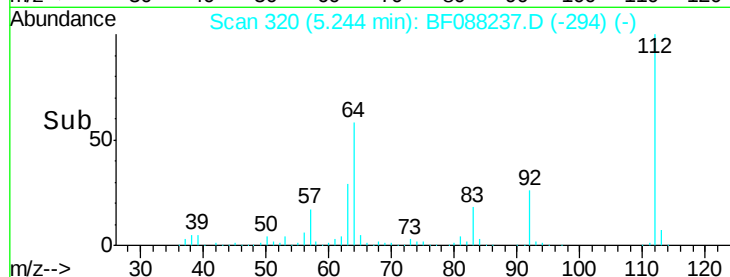
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 21.01 ng

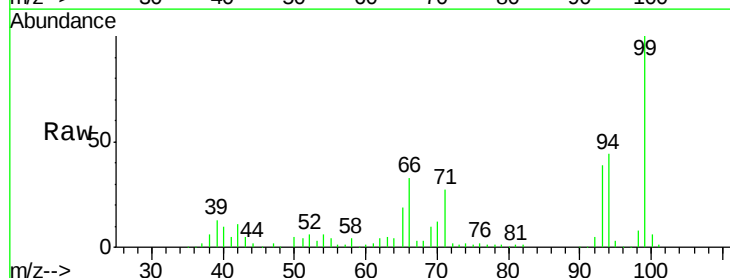
RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	93	Resp:	181561
Ion Ratio	Lower	Upper	
93	100		
66	85.8	29.8	44.8#
65	49.6	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.32

300000

250000

200000

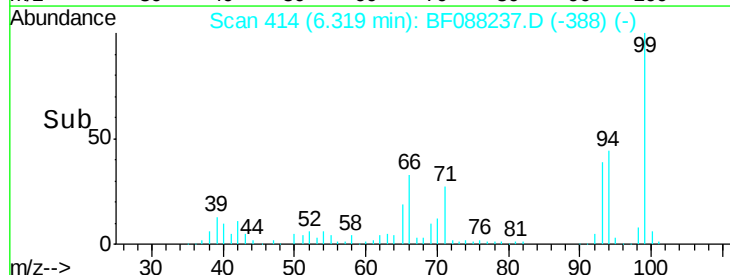
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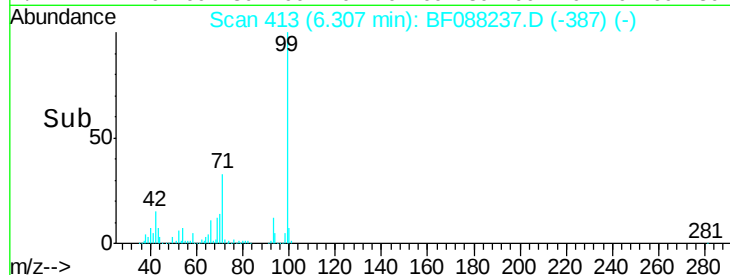
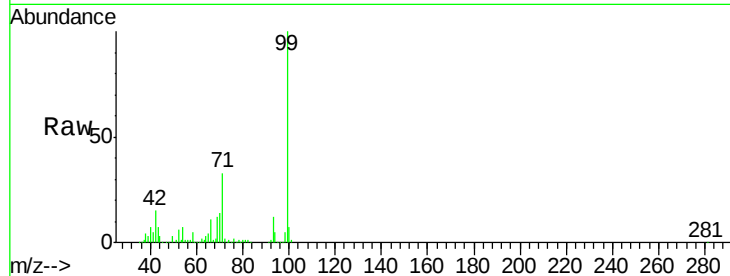
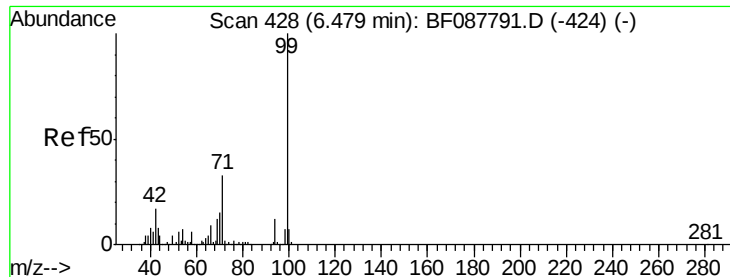
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 120.18 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tot Ion:	99	Resp:	729817
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.2	18.2
71	32.9	23.4	35.0

Instrument :

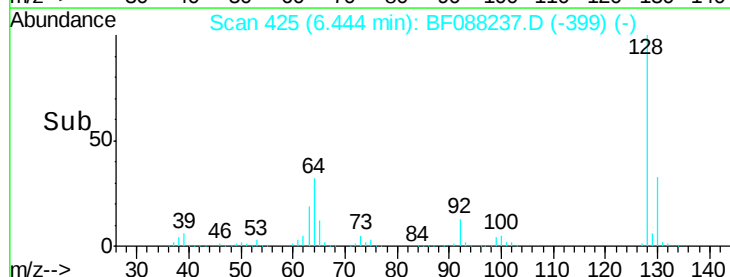
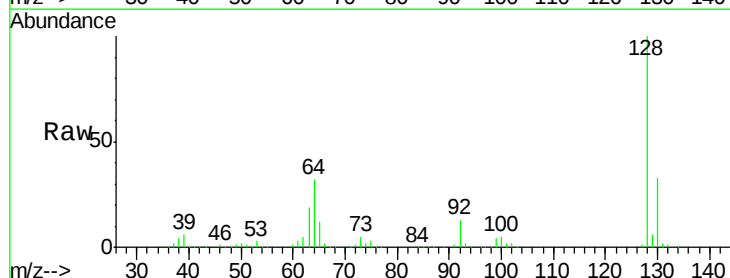
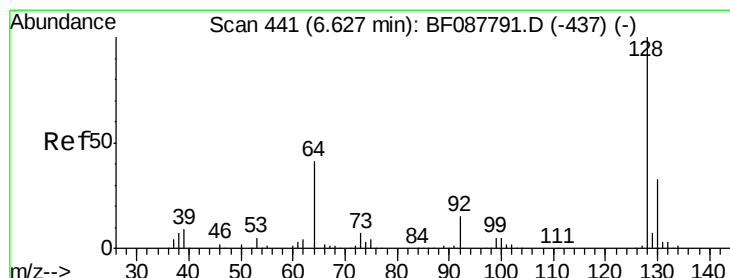
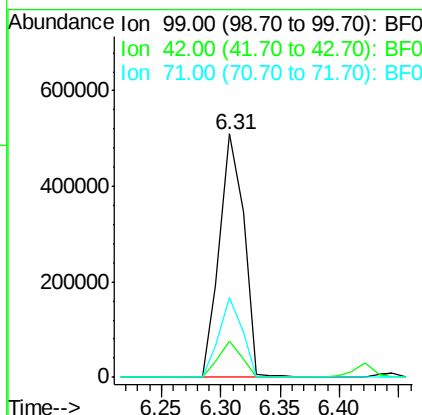
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#8

2-Chlorophenol

Concen: 38.15 ng

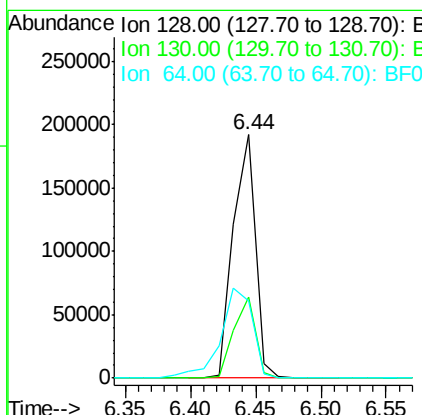
RT: 6.44 min Scan# 425

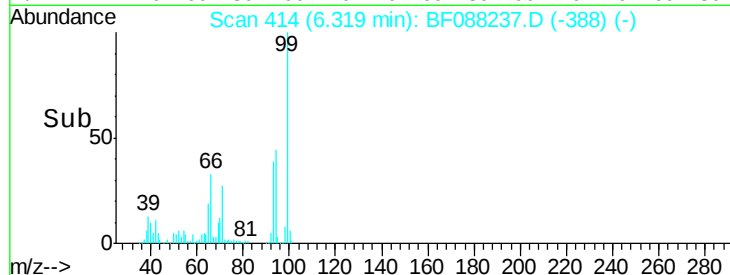
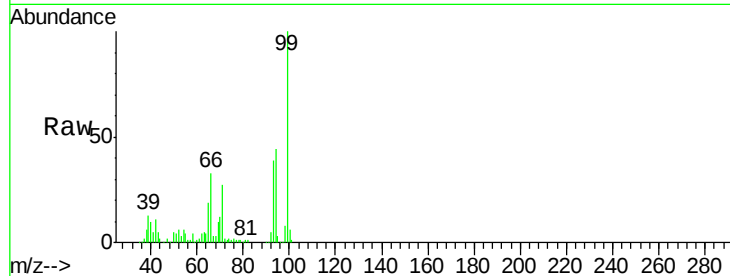
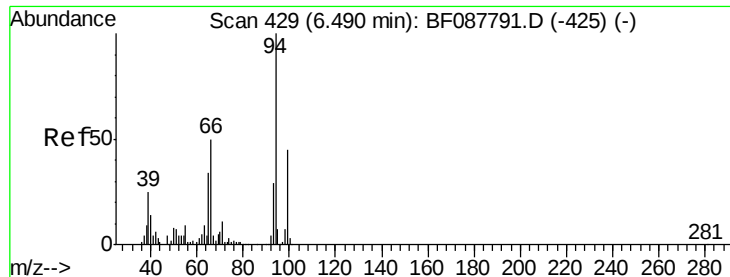
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	128	Resp:	226240
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.0	52.0
64	31.6	30.8	70.8





#10

Phenol

Concen: 36.31 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tot Ion:	94	Resp:	230664
Ion Ratio	Lower	Upper	
94	100		
65	43.7	5.9	45.9
66	75.5	14.0	54.0#

Instrument :

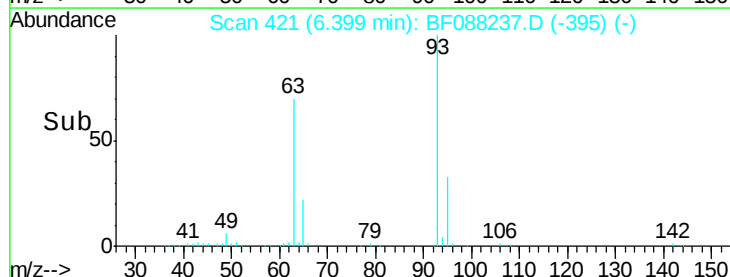
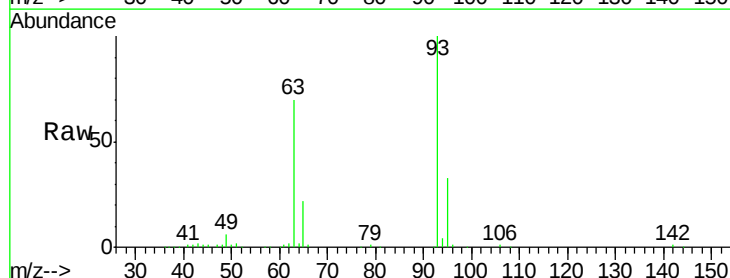
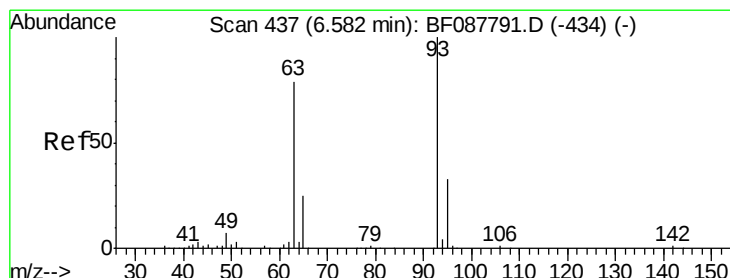
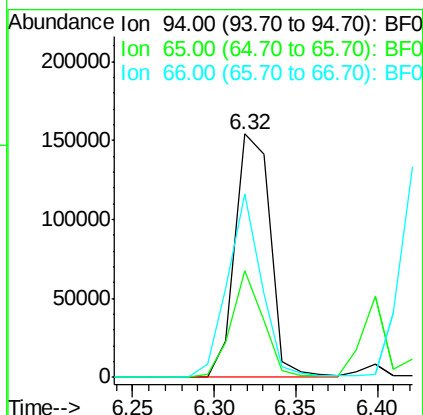
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#11

bis(2-Chloroethyl)ether

Concen: 41.20 ng

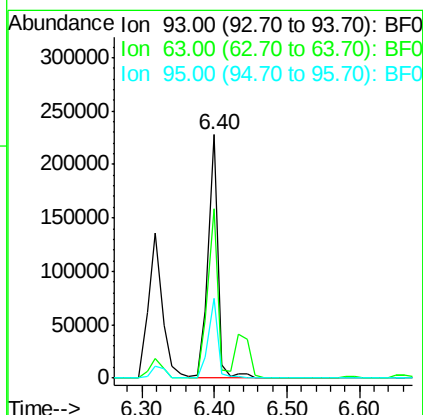
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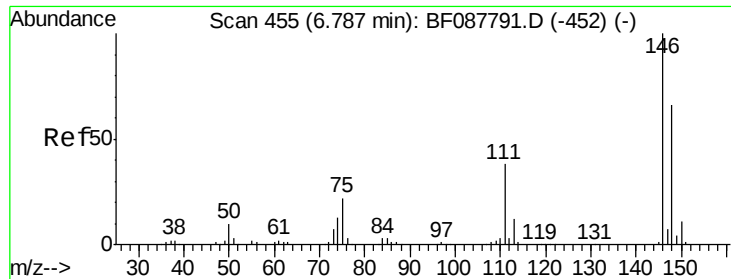
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	93	Resp:	219400
Ion Ratio	Lower	Upper	
93	100		
63	69.6	67.6	107.6
95	32.6	12.5	52.5





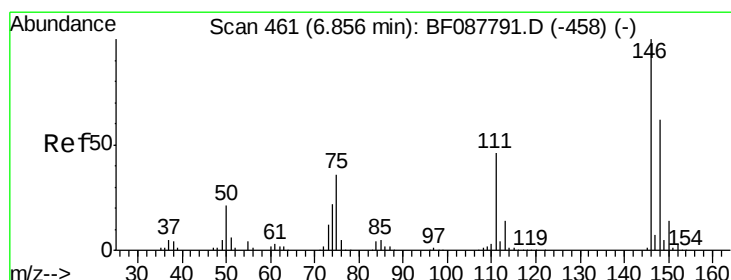
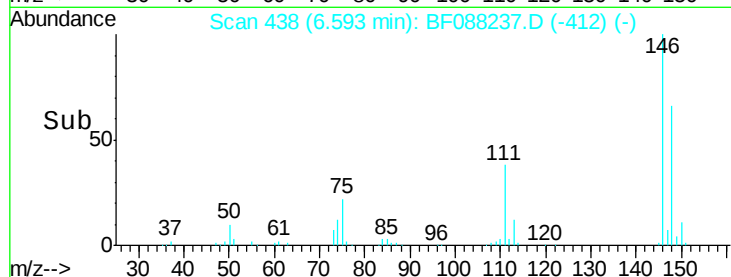
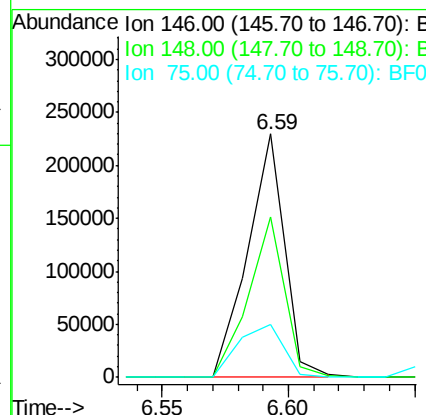
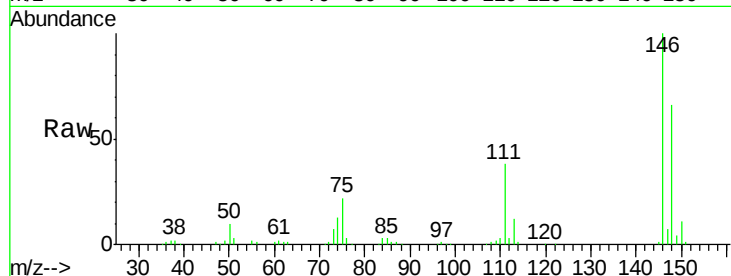
#12
 1,3-Dichlorobenzene
 Concen: 36.63 ng/mL
 RT: 6.59 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.9	76.3
75	21.7	25.6	38.4

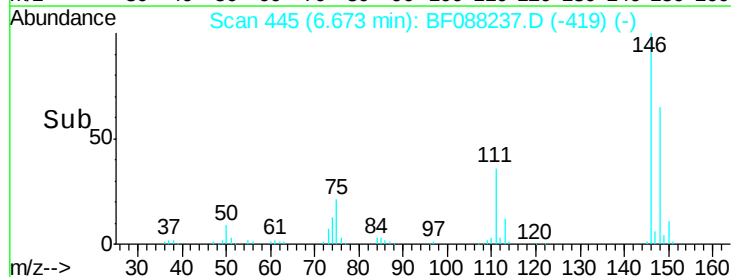
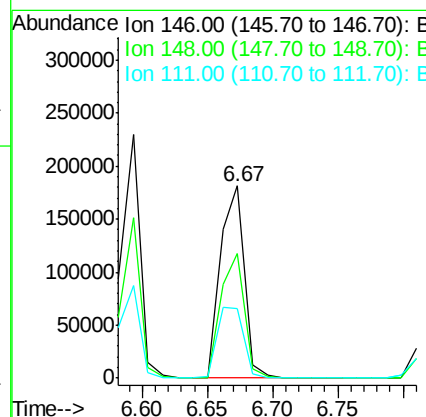
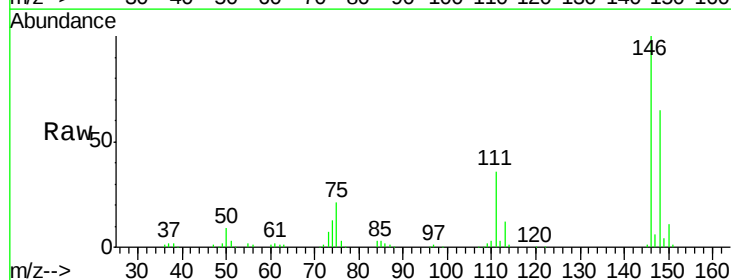
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#13
 1,4-Dichlorobenzene
 Concen: 36.25 ng/mL
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.0	78.0
111	36.0	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 38.35 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

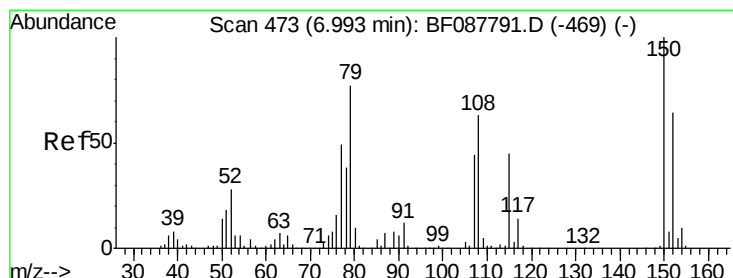
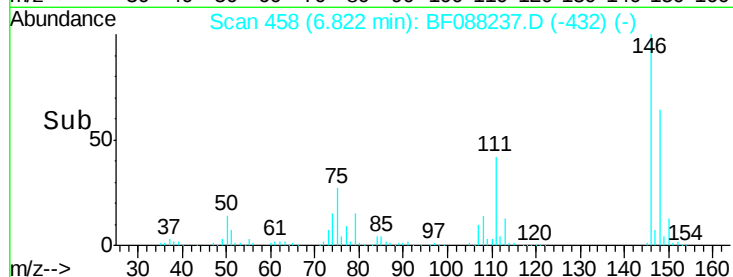
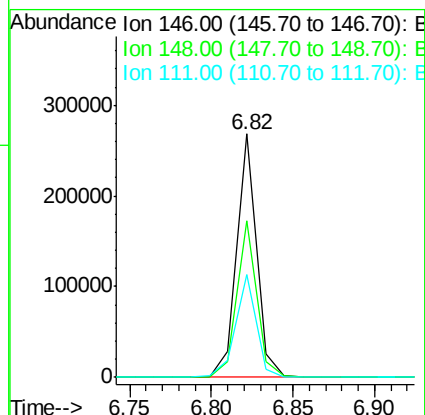
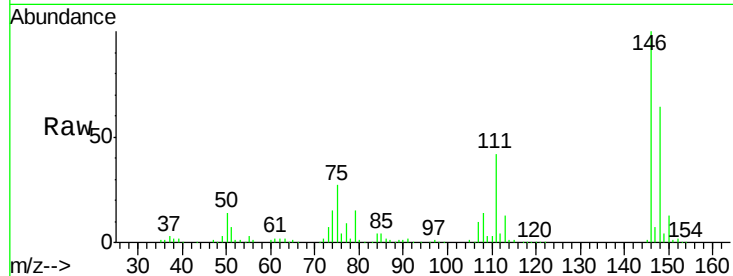
ClientSampleId :

PB91486BSD

Tot Ion:	146	Resp:	223544
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.3	78.5
111	42.4	28.7	43.1

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#15

Benzyl Alcohol

Concen: 33.92 ng

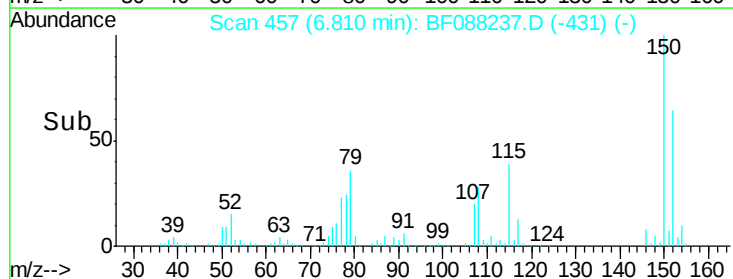
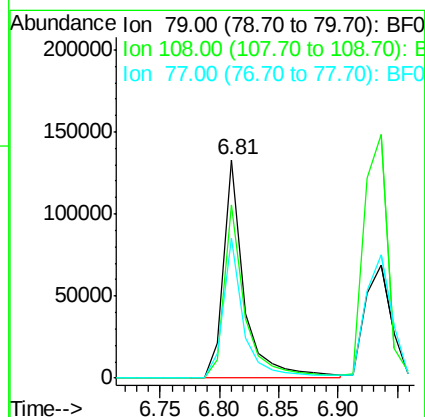
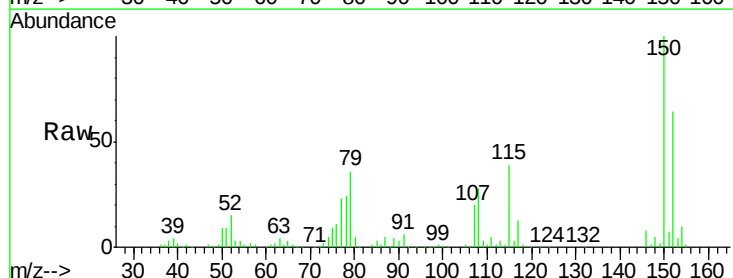
RT: 6.81 min Scan# 457

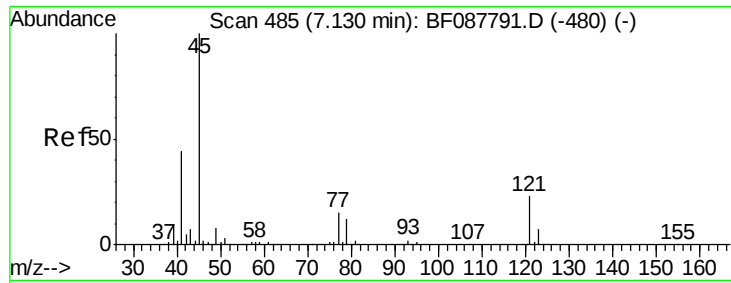
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	79	Resp:	161156
Ion Ratio	Lower	Upper	
79	100		
108	79.6	65.0	97.6
77	63.8	50.3	75.5





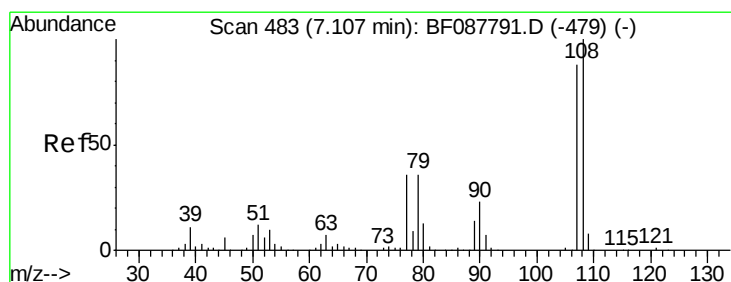
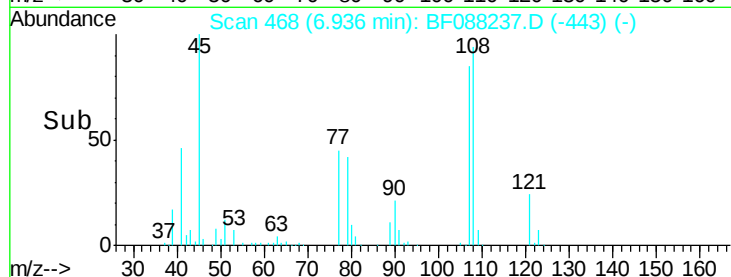
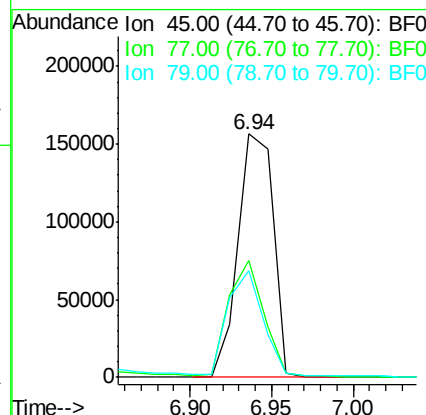
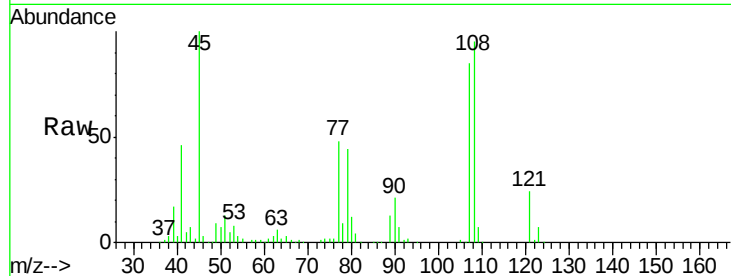
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.45 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	47.8	0.0	32.5#
79	43.8	0.0	29.5#

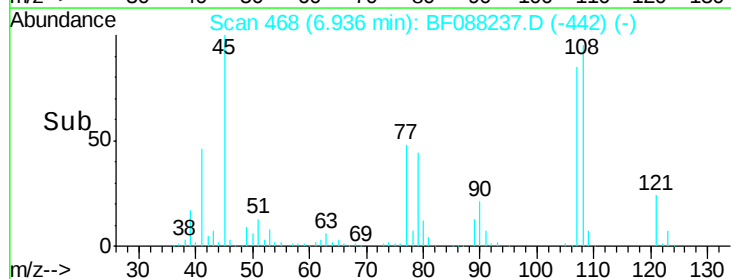
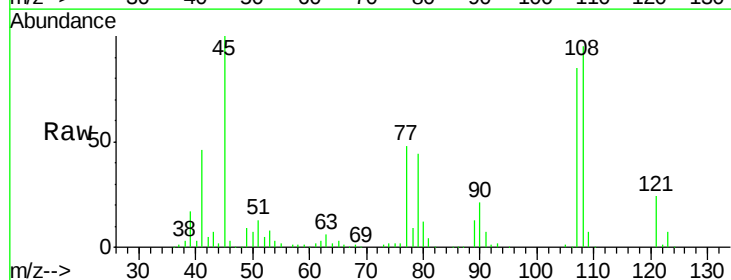
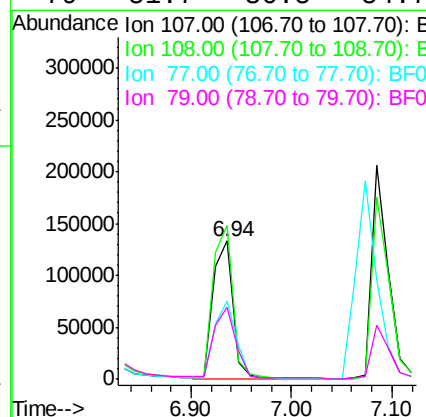
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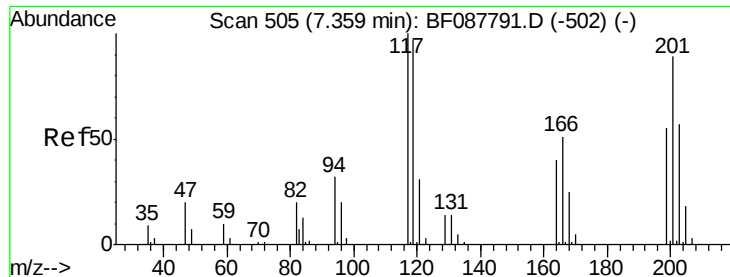
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#17
2-Methylphenol
Concen: 38.08 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	111.7	90.9	136.3
77	56.3	36.6	55.0#
79	51.7	36.5	54.7





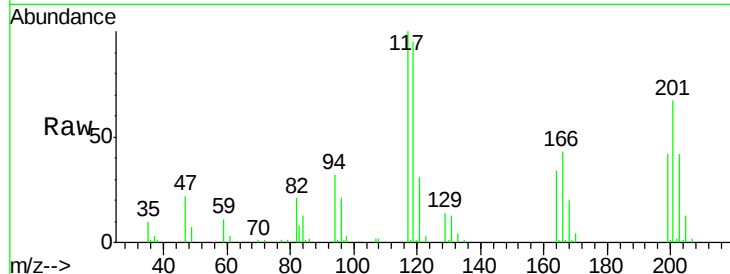
#18
Hexachloroethane
Concen: 37.39 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	85040		
119	94.7	77.4	116.2	
201	66.8	80.4	120.6	

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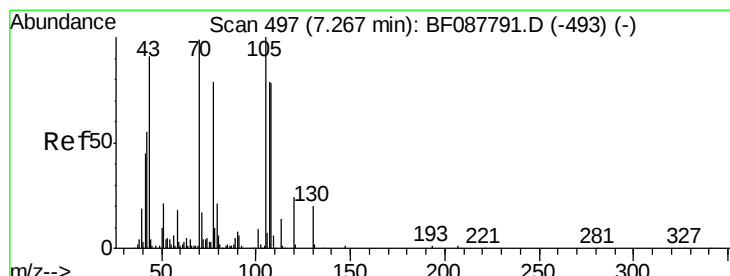
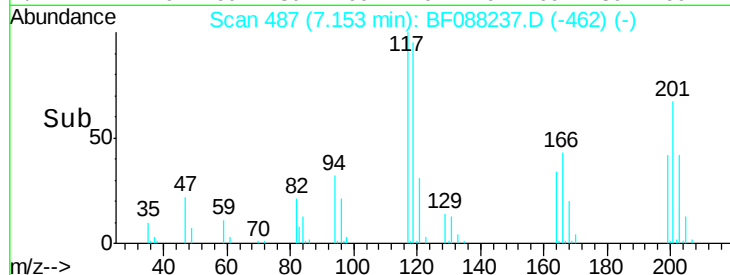
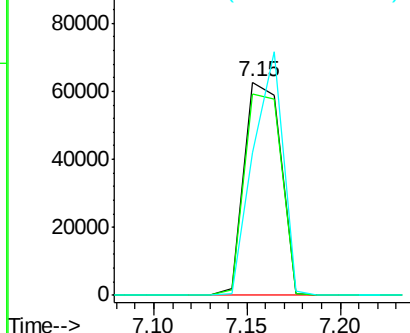


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 36.30 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	141026		
42	53.2	49.6	74.4	
101	9.6	7.1	10.7	
130	20.8	15.4	23.2	

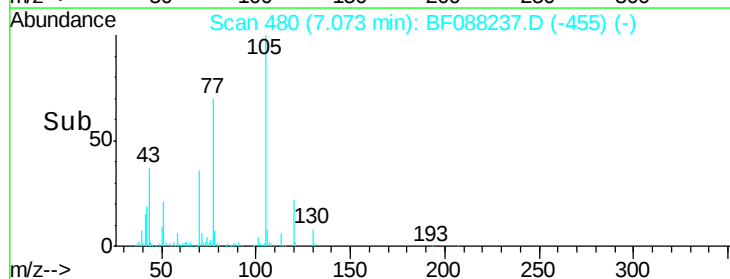
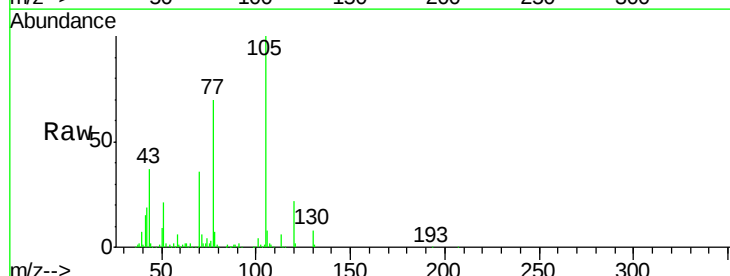
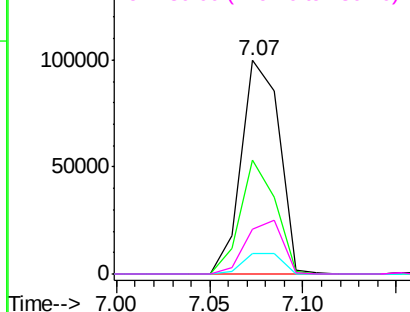
Abundance

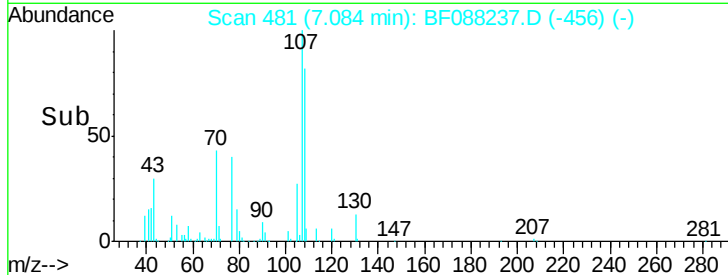
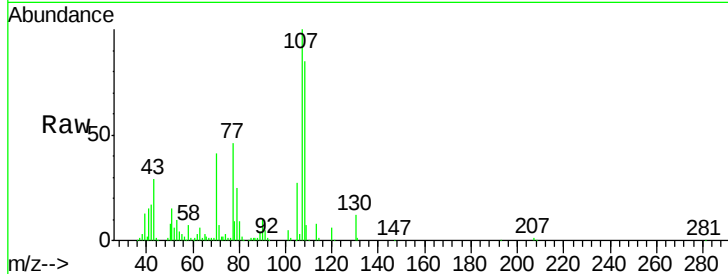
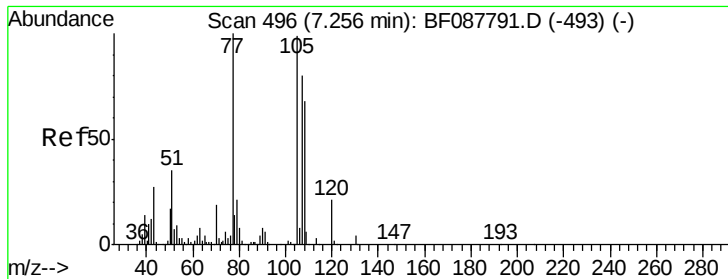
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

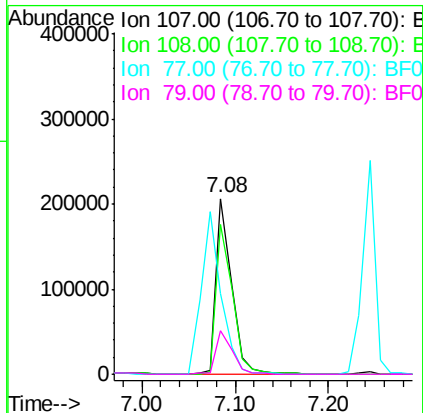
Ion 130.00 (129.70 to 130.70): E





#20
3+4-Methylphenols
Concen: 42.24 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

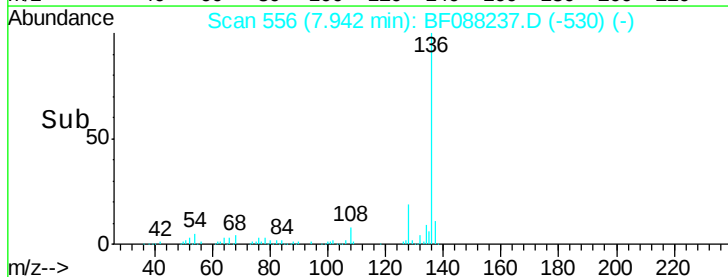
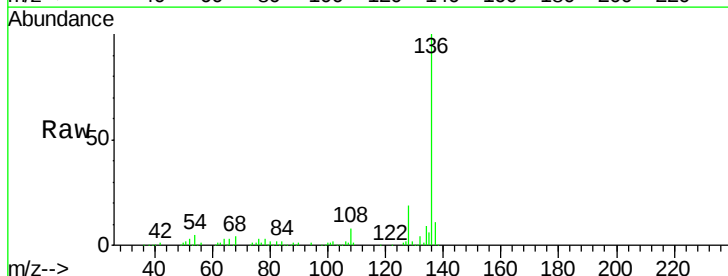
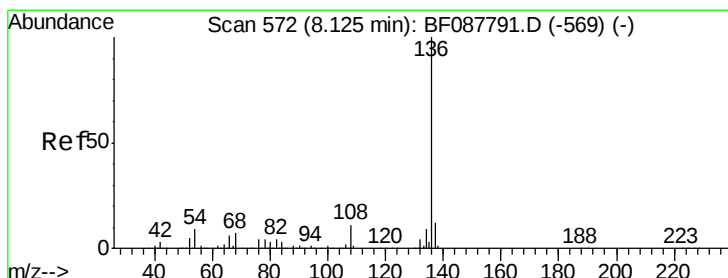
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	85.1	67.8	107.8	
77	46.0	59.3	99.3#	
79	25.1	7.0	47.0	



Instrument :
BNA_F
ClientSampleId :
PB91486BSD

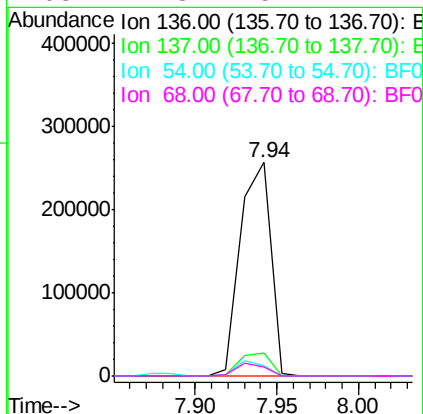
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.1	13.7	
54	4.7	6.6	10.0#	
68	4.3	5.1	7.7#	





#22

Acetophenone

Concen: 41.08 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088237.D

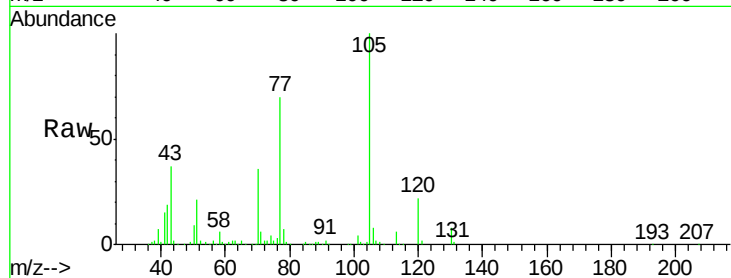
Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampleId :

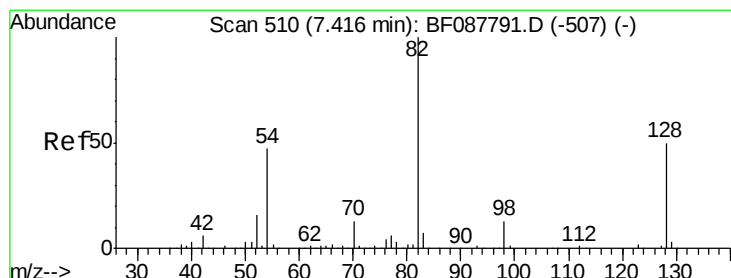
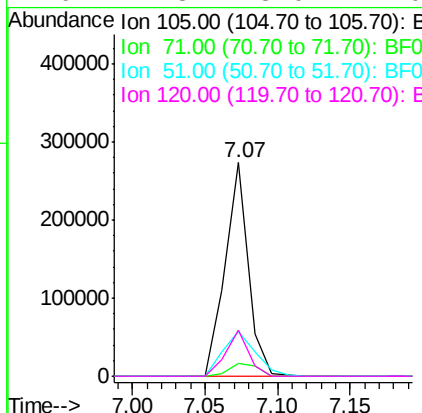
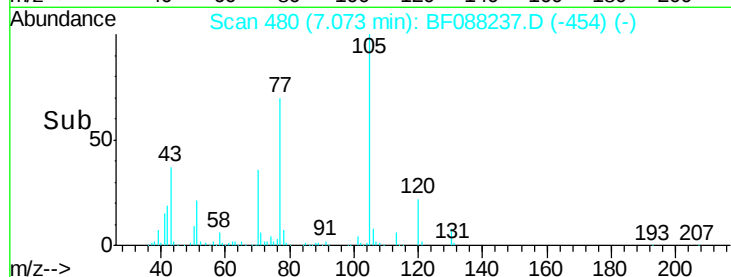
PB91486BSD



Tot Ion:	105	Resp:	304607
Ion Ratio	Lower	Upper	
105	100		
71	6.1	5.3	7.9
51	21.1	18.2	27.4
120	21.8	18.0	27.0

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#23

Nitrobenzene-d5

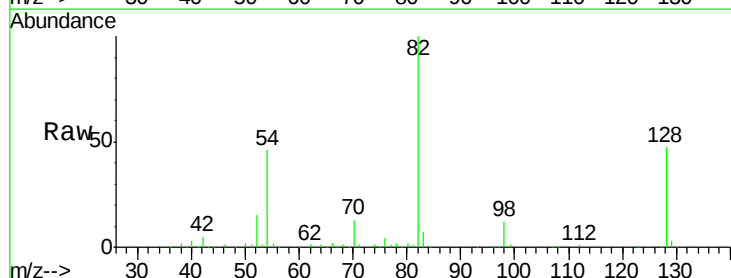
Concen: 77.32 ng

RT: 7.22 min Scan# 493

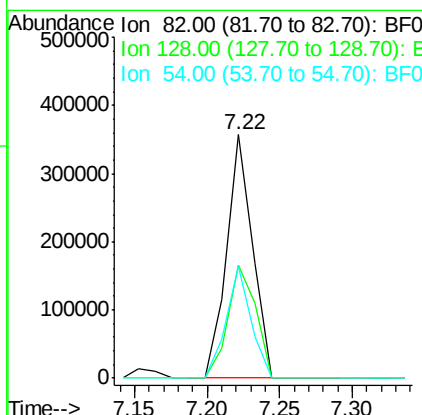
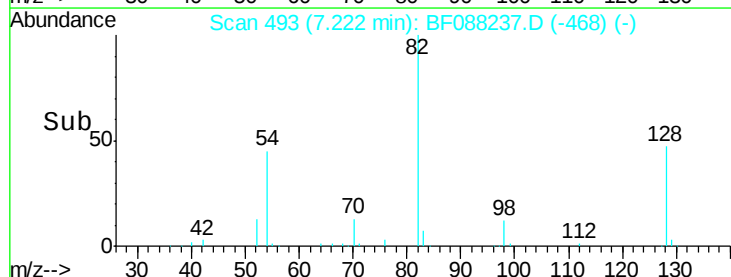
Delta R.T. -0.01 min

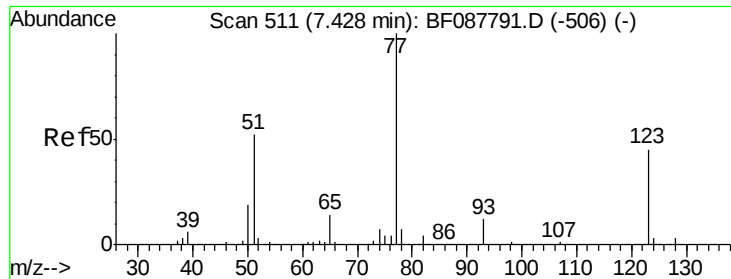
Lab File: BF088237.D

Acq: 22 Jun 2016 3:03



Tgt Ion:	82	Resp:	439355
Ion Ratio	Lower	Upper	
82	100		
128	46.7	35.9	53.9
54	46.1	40.9	61.3





#24

Nitrobenzene

Concen: 43.07 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

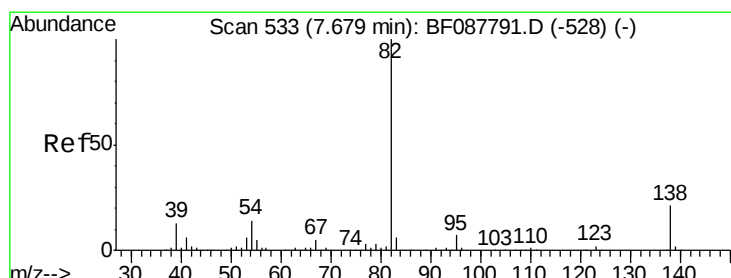
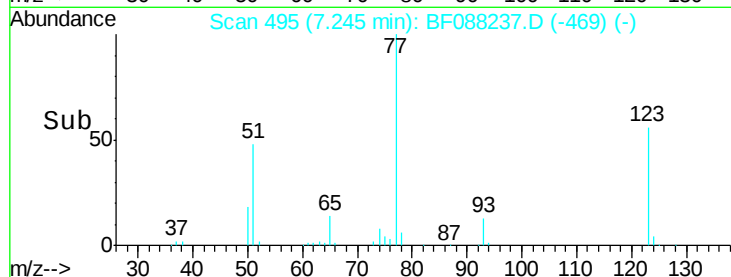
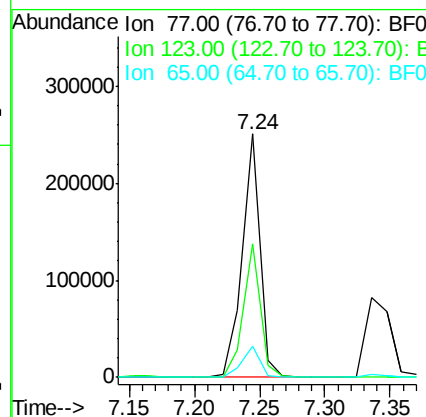
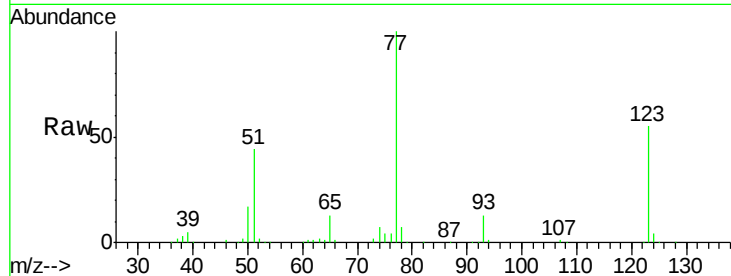
ClientSampleId :

PB91486BSD

Tot Ion:	77	Resp:	237069
Ion Ratio	Lower	Upper	
77	100		
123	54.6	45.0	67.4
65	12.8	10.2	15.2

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#25

Isophorone

Concen: 39.93 ng

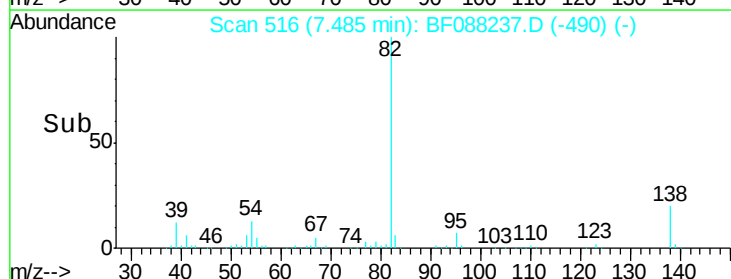
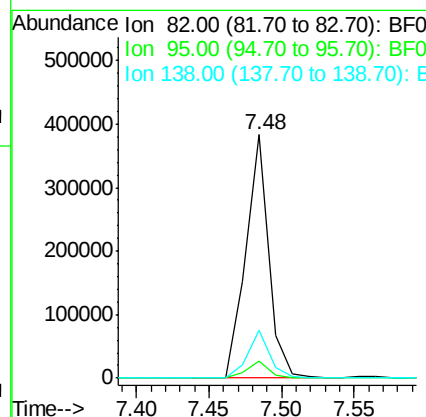
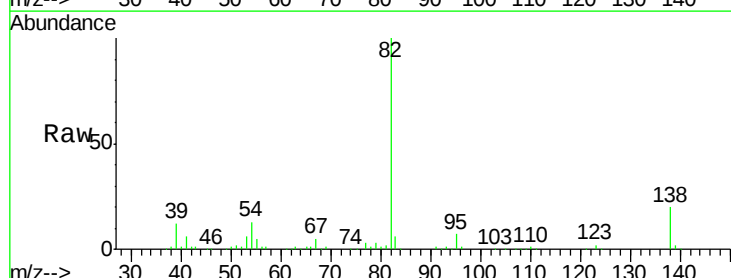
RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	82	Resp:	420307
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	19.5	14.6	21.8





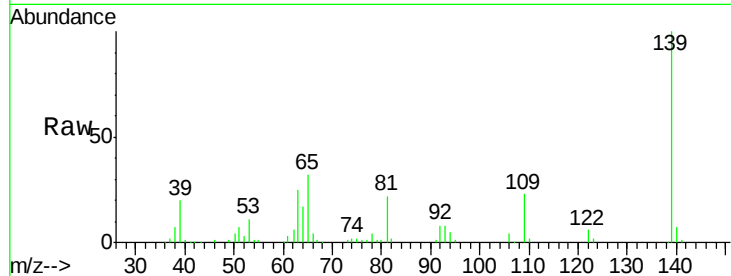
#26
 2-Nitrophenol
 Concen: 43.24 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

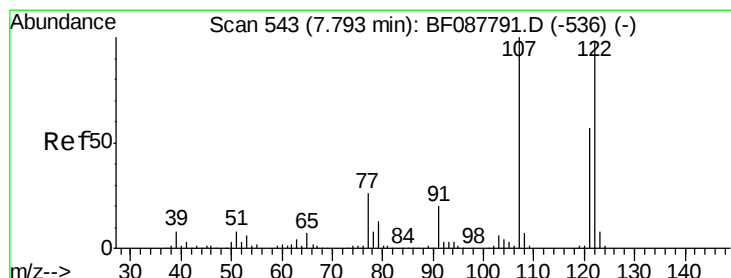
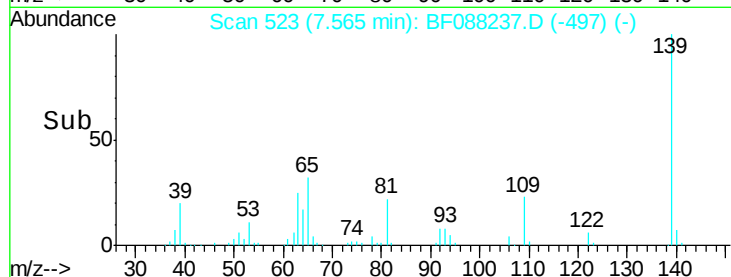
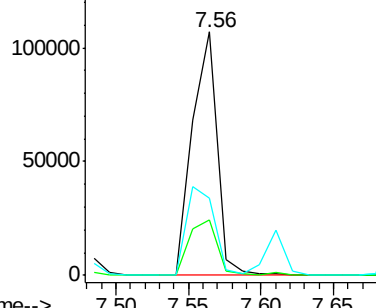
Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	23.0	23.0	34.4
65	31.9	45.8	68.8

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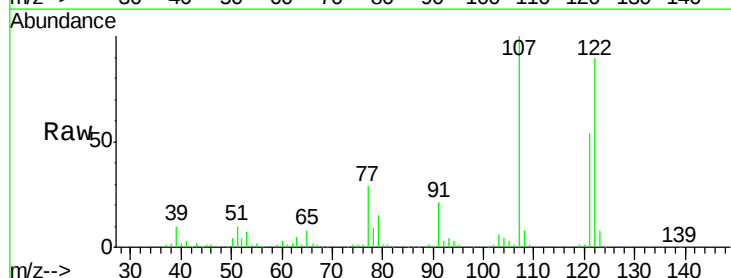


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

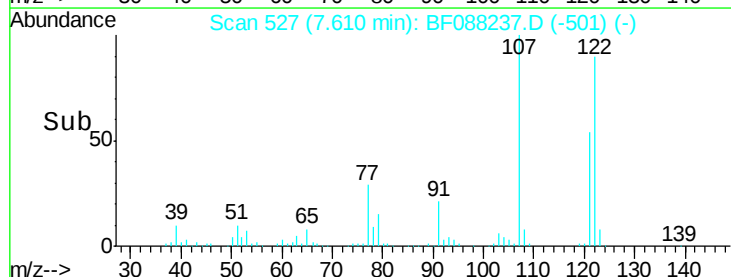
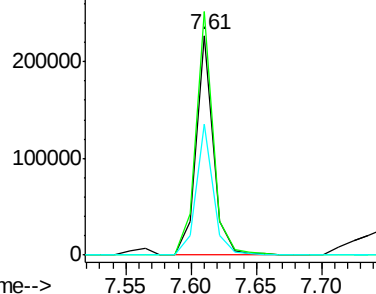


#27
 2,4-Dimethylphenol
 Concen: 38.39 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	110.9	82.4	123.6
121	59.4	46.3	69.5



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





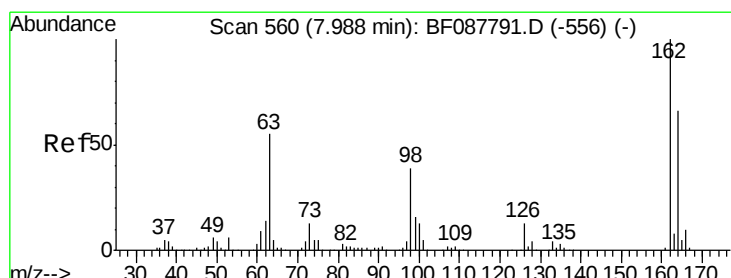
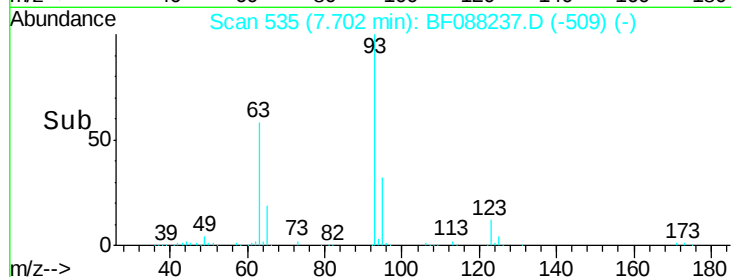
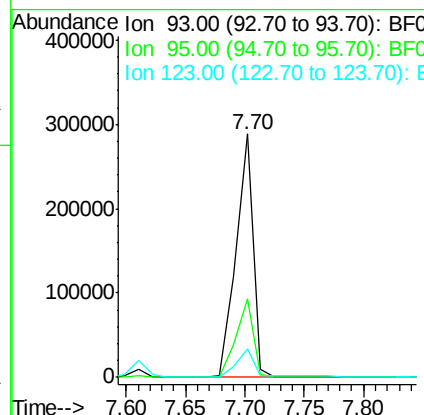
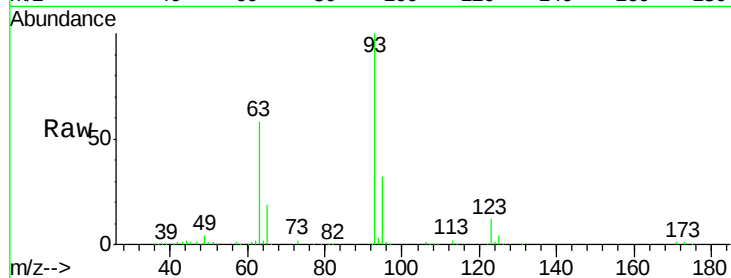
#28
bis(2-Chloroethoxy)methane
Concen: 44.35 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
95	32.2	26.5	39.7
123	11.5	11.6	17.4

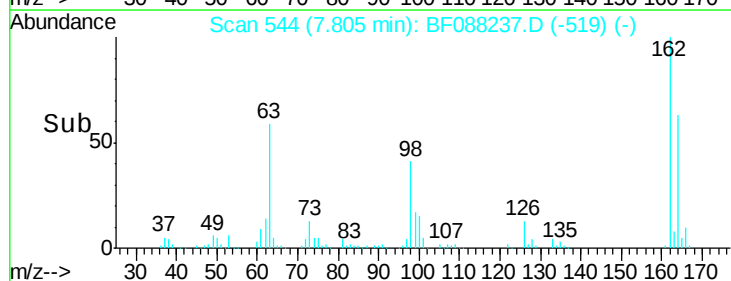
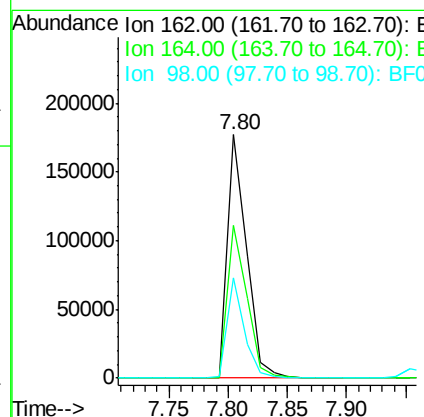
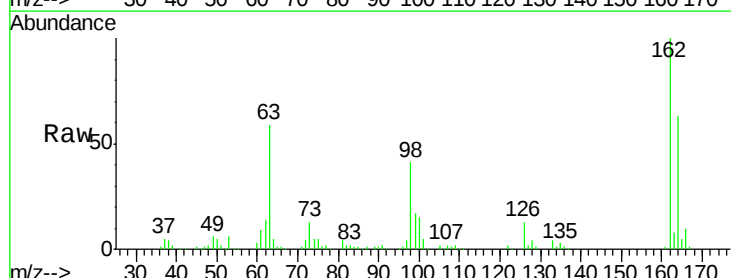
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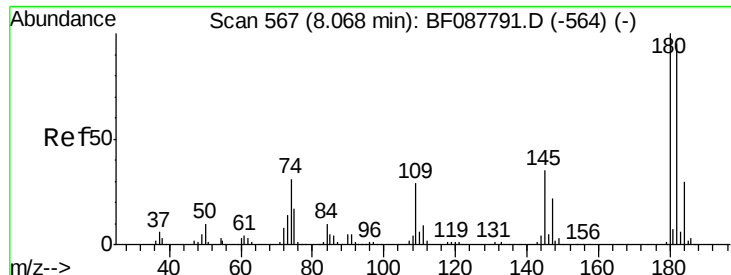
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#29
2,4-Dichlorophenol
Concen: 43.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	63.0	43.8	83.8
98	41.4	21.3	61.3





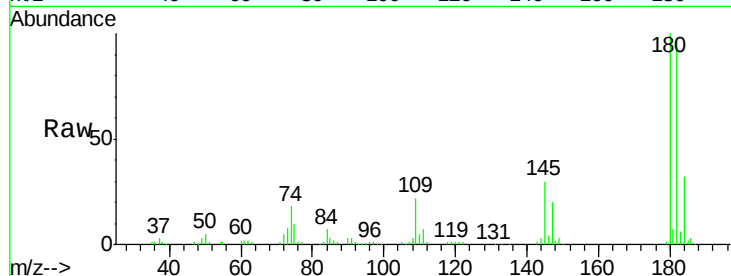
#30
 1,2,4-Trichlorobenzene
 Concen: 39.84 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

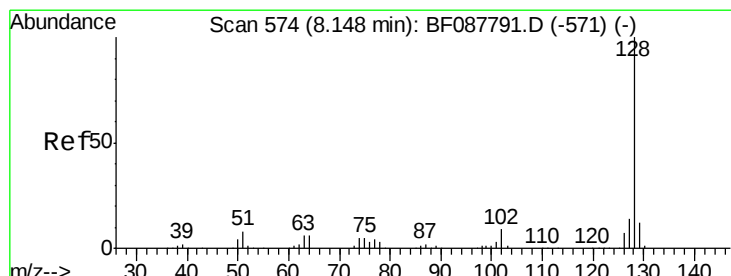
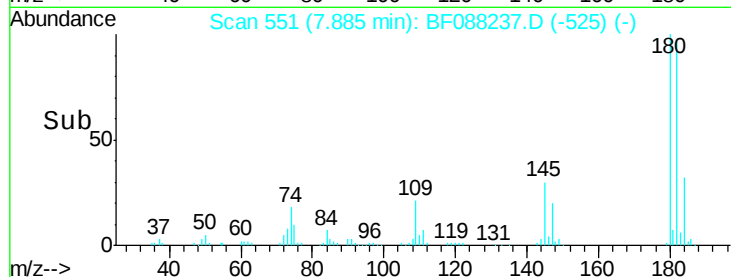
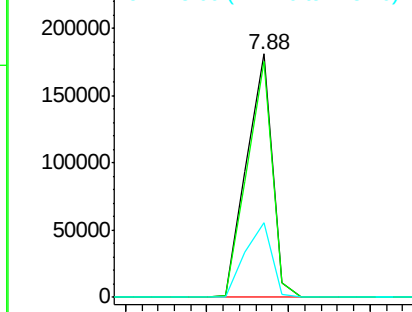
Tot Ion	Ratio	Resp	Lower	Upper
180	100	196639		
182	96.9	76.0	114.0	
145	30.5	26.5	39.7	

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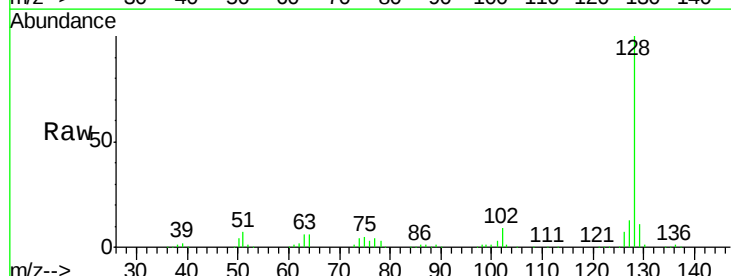


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

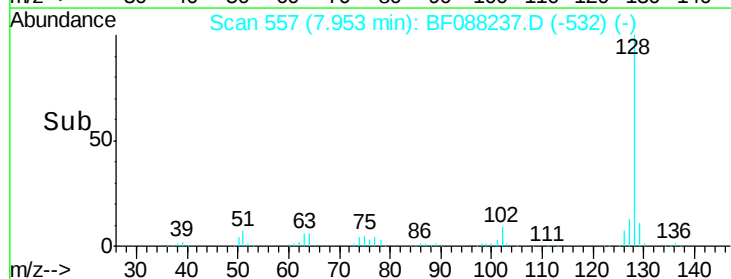
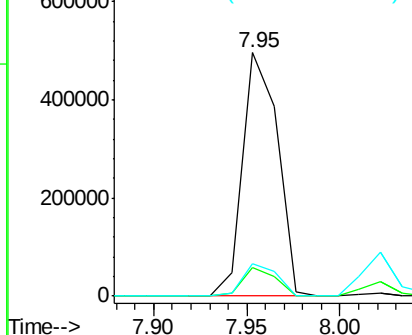


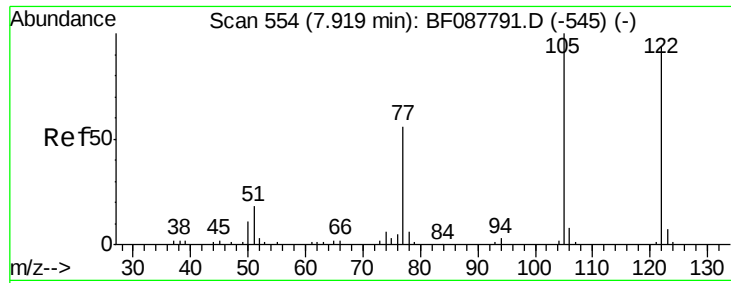
#31
 Naphthalene
 Concen: 39.38 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	646658		
129	11.5	9.4	14.2	
127	13.1	10.9	16.3	



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





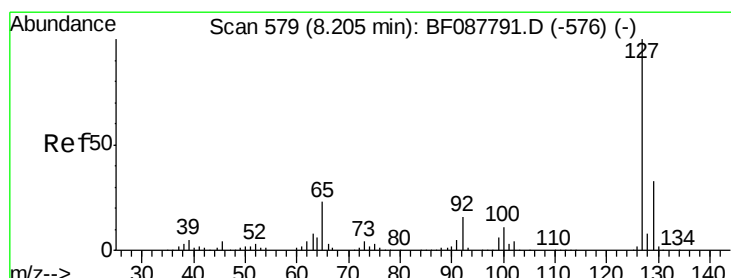
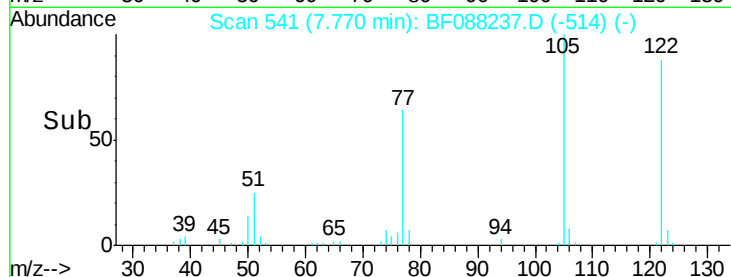
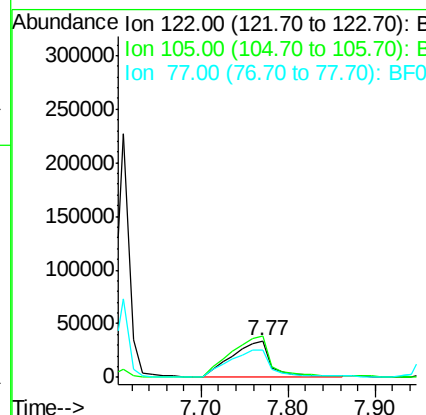
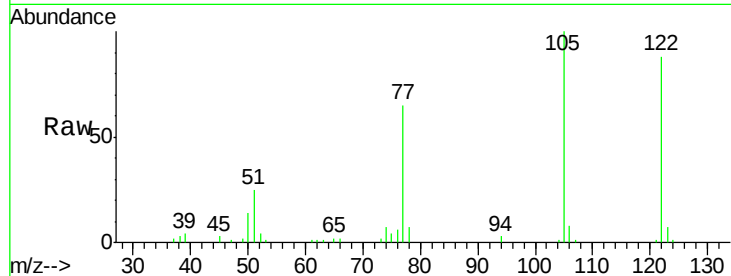
#32
Benzoic acid
Concen: 35.04 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	104731		
105	113.9	101.6	141.6	
77	74.0	70.6	110.6	

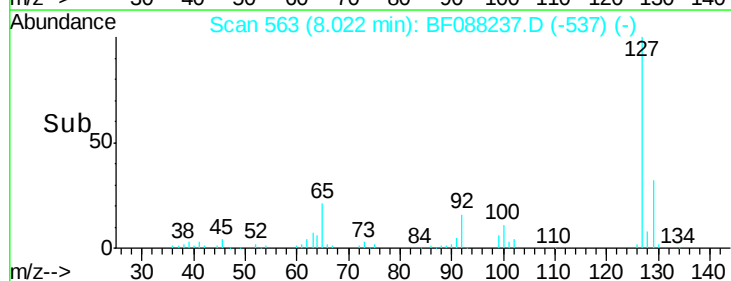
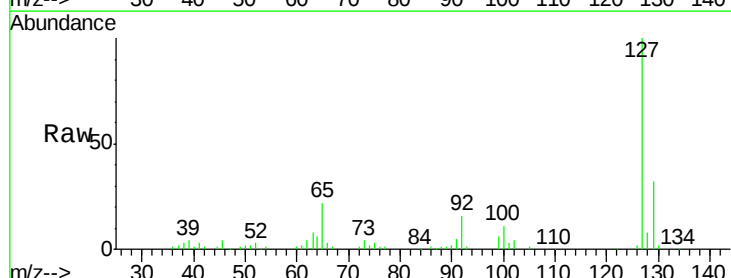
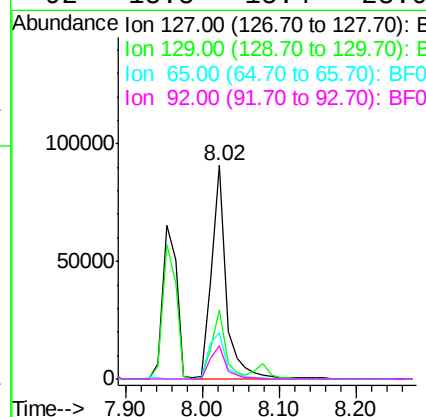
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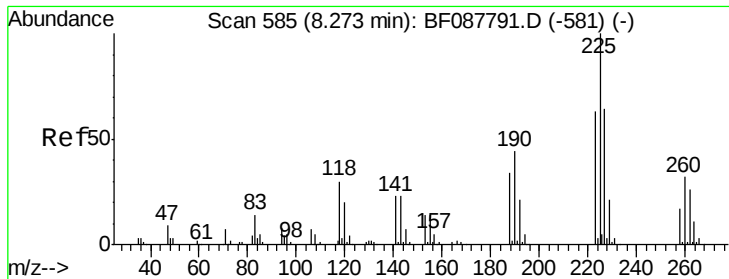
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#33
4-Chloroaniline
Concen: 16.34 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	119844		
129	32.3	26.3	39.5	
65	21.7	24.7	37.1	
92	15.5	15.4	23.0	





#34

Hexachlorobutadiene

Concen: 40.33 ng

RT: 8.08 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

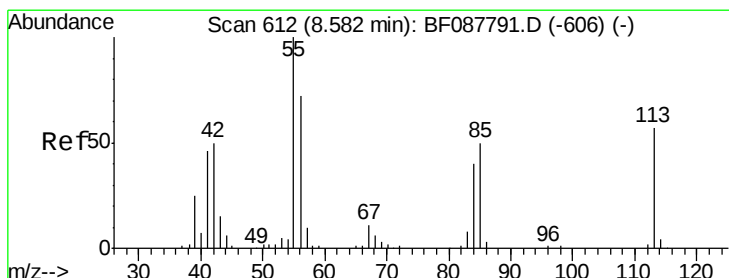
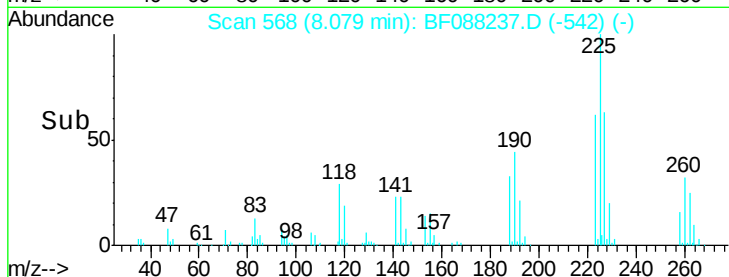
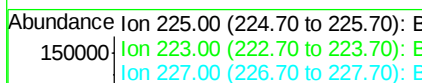
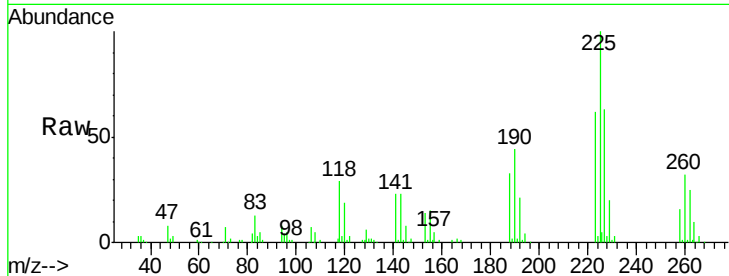
ClientSampleId :

PB91486BSD

Tot Ion:	225	Resp:	104981
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.9	76.3
227	63.0	51.9	77.9

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#35

Caprolactam

Concen: 42.16 ng m

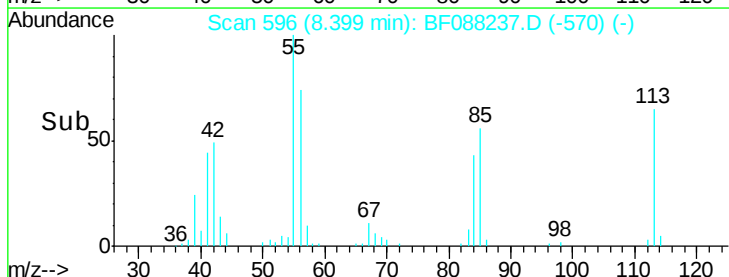
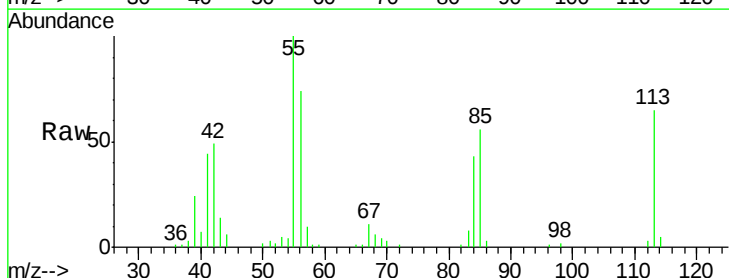
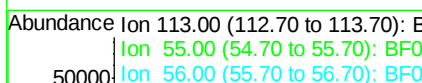
RT: 8.40 min Scan# 596

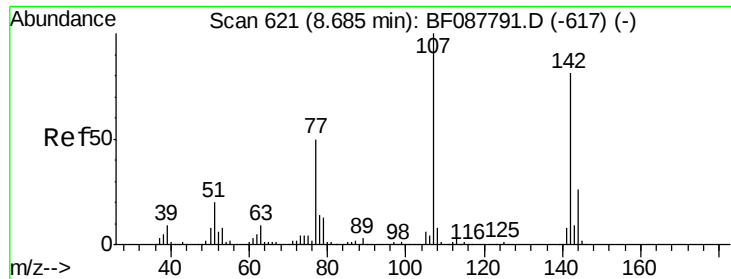
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	113	Resp:	63297
Ion Ratio	Lower	Upper	
113	100		
55	152.8	158.6	198.6#
56	112.6	110.6	150.6





#36

4-Chloro-3-methylphenol

Concen: 42.42 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

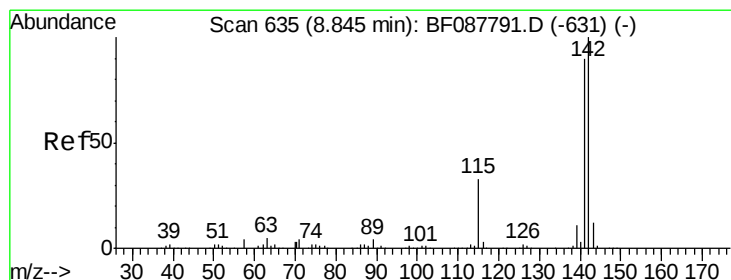
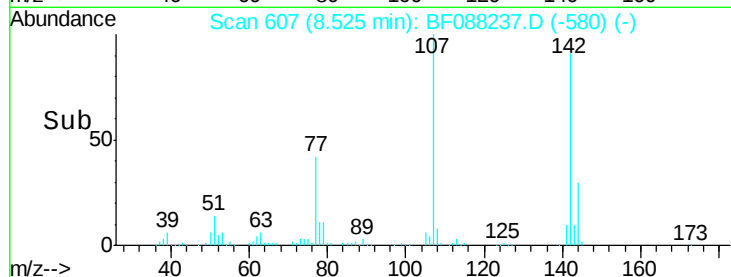
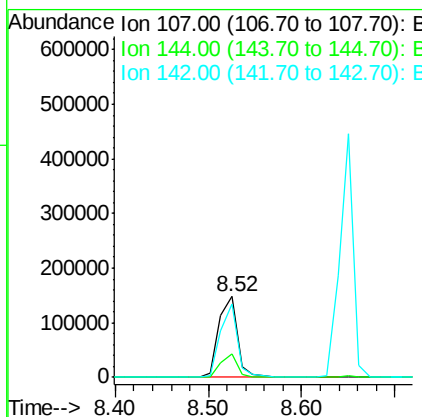
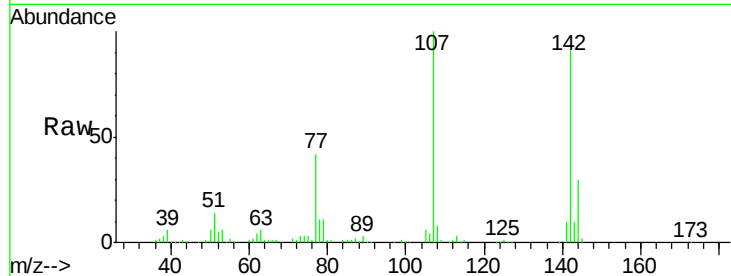
ClientSampleId :

PB91486BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	205622		
144	29.8	20.8	31.2	
142	90.9	63.4	95.2	

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#37

2-Methylnaphthalene

Concen: 41.68 ng

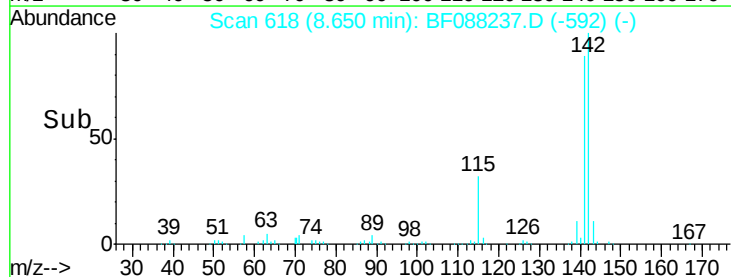
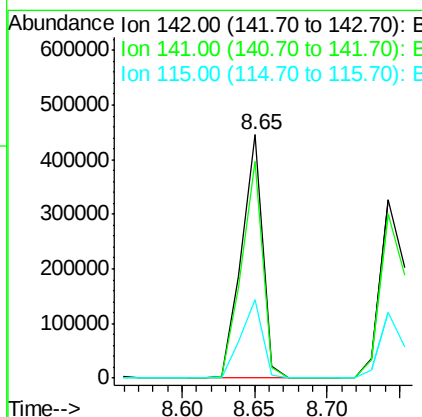
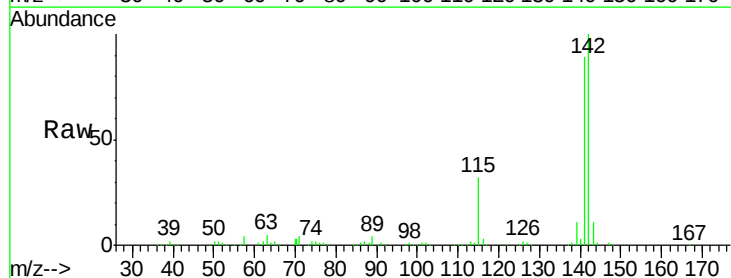
RT: 8.65 min Scan# 618

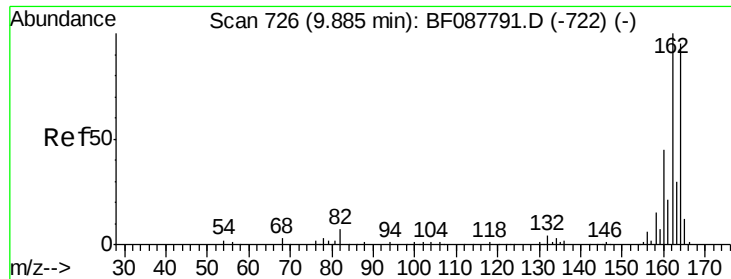
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	451052		
141	88.8	71.0	106.6	
115	32.3	22.6	33.8	





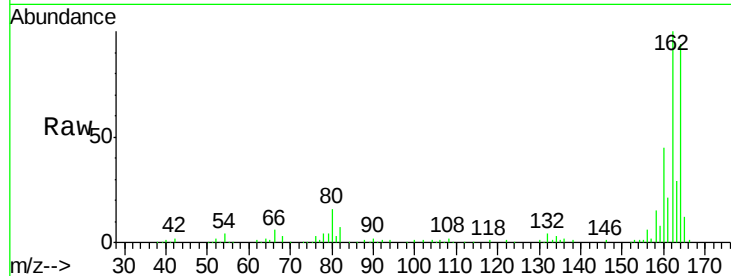
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.5	85.4	128.2	
160	48.2	39.5	59.3	

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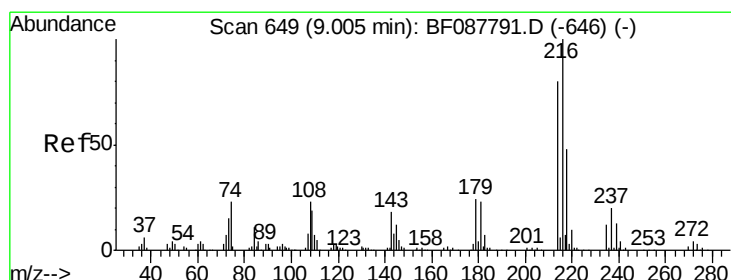
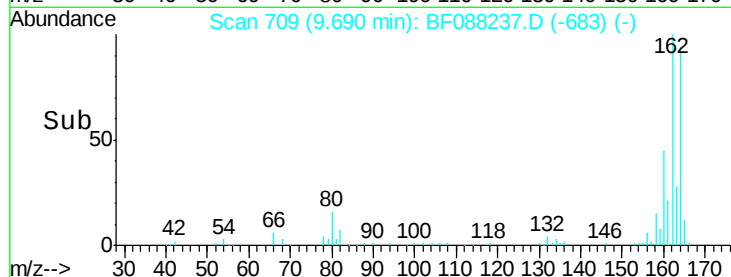
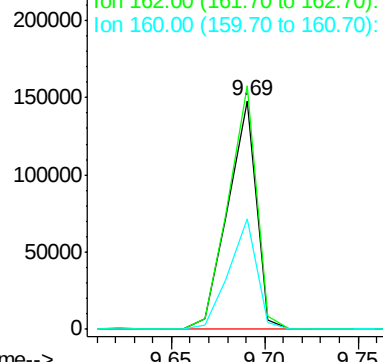


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.21 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	2.9	4.3#	
179	21.5	0.0	0.0#	
108	20.0	0.5	0.7#	

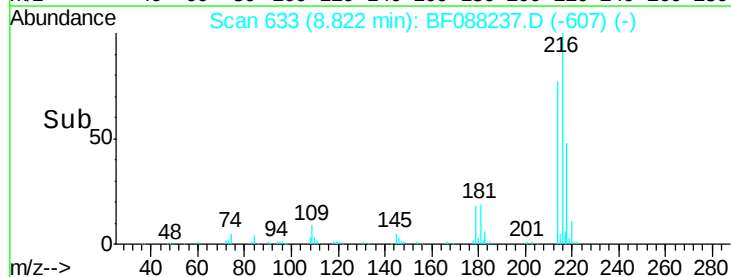
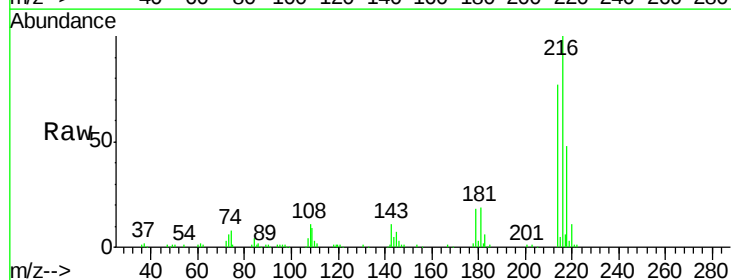
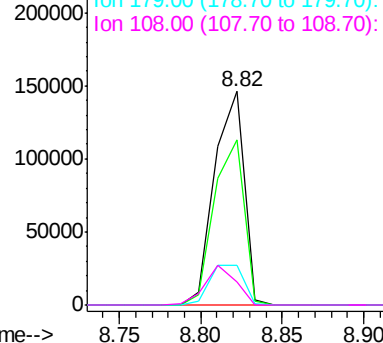
Abundance

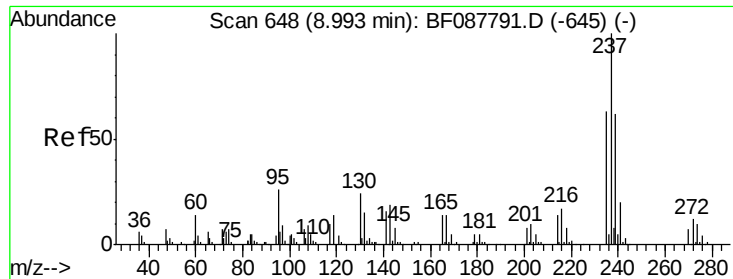
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





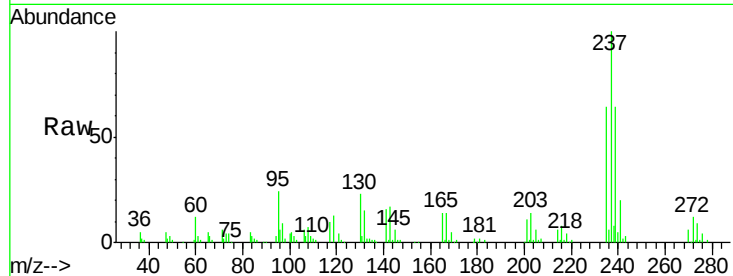
#40
Hexachlorocyclopentadiene
Concen: 40.72 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

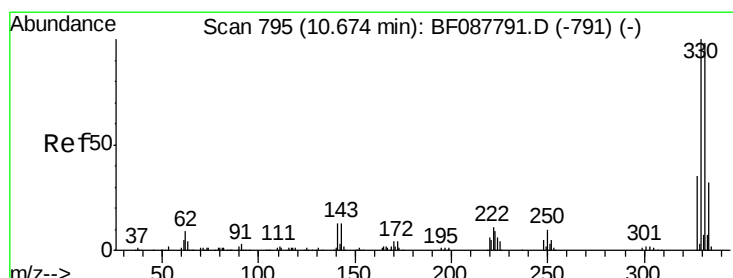
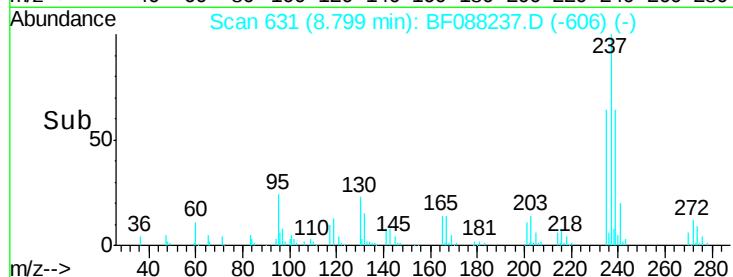
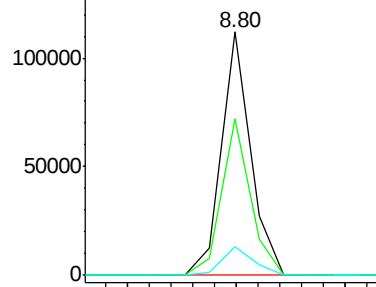
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	43.4	83.4
272	11.5	0.0	32.3

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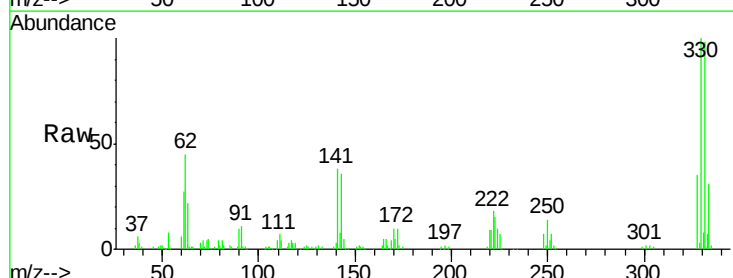


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

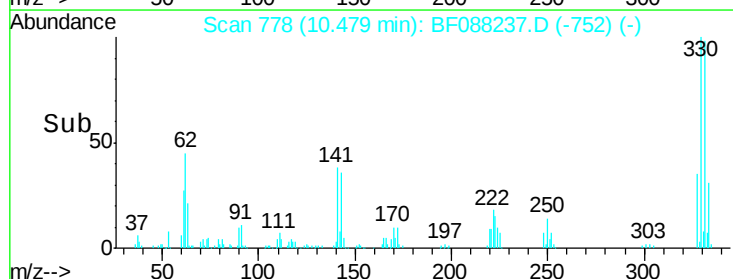
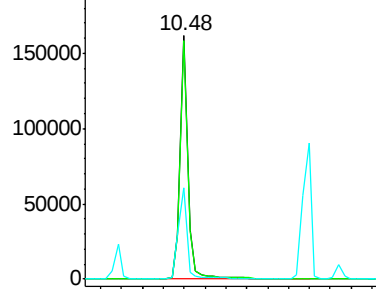


#41
2,4,6-Tribromophenol
Concen: 101.34 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	40.4	0.0	0.0#



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





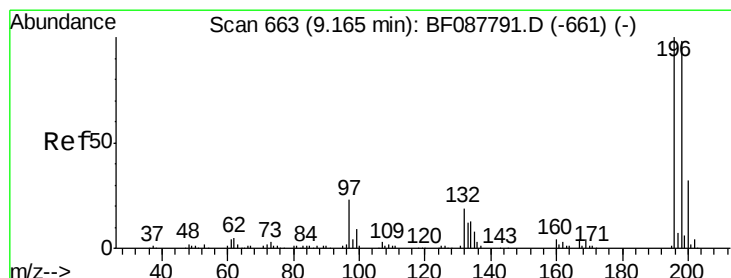
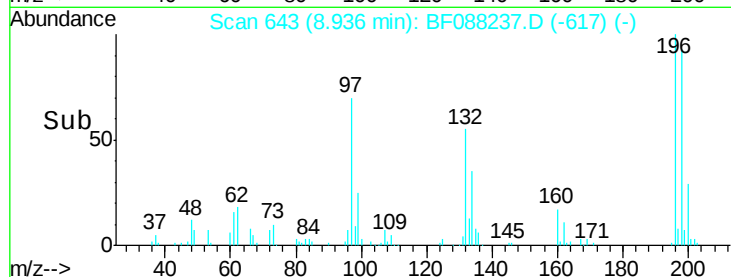
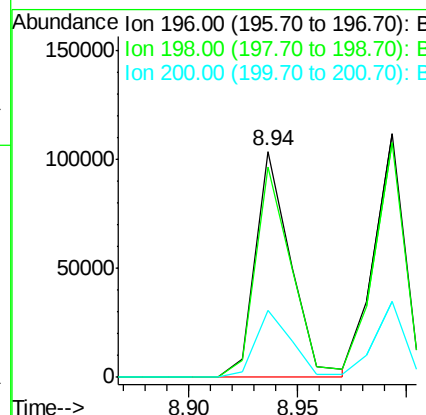
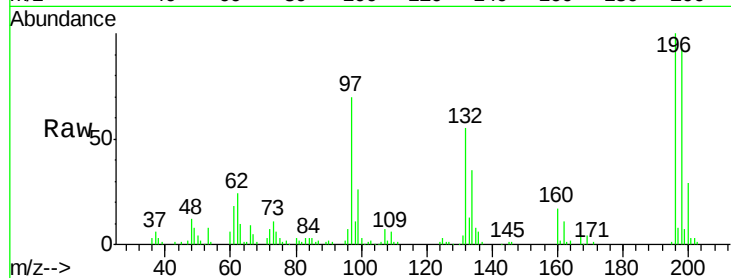
#42
 2,4,6-Trichlorophenol
 Concen: 36.88 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampled :
 PB91486BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117143		
198	93.0	78.0	117.0	
200	29.4	25.4	38.2	

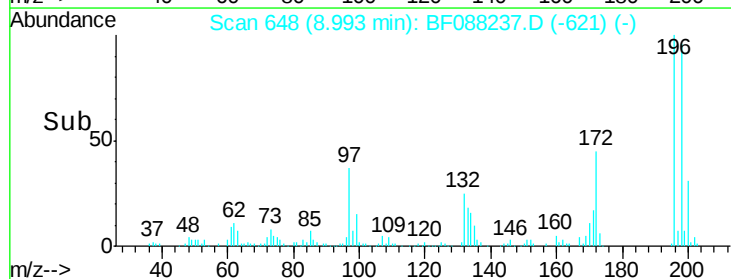
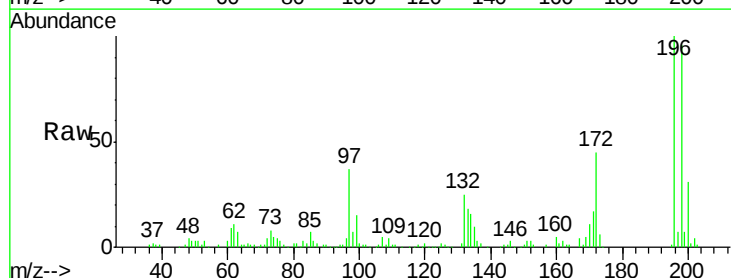
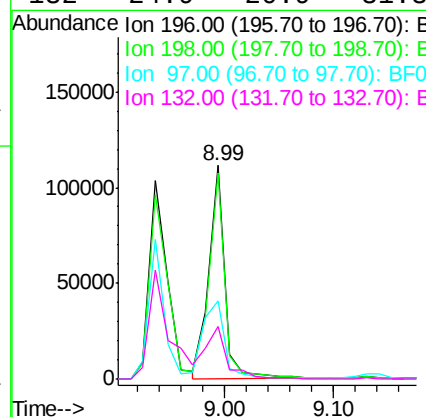
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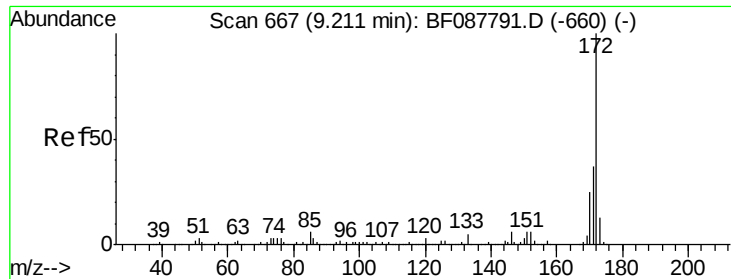
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#43
 2,4,5-Trichlorophenol
 Concen: 34.99 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115630		
198	96.4	77.5	116.3	
97	36.5	32.0	48.0	
132	24.9	20.9	31.3	





#44

2-Fluorobiphenyl

Concen: 81.44 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

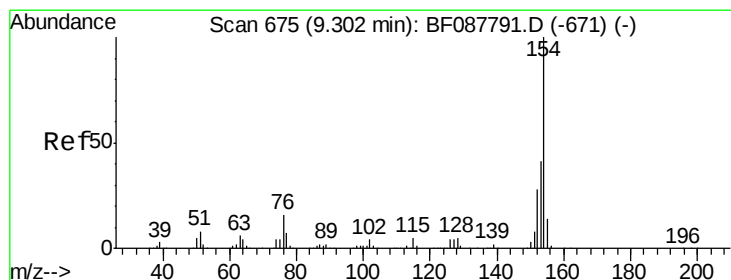
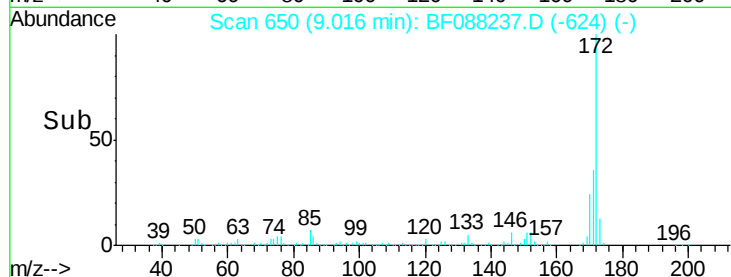
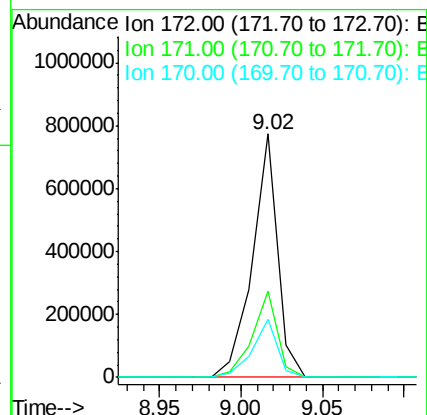
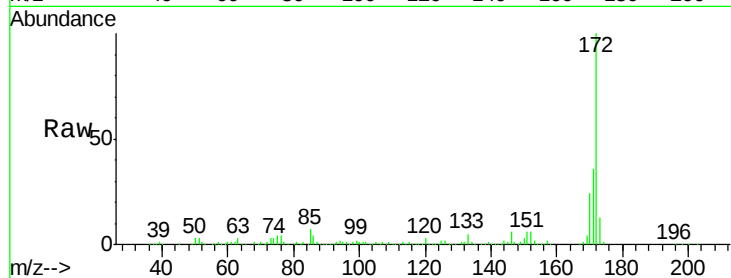
ClientSampled :

PB91486BSD

Tot Ion:	172	Resp:	825757
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	24.1	19.2	28.8

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#45

1,1'-Biphenyl

Concen: 46.49 ng

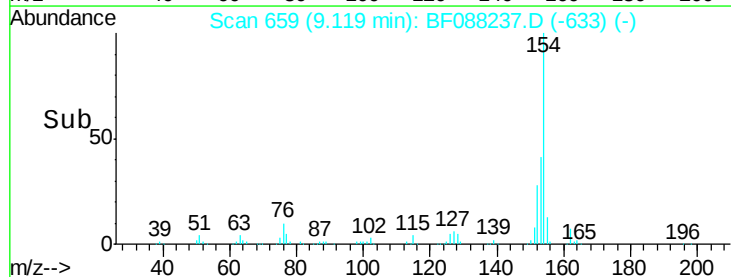
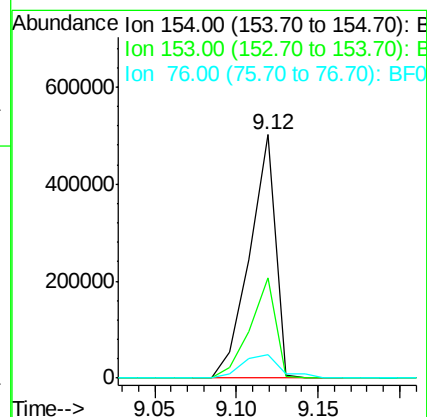
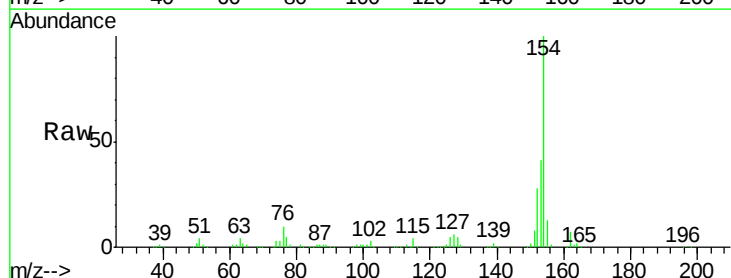
RT: 9.12 min Scan# 659

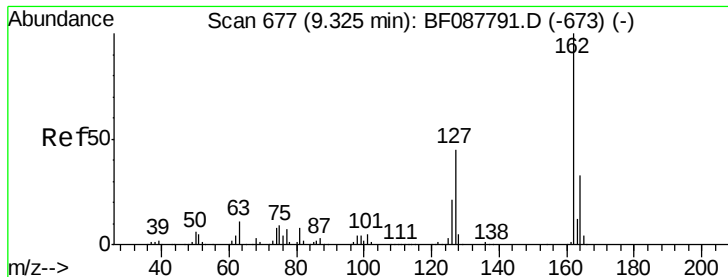
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	154	Resp:	551805
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.6	60.6
76	9.8	0.0	35.1





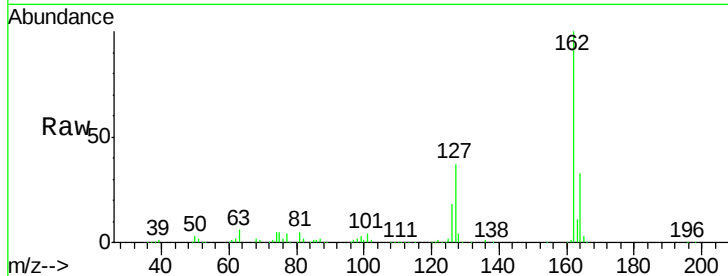
#46
2-Chloronaphthalene
Concen: 41.44 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

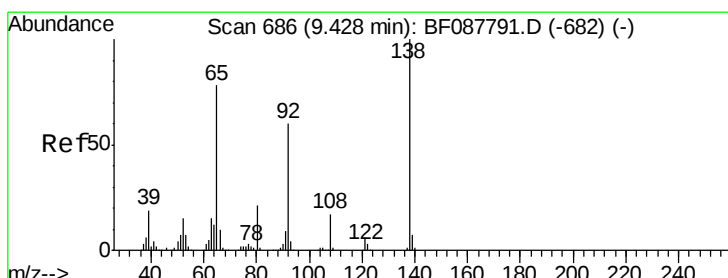
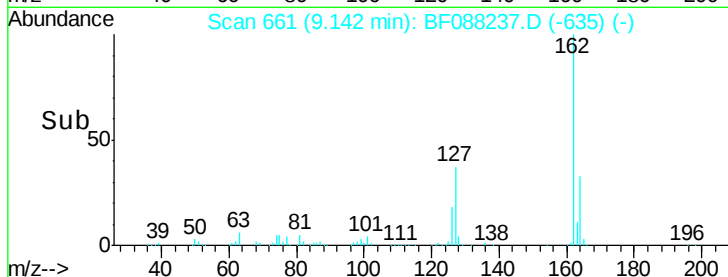
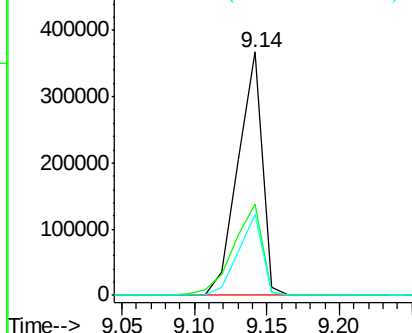
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	37.3	35.2	52.8
164	33.4	26.6	39.8

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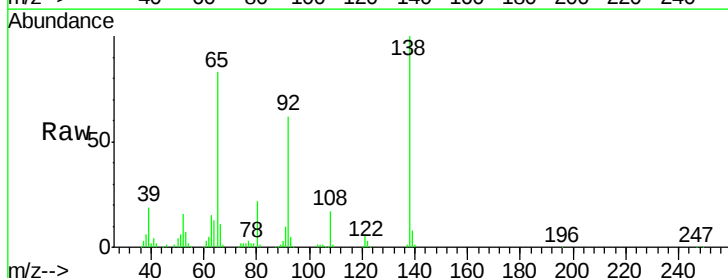


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

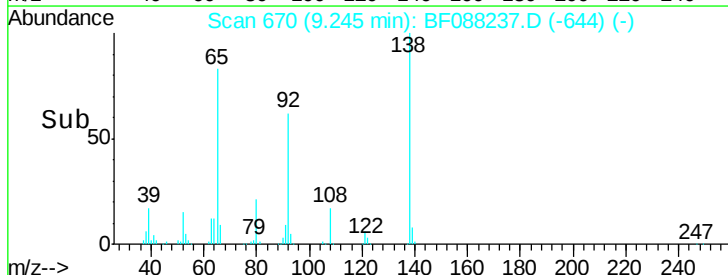
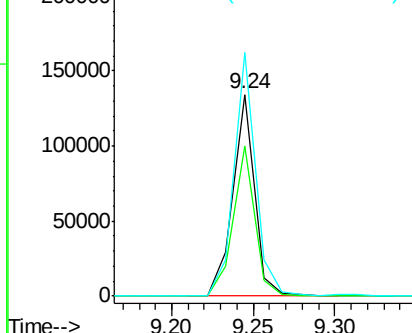


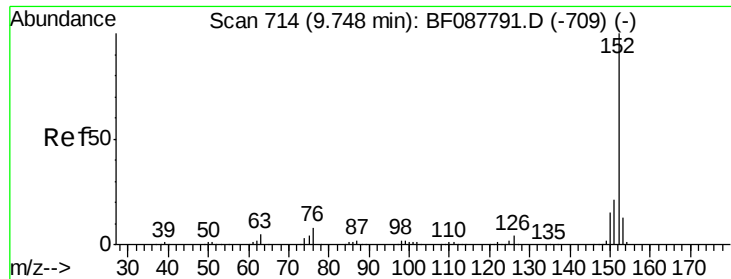
#47
2-Nitroaniline
Concen: 40.39 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.6	54.6	82.0
138	120.7	77.0	115.4



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





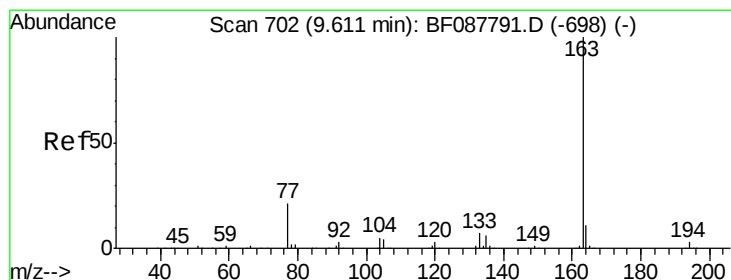
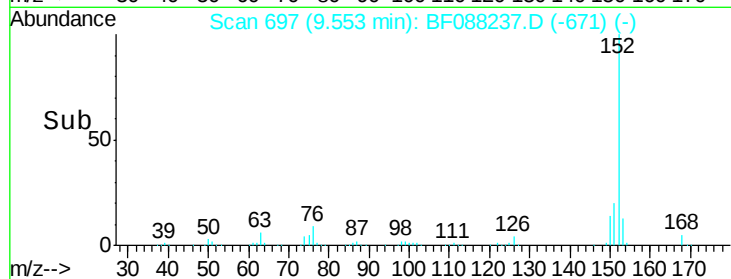
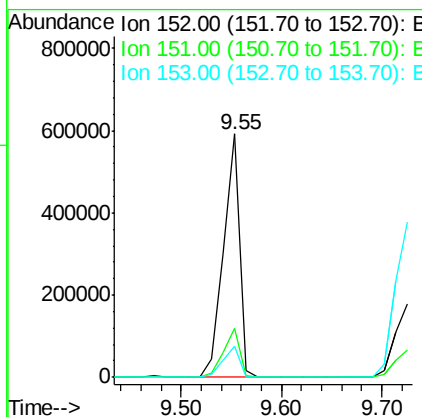
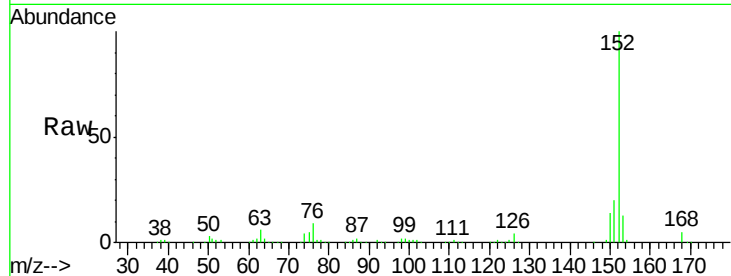
#48
Acenaphthylene
Concen: 40.12 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion:	152	Resp:	655979
Ion Ratio		Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.0	11.0	16.6

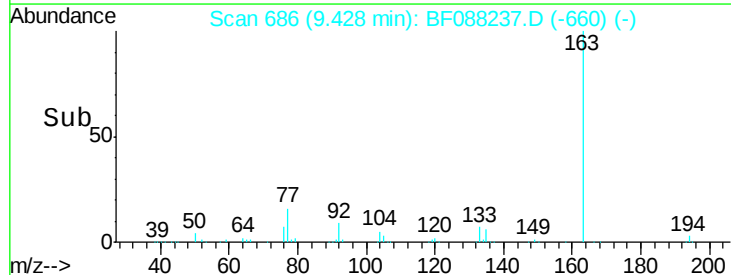
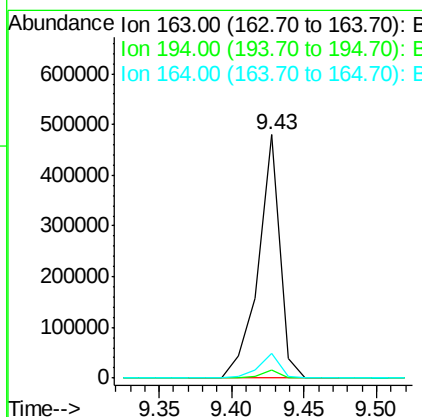
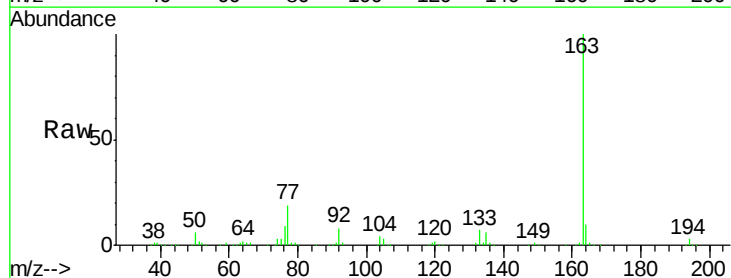
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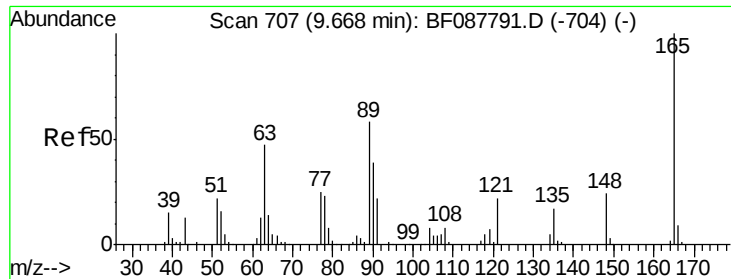
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#49
Dimethylphthalate
Concen: 43.07 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion:	163	Resp:	495503
Ion Ratio		Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.3	12.5





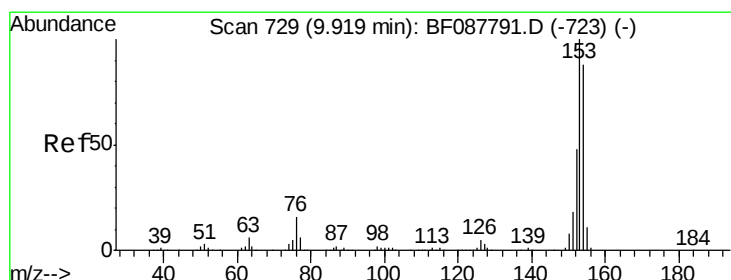
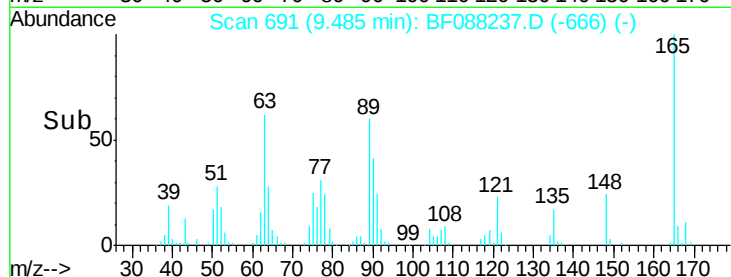
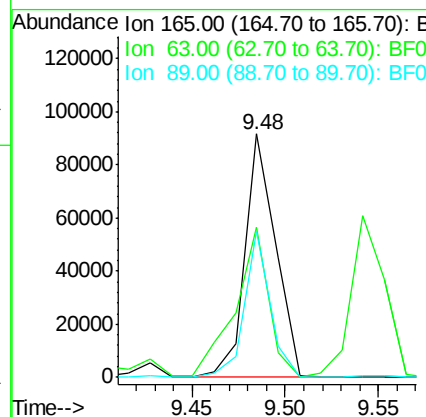
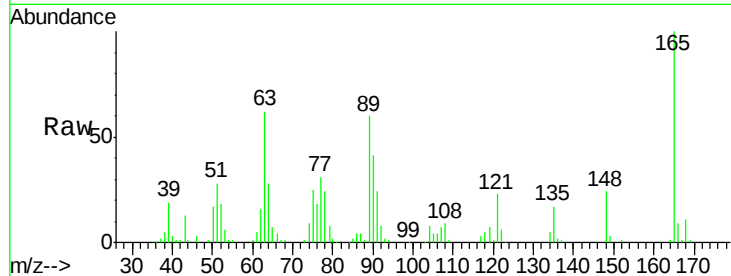
#50
2,6-Dinitrotoluene
Concen: 39.49 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	61.8	28.1	42.1#
89	60.3	32.2	48.2#

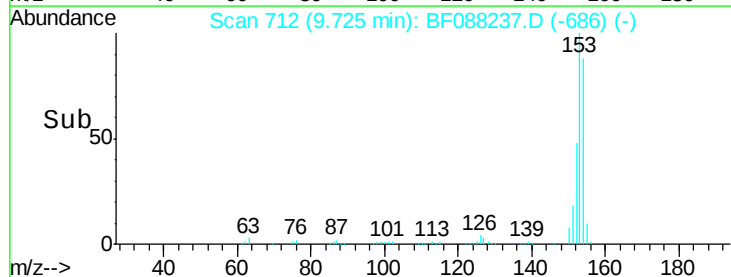
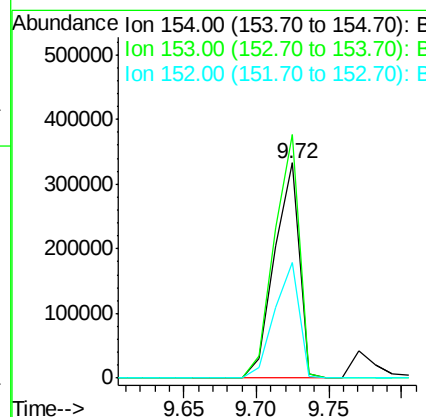
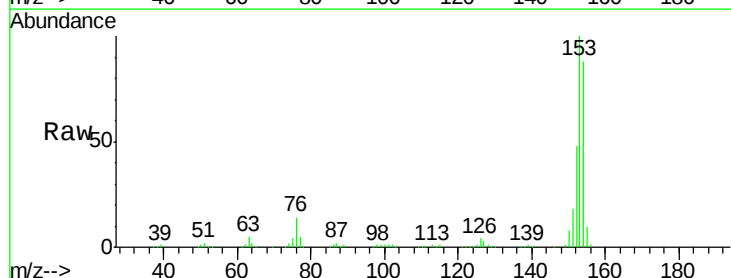
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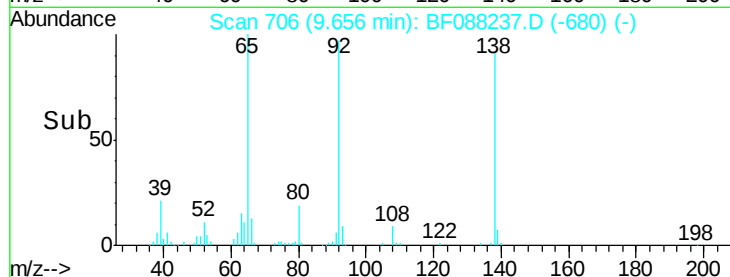
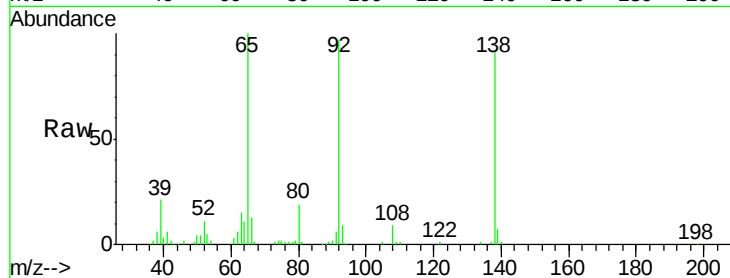
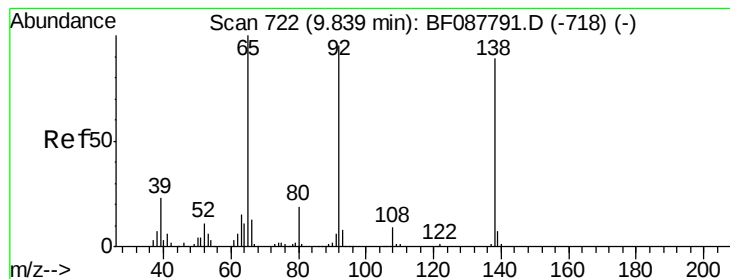
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#51
Acenaphthene
Concen: 38.74 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.1	89.5	134.3
152	53.8	42.7	64.1





#52

3-Nitroaniline

Concen: 22.93 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tot Ion:	138	Resp:	69731
Ion Ratio	Lower	Upper	
138	100		
108	10.0	8.5	12.7
92	106.5	95.7	143.5

Instrument :

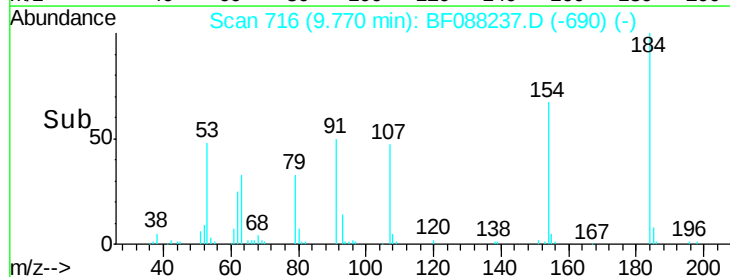
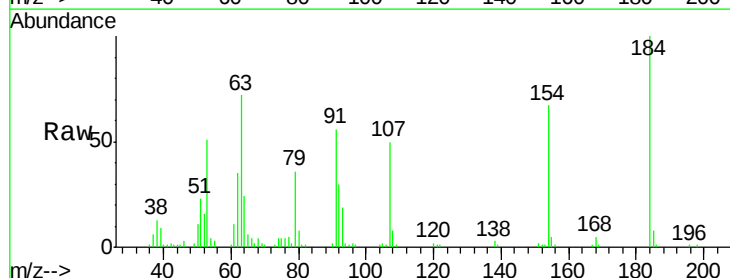
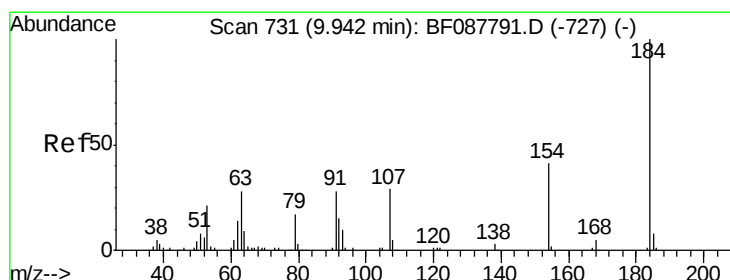
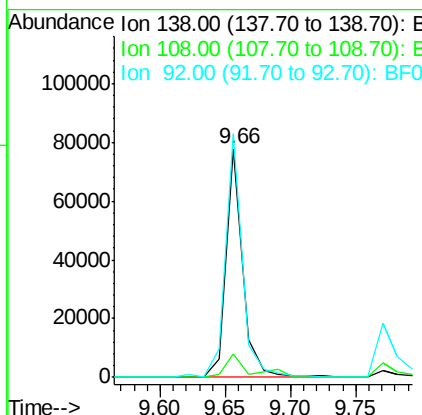
BNA_F

ClientSampleId :

PB91486BSD

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#53

2,4-Dinitrophenol

Concen: 62.89 ng

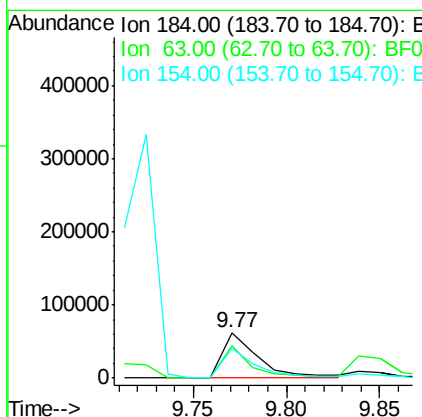
RT: 9.77 min Scan# 716

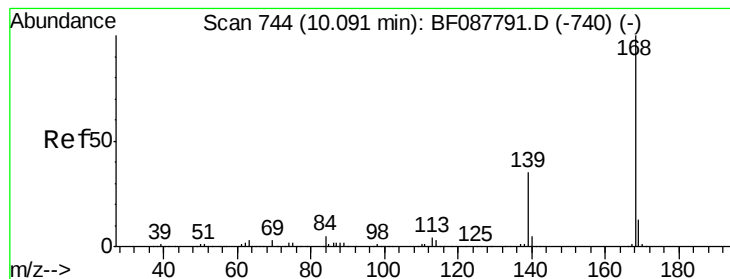
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	184	Resp:	85602
Ion Ratio	Lower	Upper	
184	100		
63	71.9	57.6	86.4
154	66.7	53.5	80.3





#54

Dibenzofuran

Concen: 38.86 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

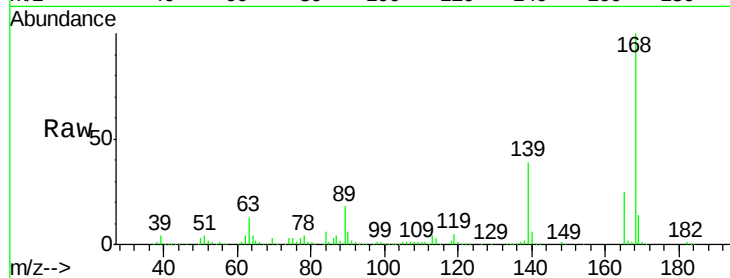
ClientSampleId :

PB91486BSD

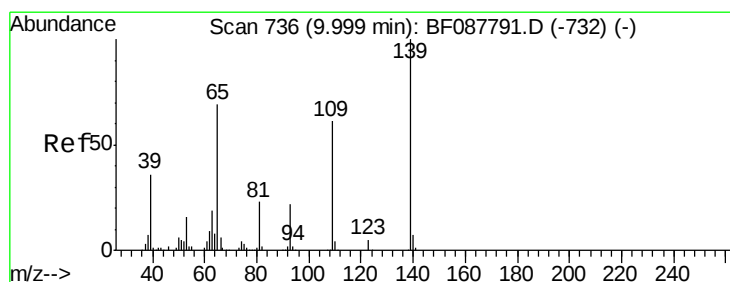
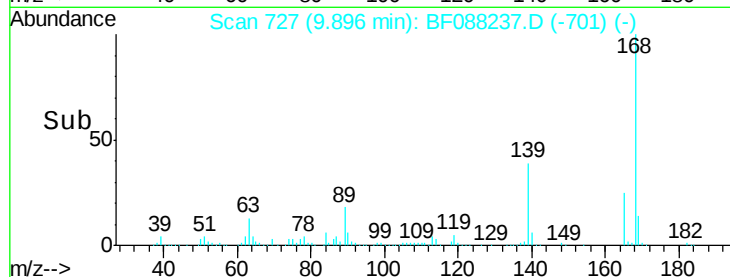
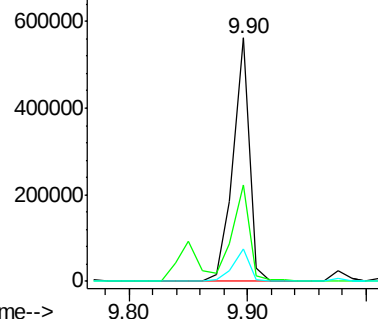
Tot Ion:	168	Resp:	545829
Ion Ratio	Lower	Upper	
168	100		
139	39.4	26.4	39.6
169	13.5	10.4	15.6

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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: 51.59 ng

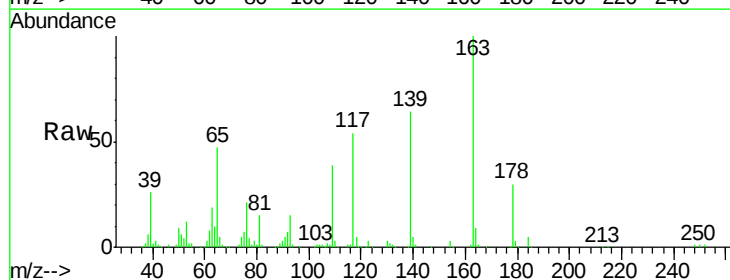
RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

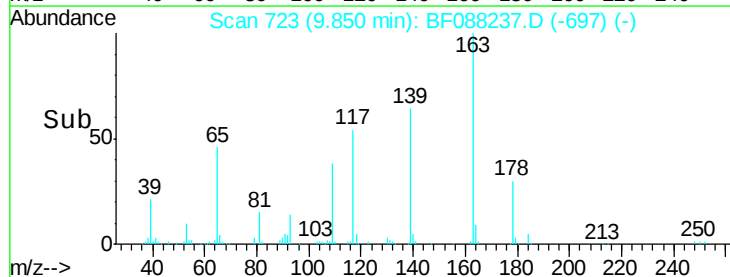
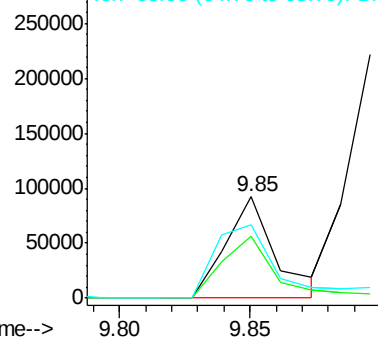
Lab File: BF088237.D

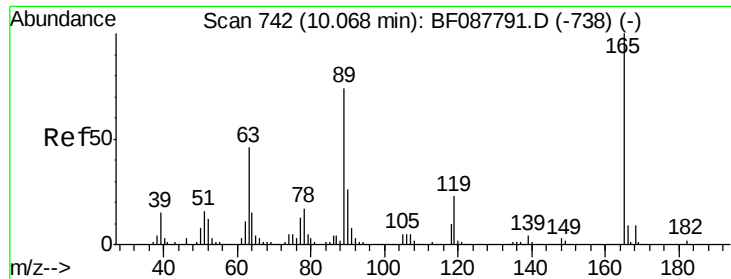
Acq: 22 Jun 2016 3:03

Tgt Ion:	139	Resp:	121754
Ion Ratio	Lower	Upper	
139	100		
109	60.8	48.9	88.9
65	73.1	84.9	124.9#



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





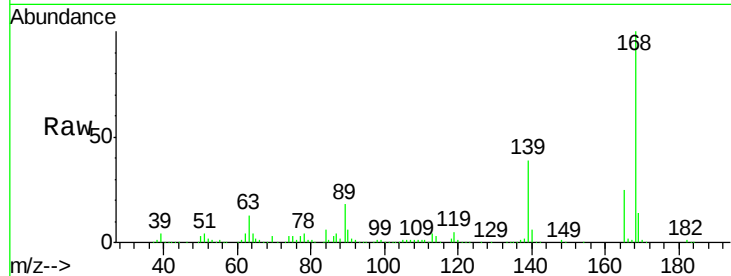
#56
2,4-Dinitrotoluene
Concen: 39.61 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

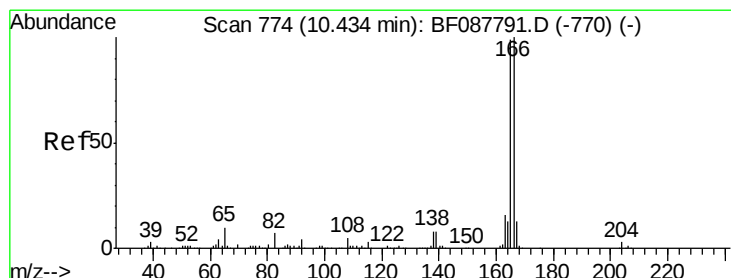
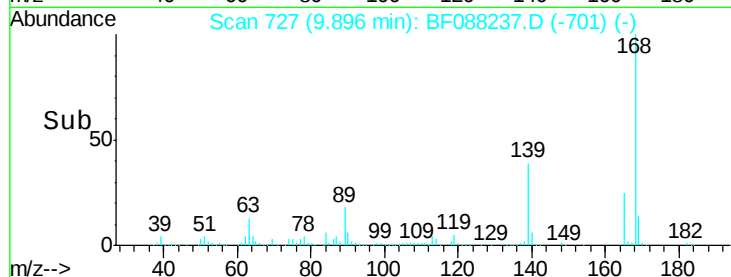
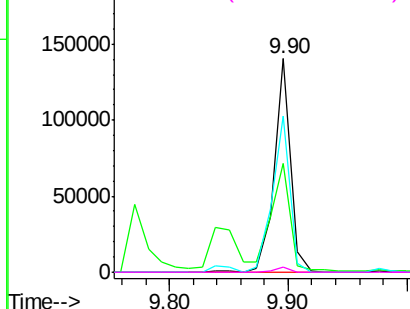
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		134143		
63	51.1	22.0	33.0#		
89	73.1	41.1	61.7#		
182	2.4	2.0	3.0		

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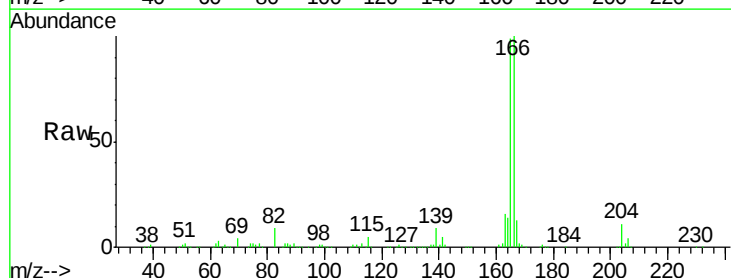


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

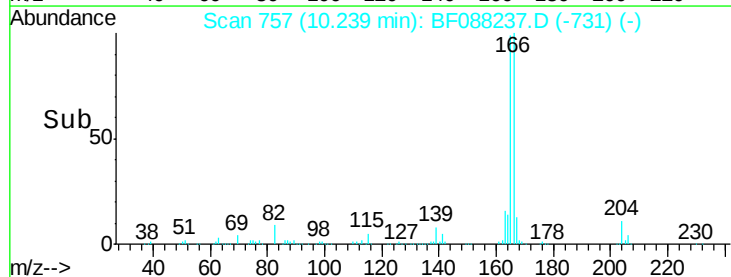
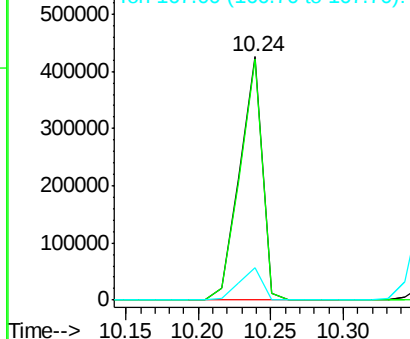


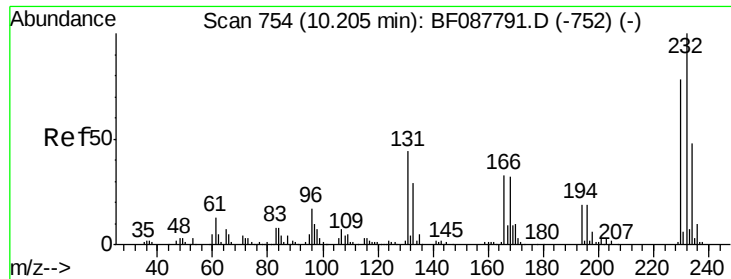
#57
Fluorene
Concen: 48.70 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		458451		
165	98.9	77.8	116.8		
167	13.1	11.2	16.8		



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





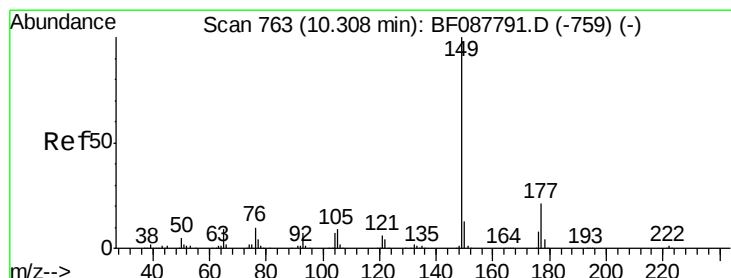
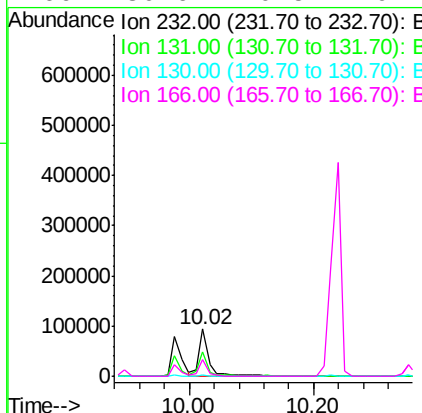
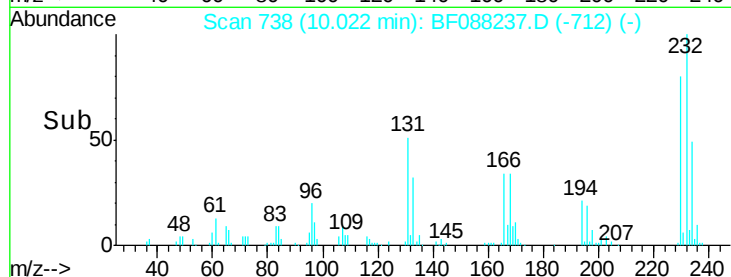
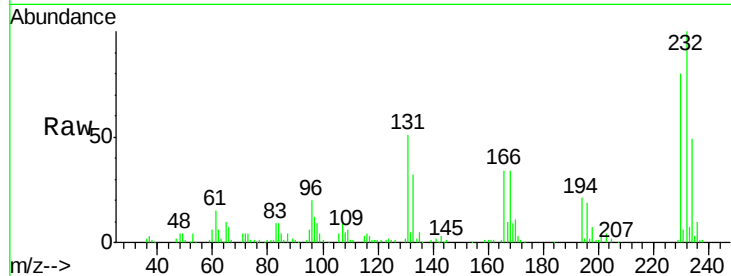
#58
2,3,4,6-Tetrachlorophenol
Concen: 40.86 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.3	0.9	1.3#
130	2.0	1.5	2.3
166	30.6	0.5	0.7#

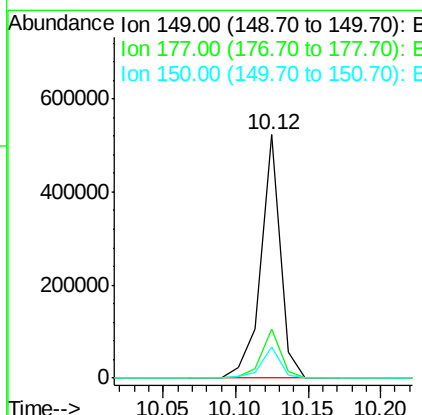
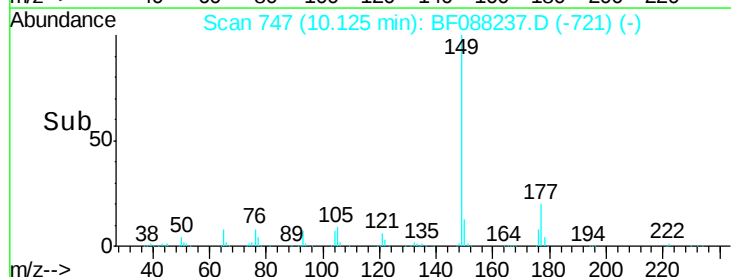
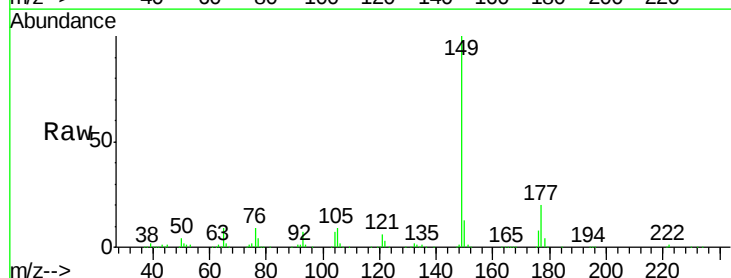
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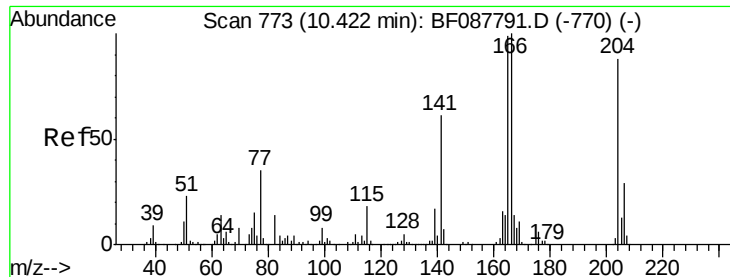
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#59
Diethylphthalate
Concen: 41.75 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.3	16.9	25.3
150	12.5	10.1	15.1





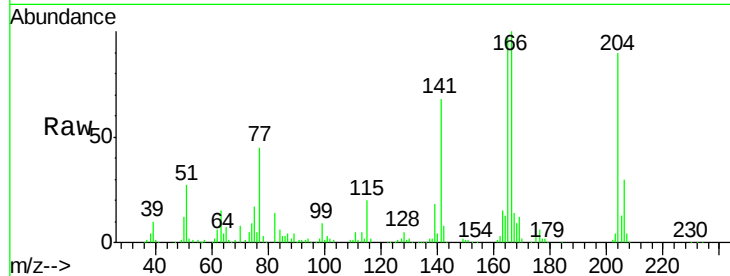
#60
4-Chlorophenyl-phenylether
Concen: 37.87 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampled :
PB91486BSD

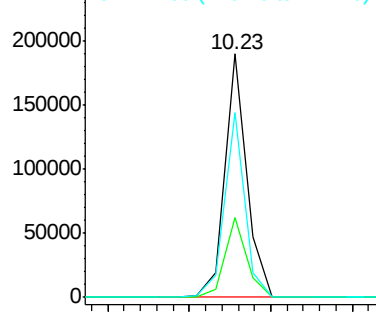
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	75.7	55.0	82.6

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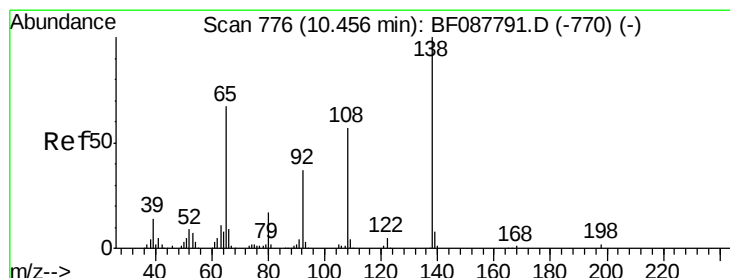
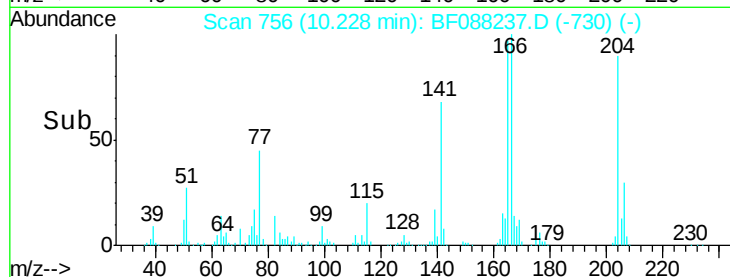
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Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



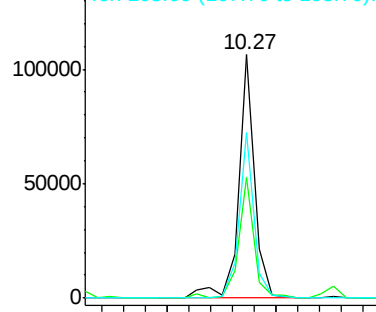
Time-->



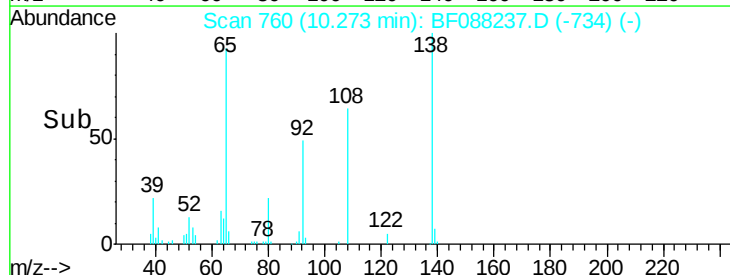
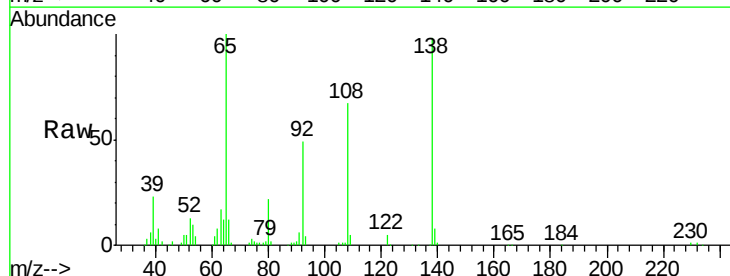
#61
4-Nitroaniline
Concen: 37.80 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

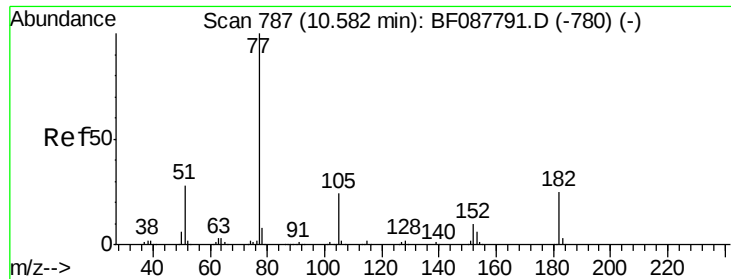
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	27.3	67.3
108	67.9	46.7	86.7

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



Time-->





#62

Azobenzene

Concen: 40.51 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

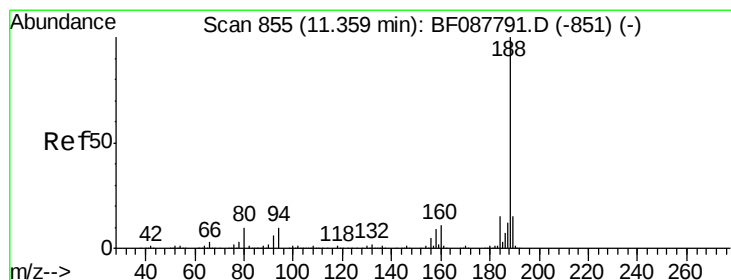
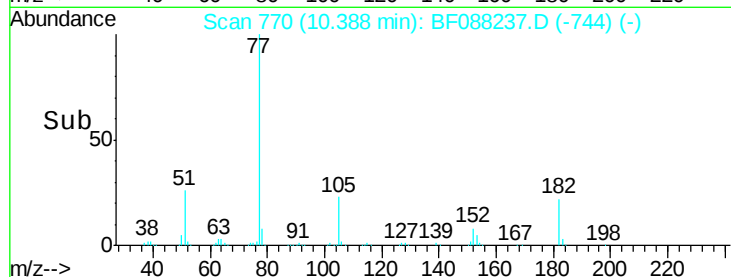
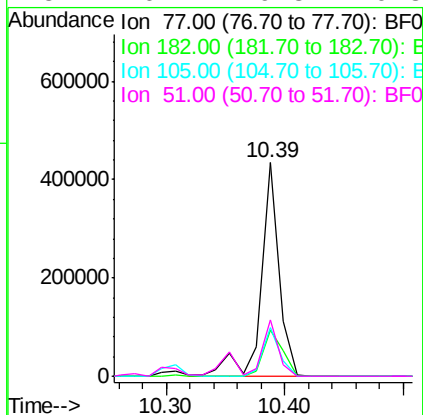
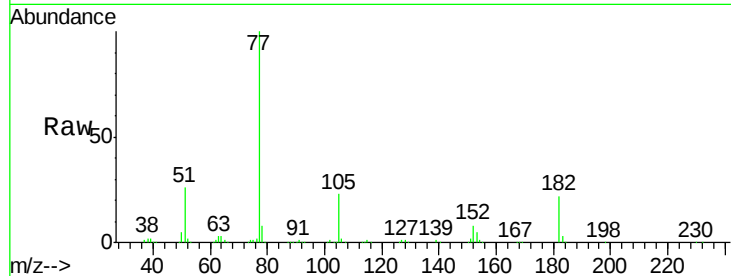
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		466503		
182	21.6	4.4	44.4		
105	23.1	3.8	43.8		
51	26.4	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

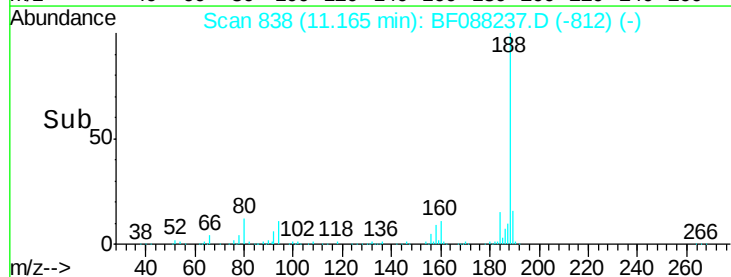
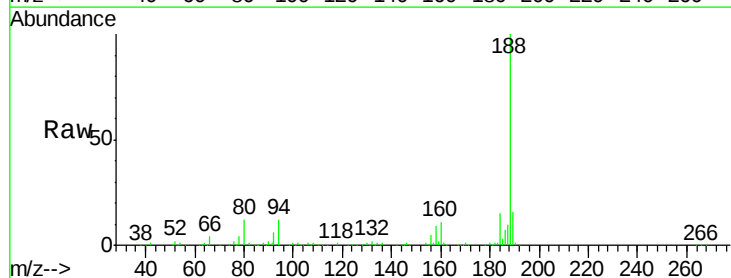
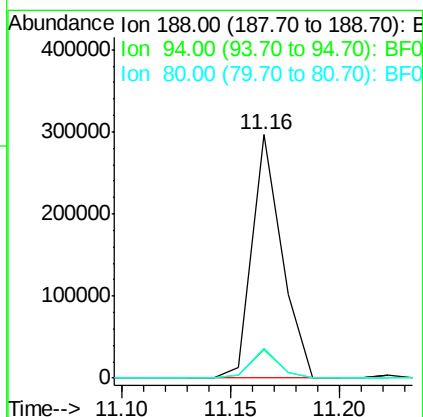
RT: 11.16 min Scan# 838

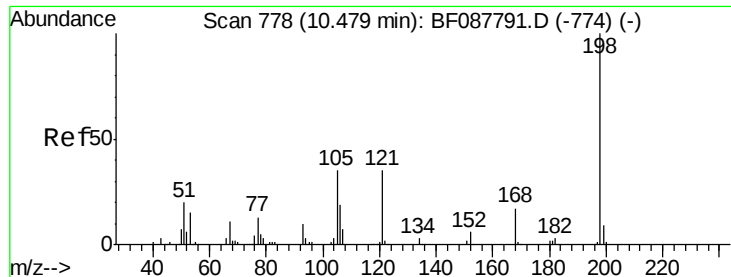
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		283056		
94	11.7	9.0	13.6		
80	12.5	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 40.16 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

ClientSampled :

PB91486BSD

Tot Ion:198 Resp: 70317

Ion Ratio Lower Upper

198 100

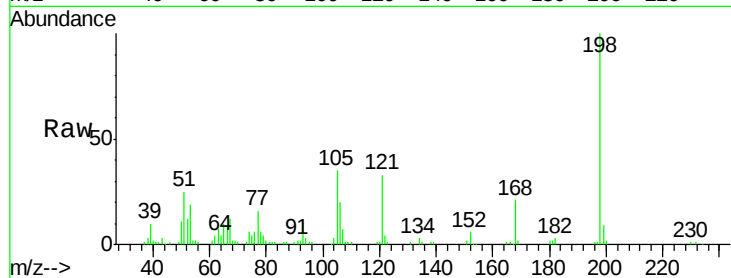
51 25.1 39.6 79.6#

105 35.3 36.6 76.6#

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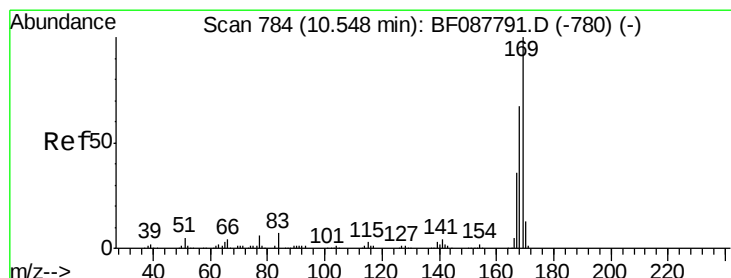
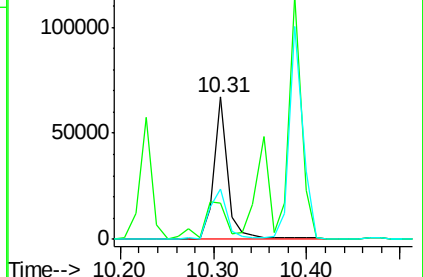
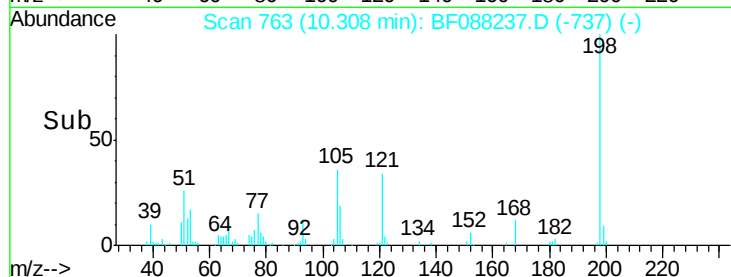
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 42.11 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

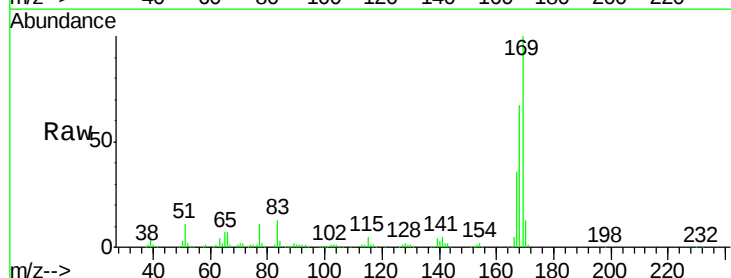
Tgt Ion:169 Resp: 395504

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.0

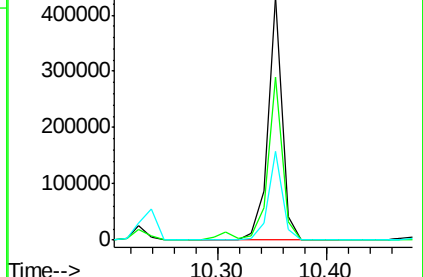
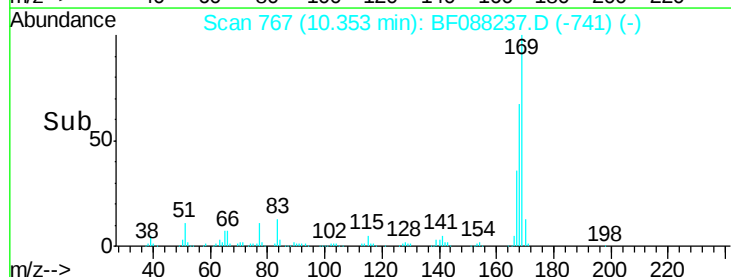
167 36.4 29.4 44.0

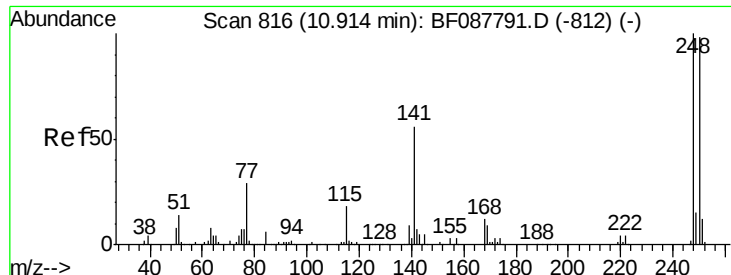


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





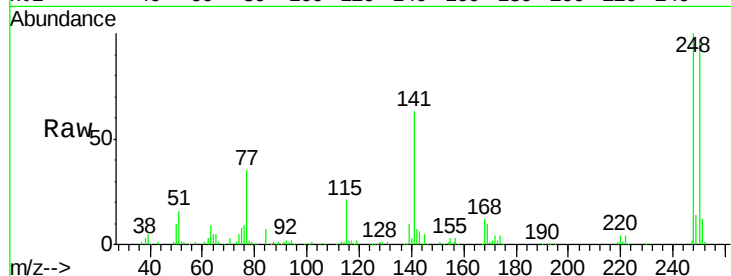
#66
4-Bromophenyl-phenylether
Concen: 42.66 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

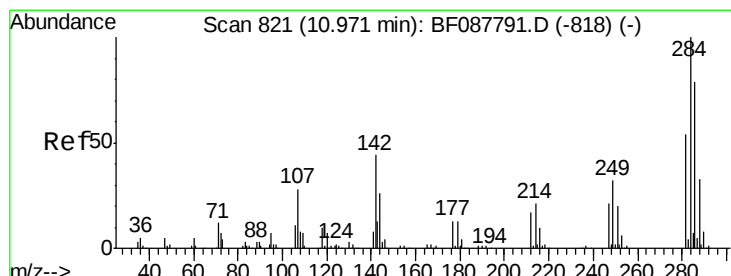
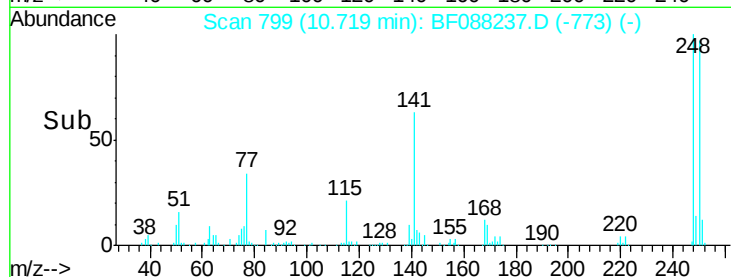
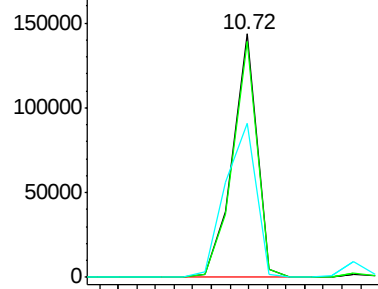
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.1	115.7
141	63.2	50.6	76.0

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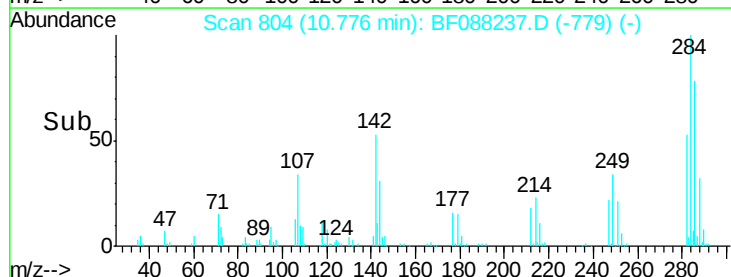
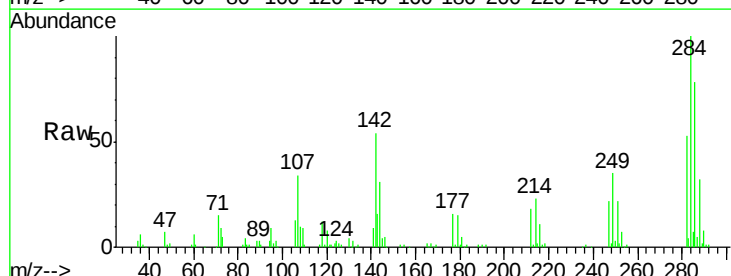
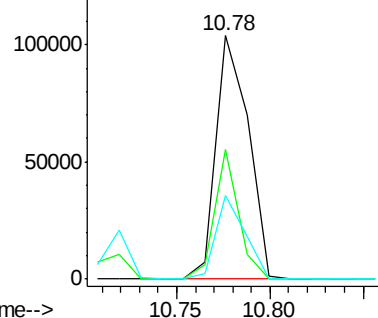
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 39.64 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
284	100		
142	53.5	35.8	53.8
249	34.6	25.8	38.6

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





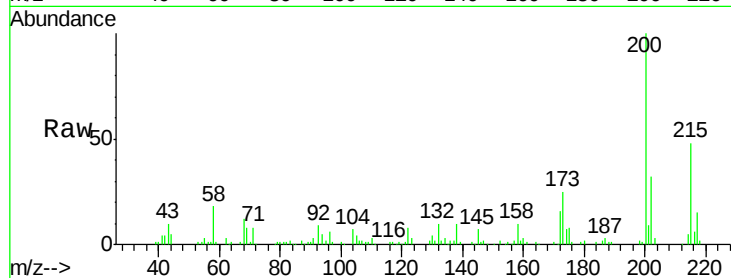
#68
Atrazine
Concen: 44.62 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

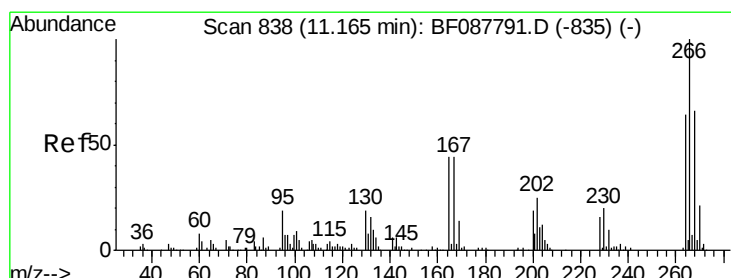
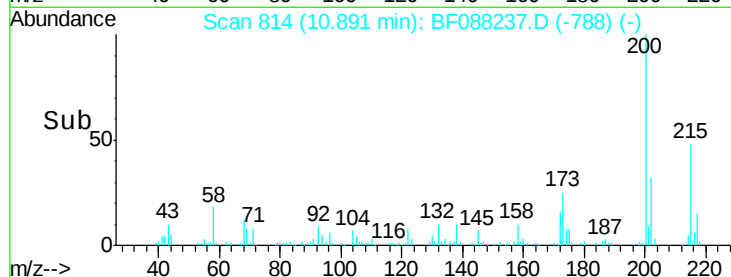
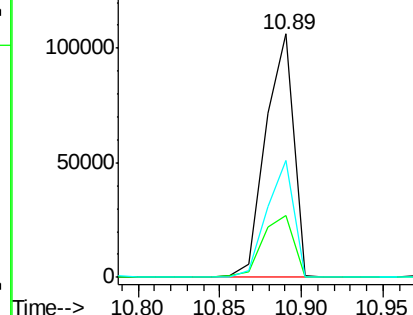
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.3	4.0	44.0
215	48.0	29.3	69.3

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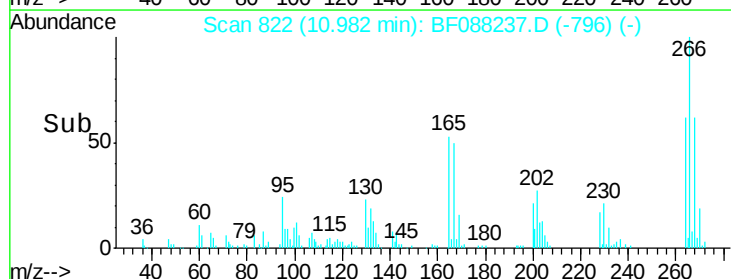
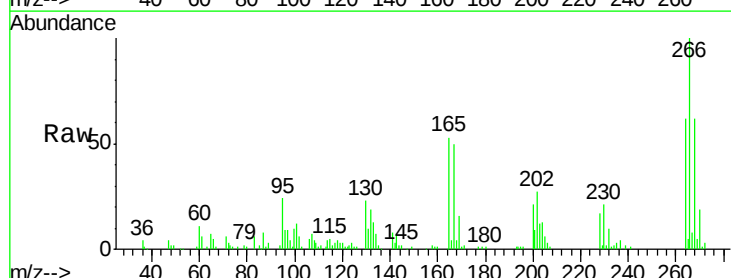
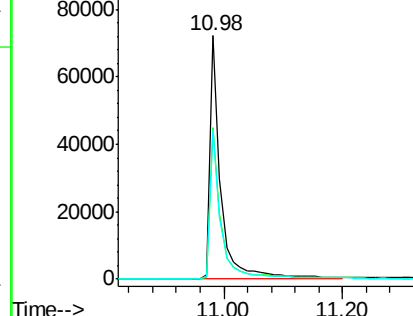
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

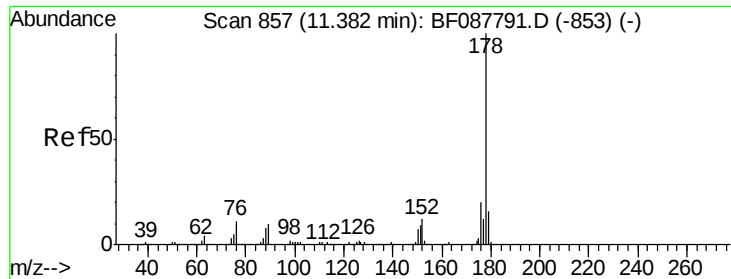


#69
Pentachlorophenol
Concen: 57.17 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.0	52.8	79.2
264	61.9	49.6	74.4

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





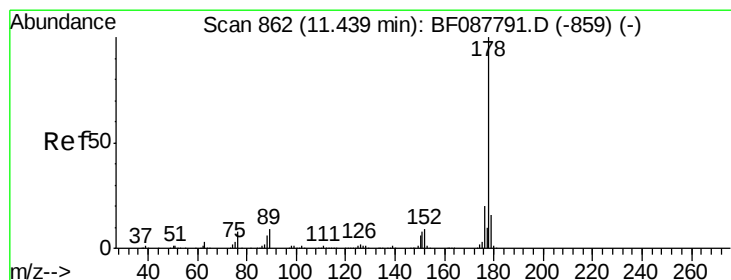
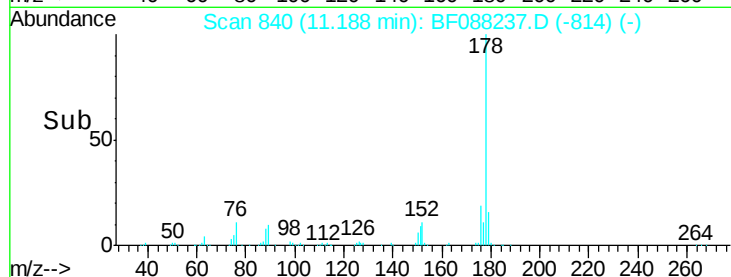
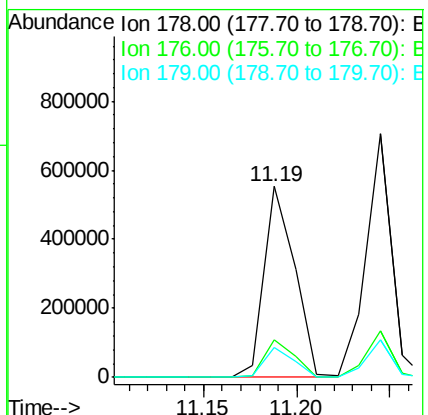
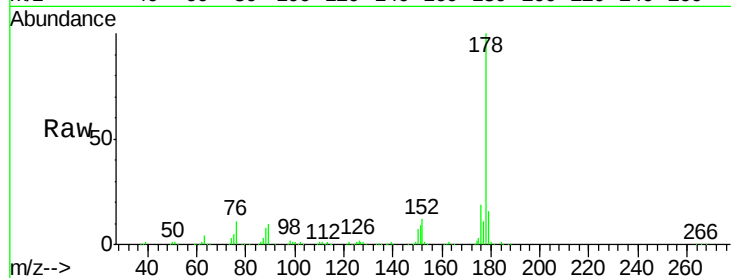
#70
Phenanthrene
Concen: 42.05 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.9	13.0	19.4

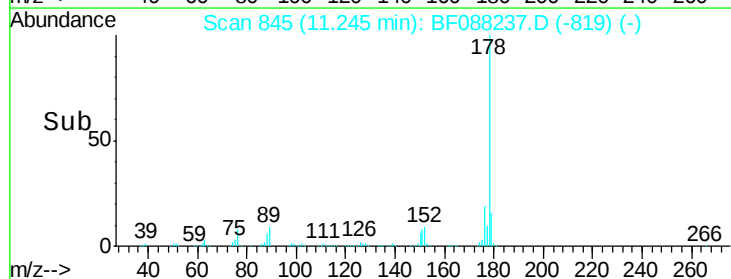
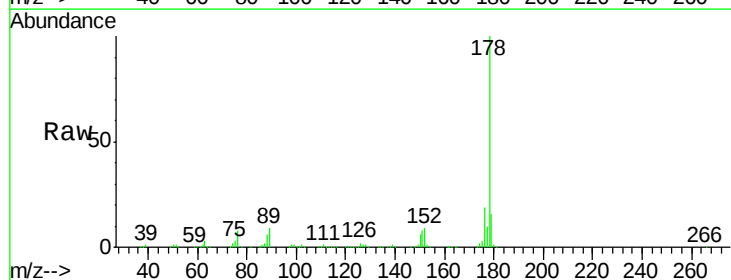
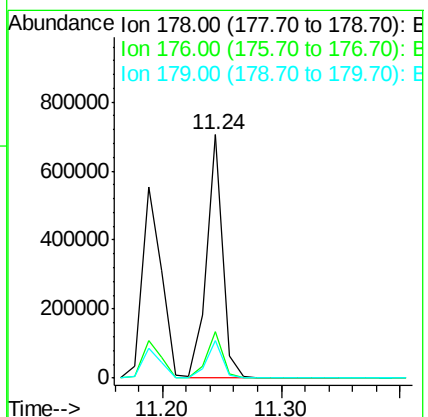
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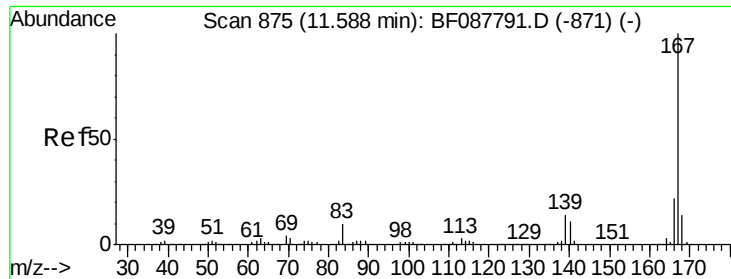
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#71
Anthracene
Concen: 44.02 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.6	12.8	19.2





#72

Carbazole

Concen: 45.36 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

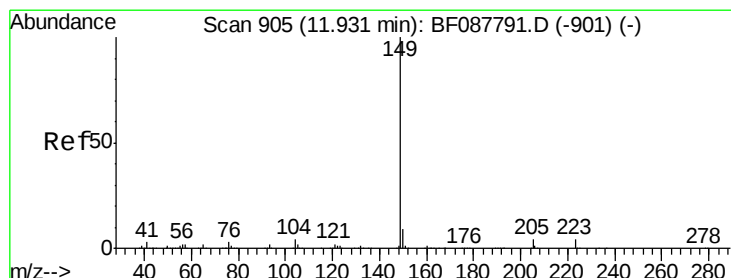
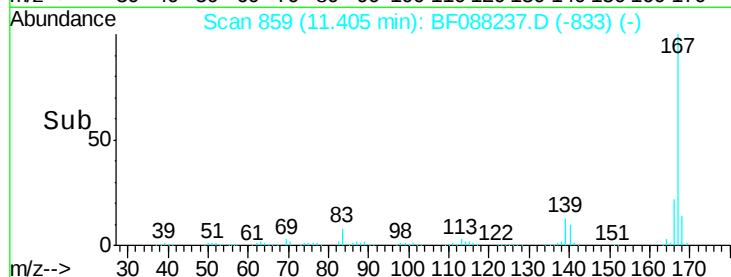
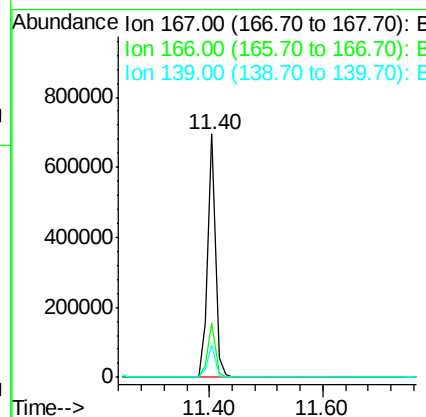
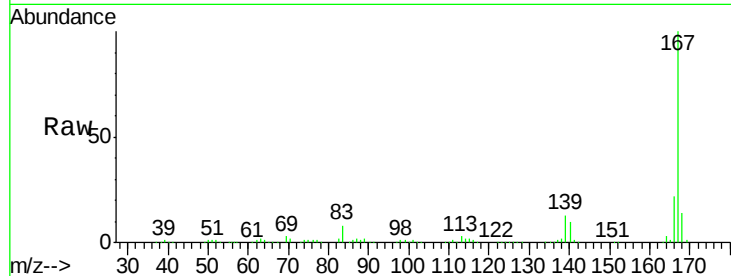
ClientSampleId :

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Tot Ion:	167	Resp:	635978
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.6
139	13.5	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 41.03 ng

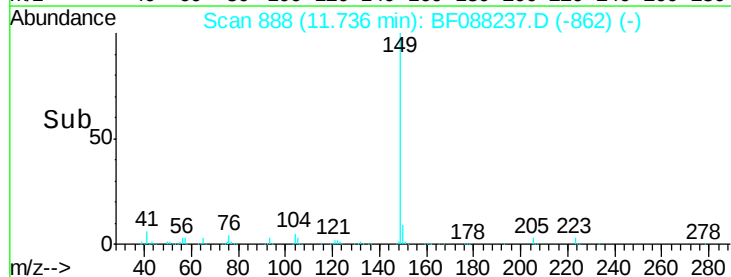
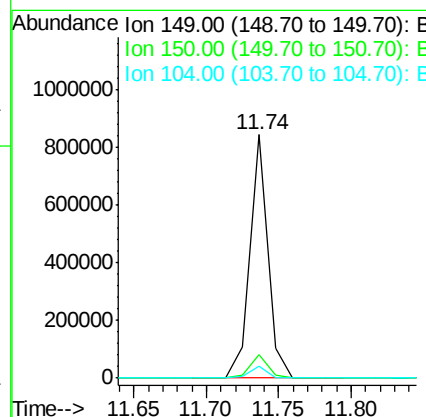
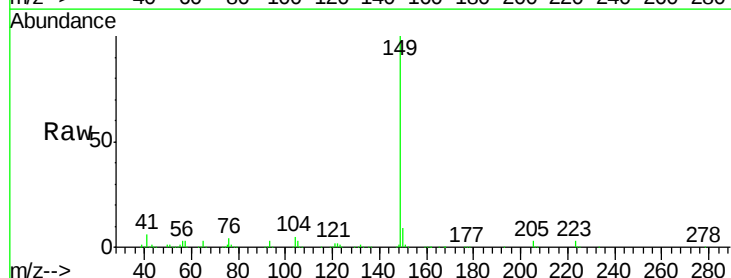
RT: 11.74 min Scan# 888

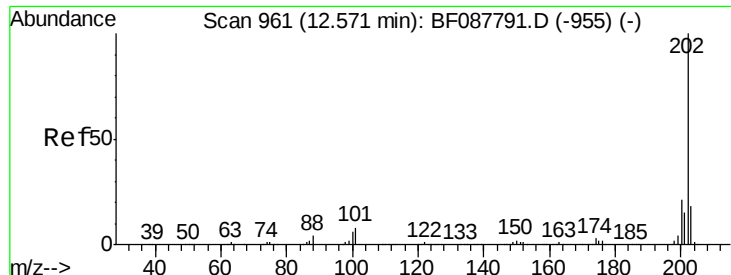
Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	149	Resp:	728297
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.7	4.0	6.0





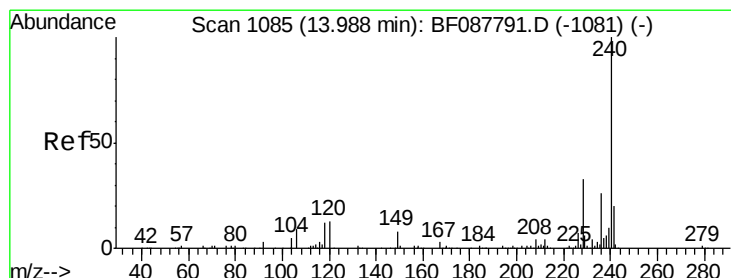
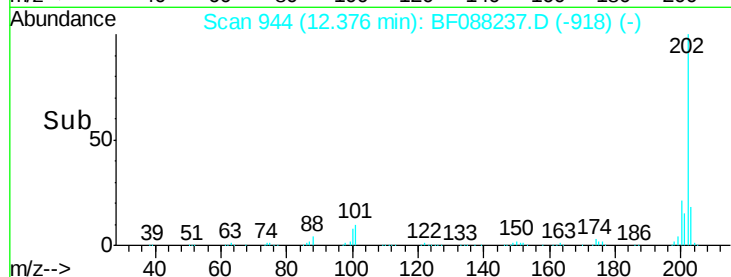
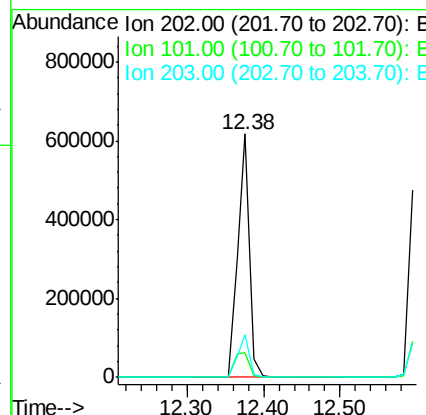
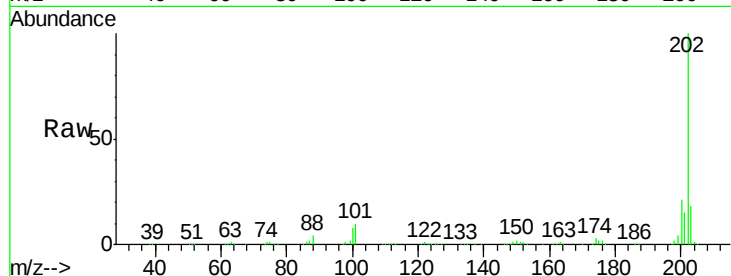
#74
 Fluoranthene
 Concen: 42.59 ng
 RT: 12.38 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	33.1
203	17.7	0.0	38.1

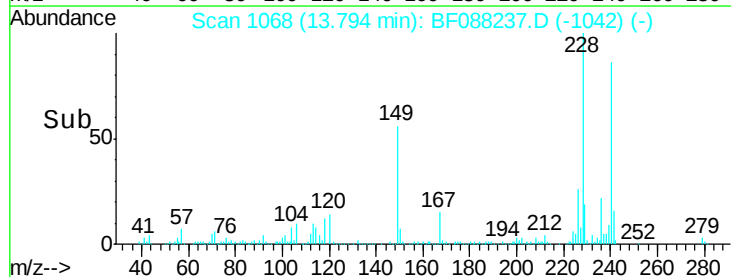
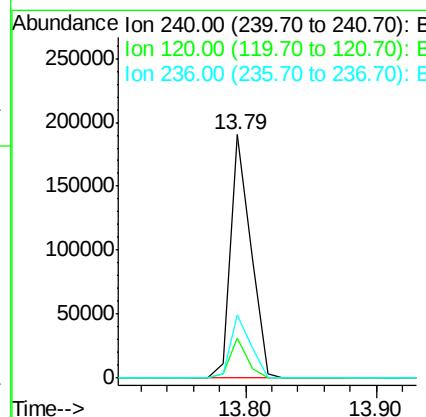
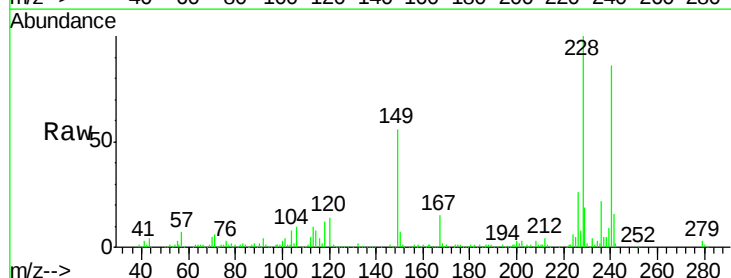
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.6	6.8	10.2#
236	25.8	20.2	30.2





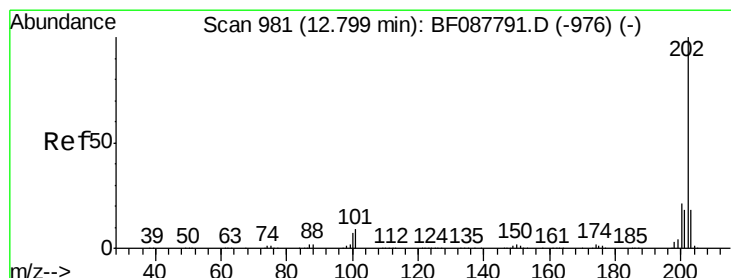
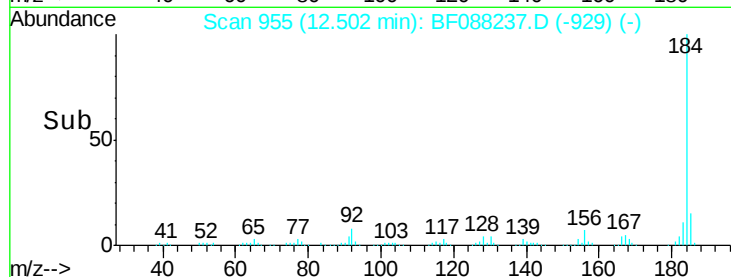
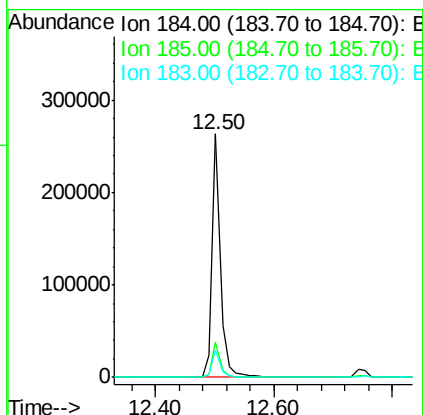
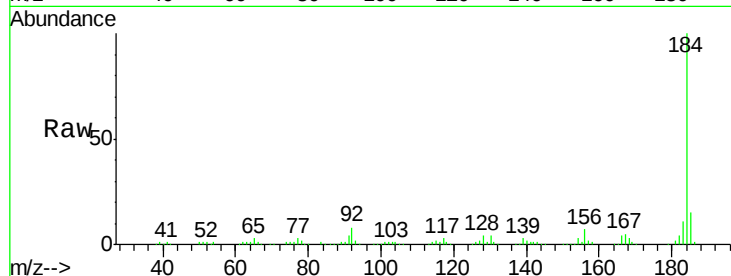
#76
Benzidine
Concen: 45.12 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.5	18.7	
183	11.4	9.3	13.9	

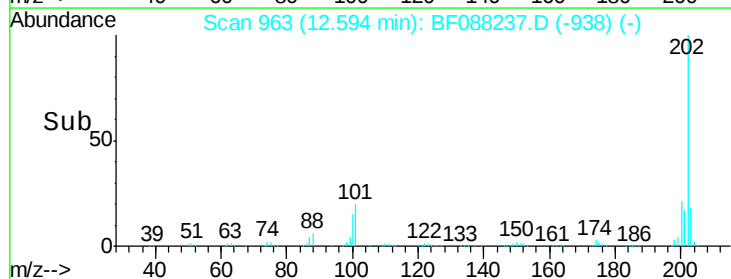
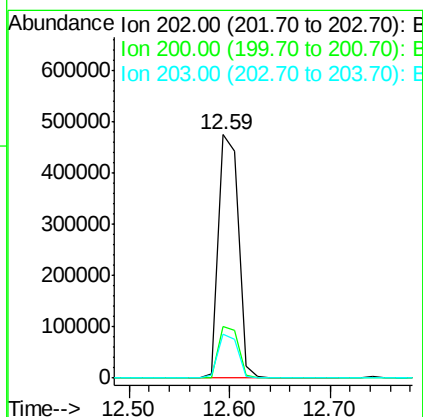
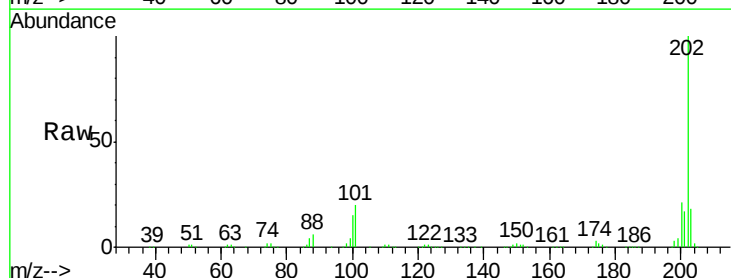
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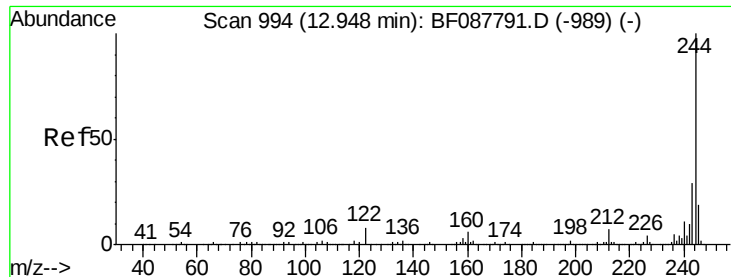
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#77
Pyrene
Concen: 43.03 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	17.4	26.2	
203	18.0	14.5	21.7	





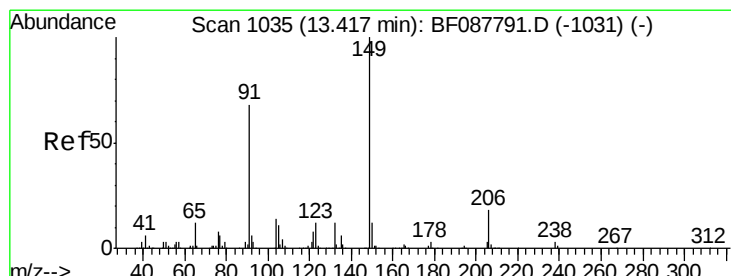
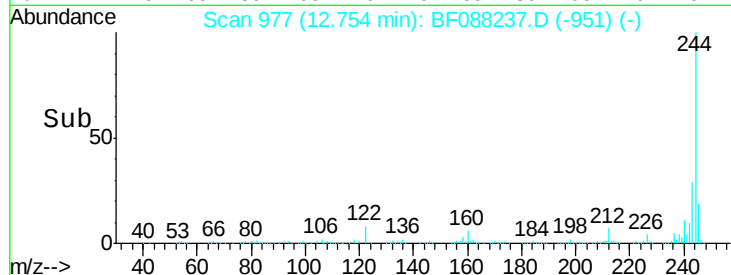
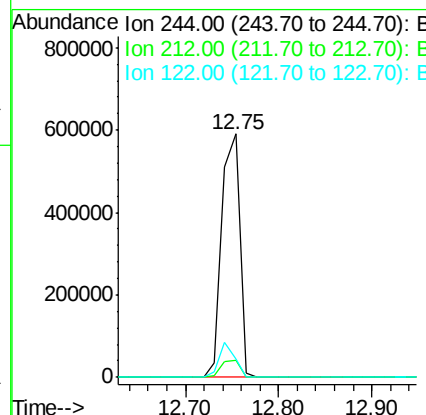
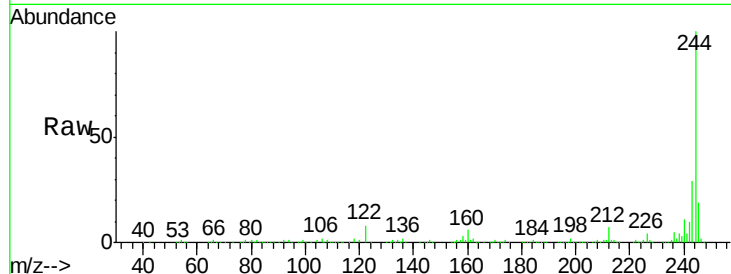
#78
 Terphenyl-d14
 Concen: 87.76 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 PB91486BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	6.0	9.0
122	7.7	11.2	16.8#

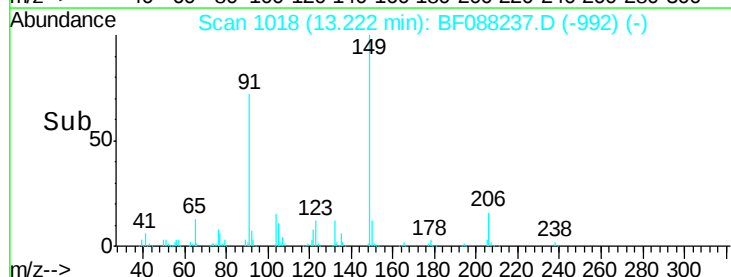
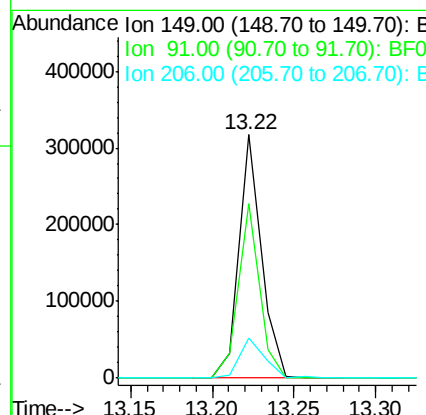
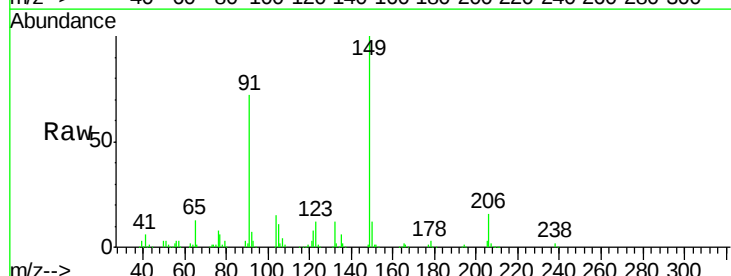
Manual Integrations
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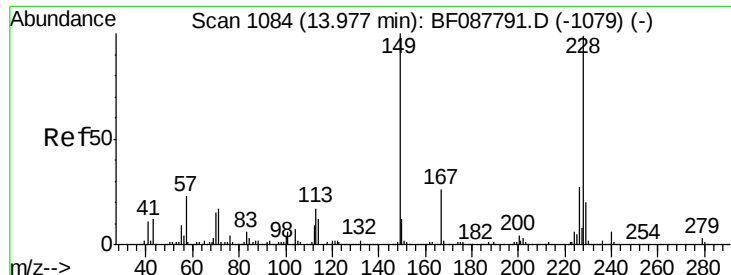
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#79
 Butylbenzylphthalate
 Concen: 44.58 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF088237.D
 Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	71.5	48.0	72.0
206	16.5	16.0	24.0





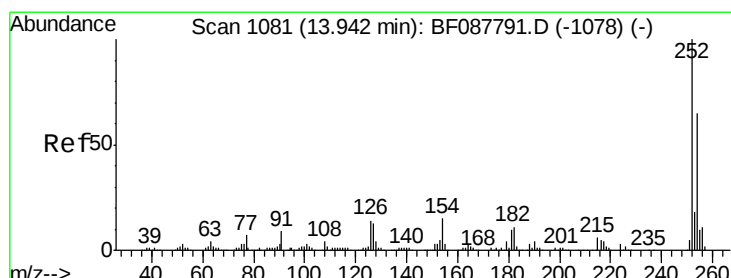
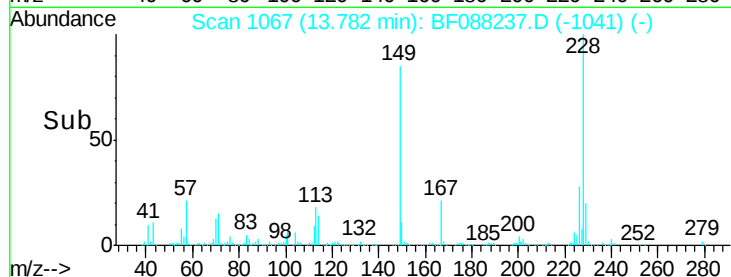
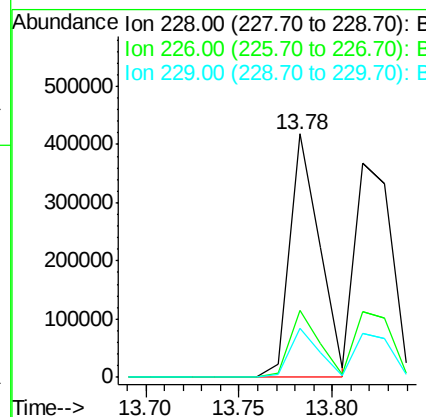
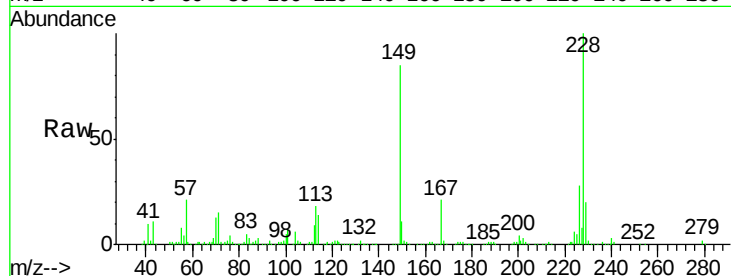
#80
Benzo(a)anthracene
Concen: 39.99 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	27.5	22.3	33.5		
229	19.9	16.0	24.0		

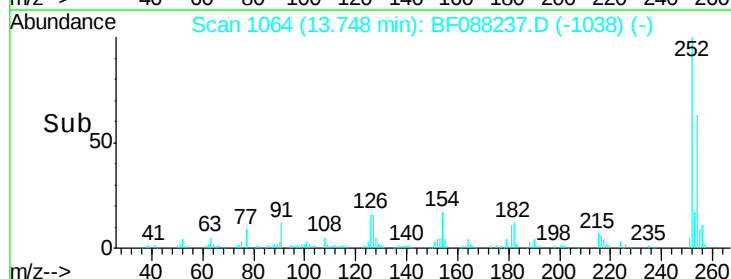
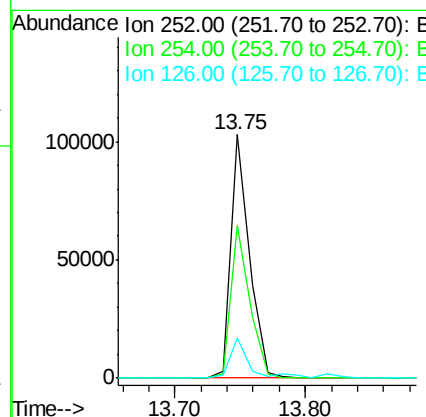
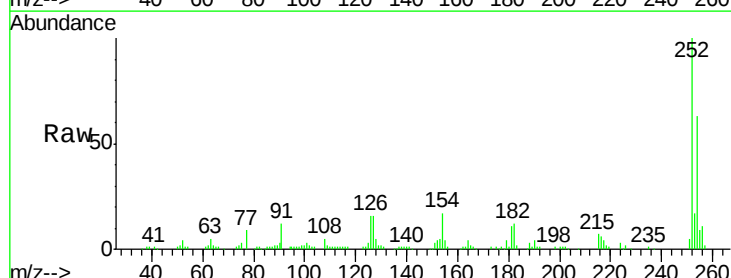
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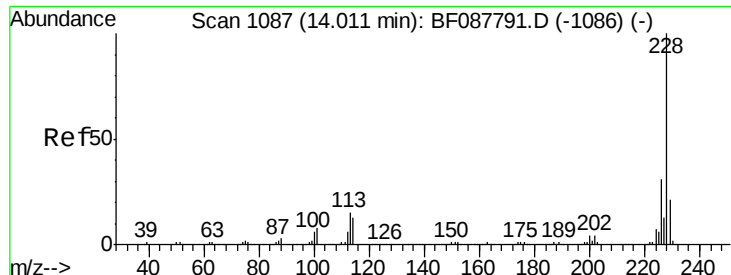
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#81
3,3'-Dichlorobenzidine
Concen: 32.47 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
254	62.9	52.6	78.8		
126	16.5	6.2	9.2		





#82

Chrysene

Concen: 46.23 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Instrument :

BNA_F

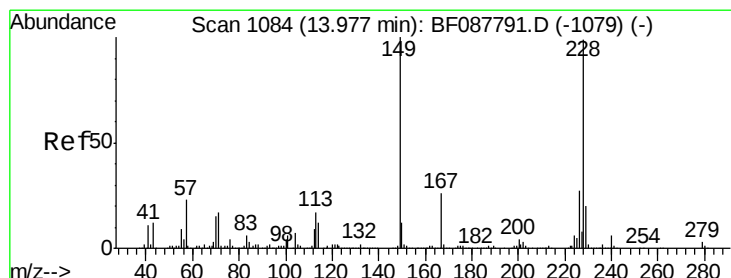
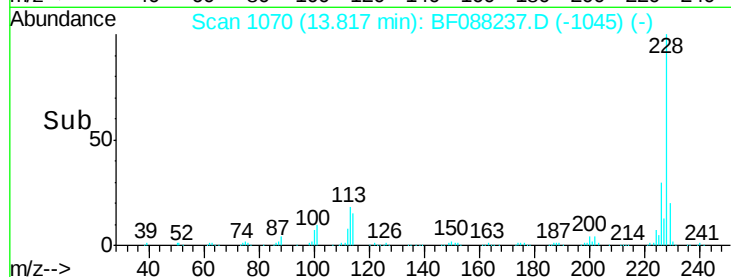
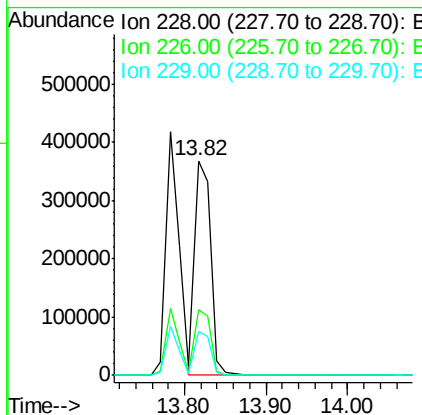
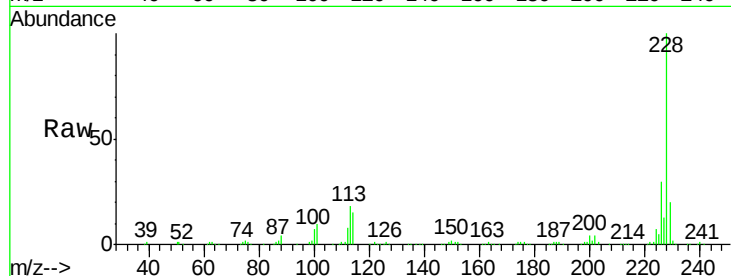
ClientSampleId :

PB91486BSD

Tot Ion:	228	Resp:	508108
Ion Ratio		Lower	Upper
228	100		
226	30.4	25.4	38.2
229	20.4	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 43.91 ng

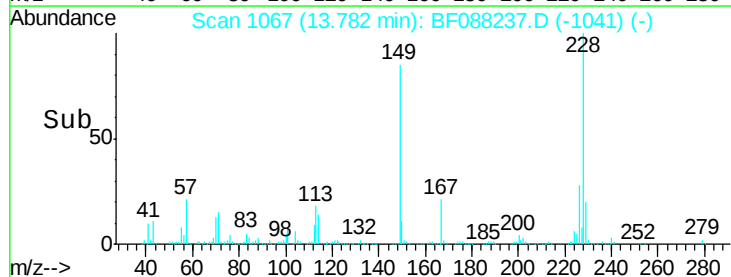
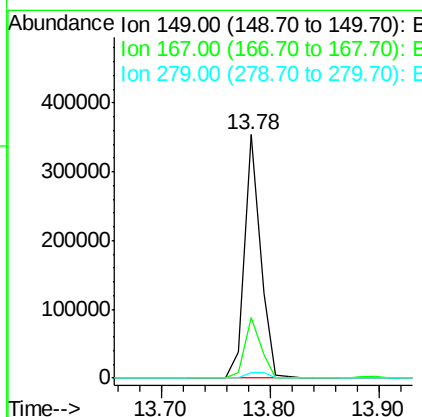
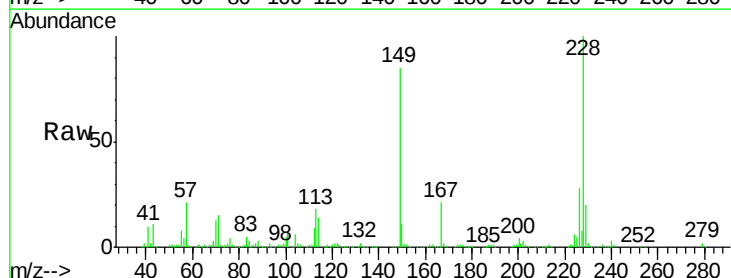
RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088237.D

Acq: 22 Jun 2016 3:03

Tgt Ion:	149	Resp:	359478
Ion Ratio		Lower	Upper
149	100		
167	25.1	20.5	30.7
279	2.5	2.0	3.0





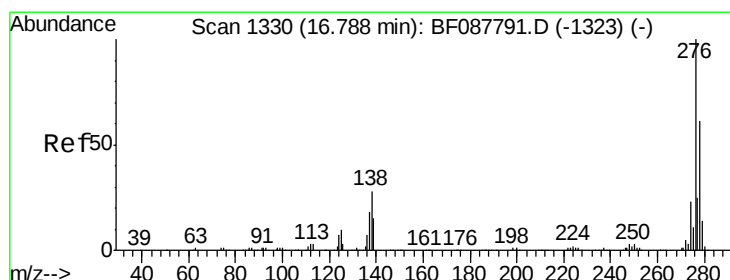
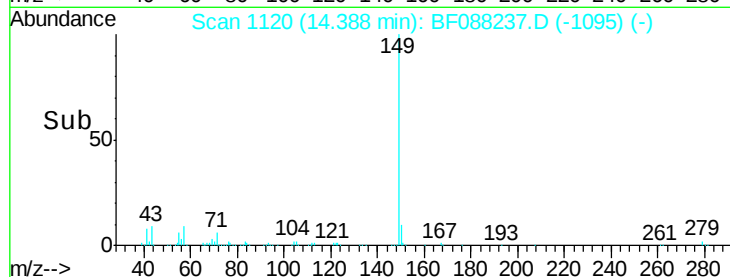
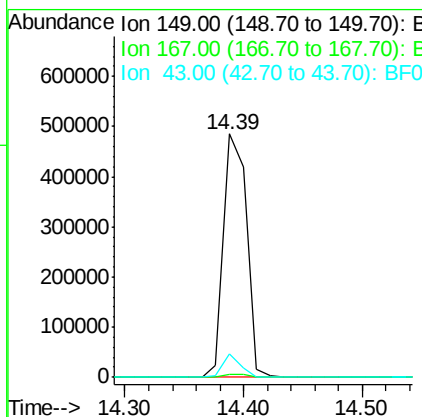
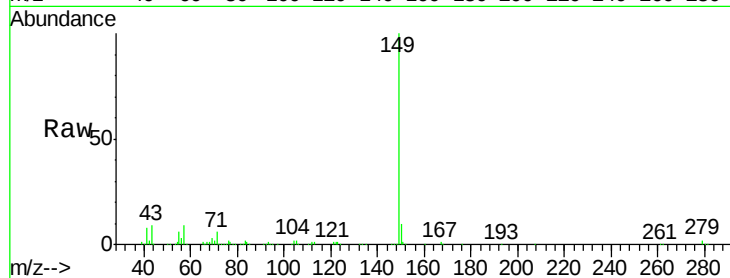
#84
Di-n-octyl phthalate
Concen: 48.98 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.6	0.0	0.0#

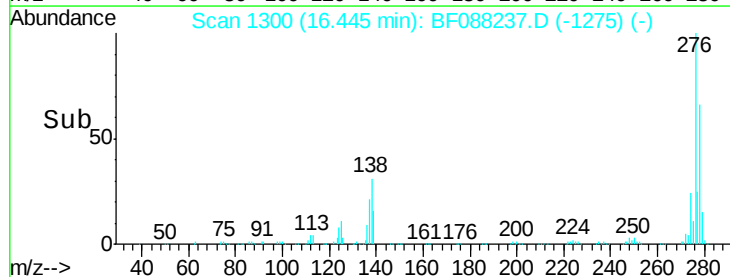
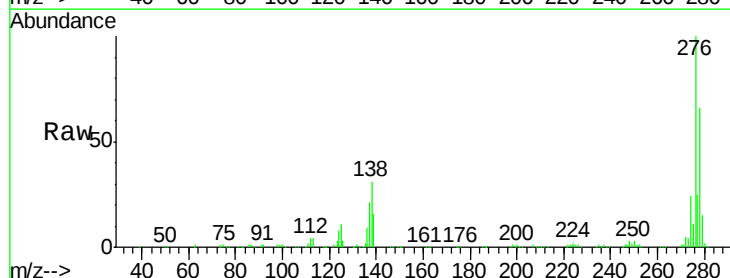
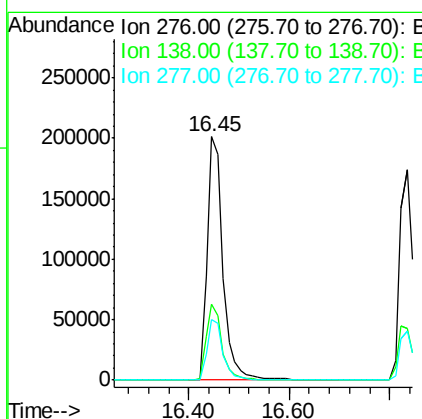
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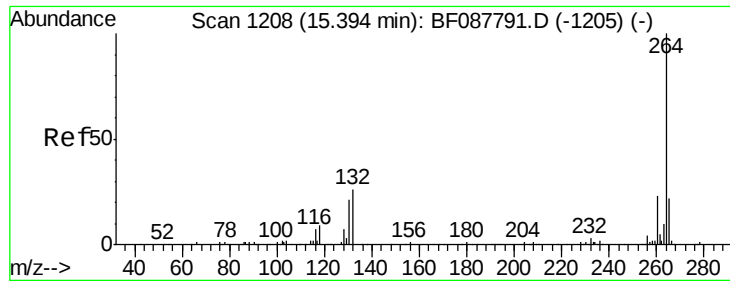
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#85
Indeno(1,2,3-cd)pyrene
Concen: 42.74 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	24.8	0.0	0.0#





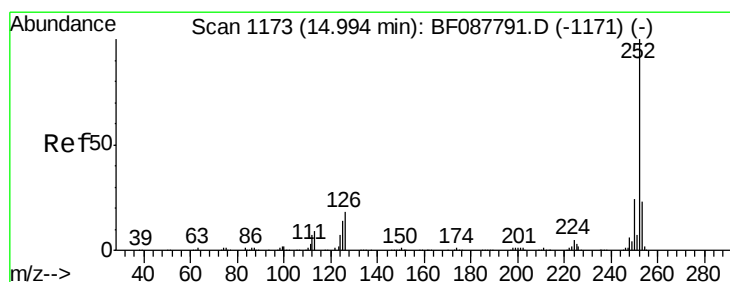
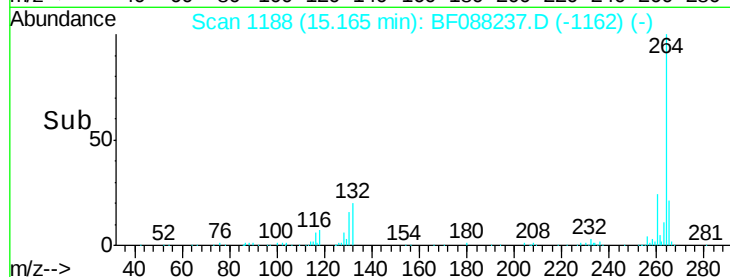
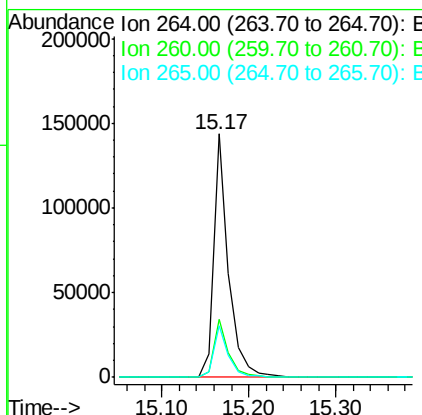
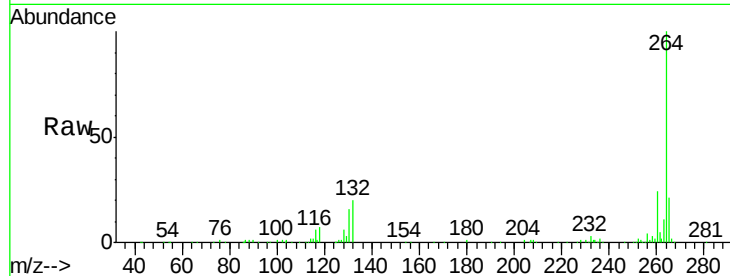
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.0	16.9	25.3

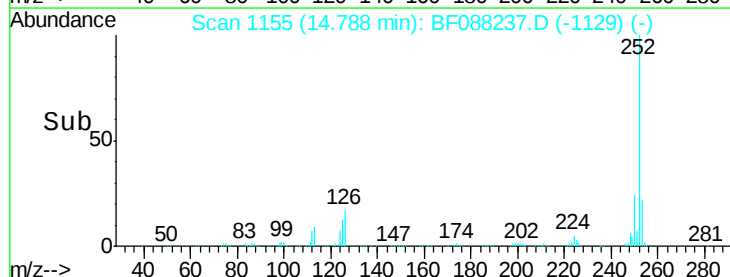
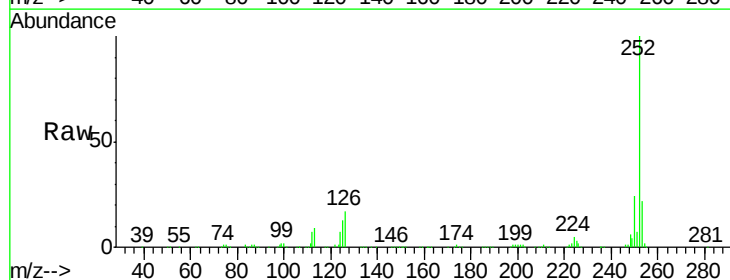
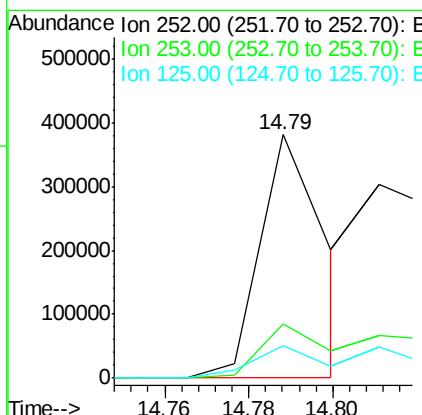
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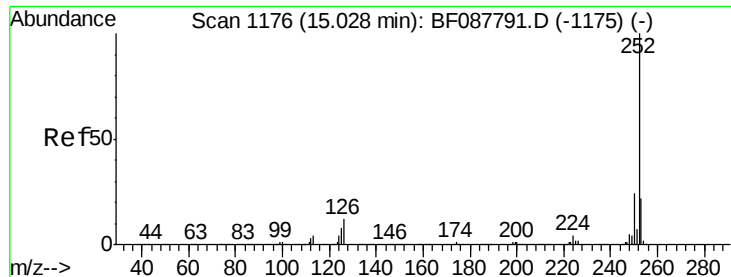
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#87
Benzo(b)fluoranthene
Concen: 34.86 ng m
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	13.5	7.1	10.7#





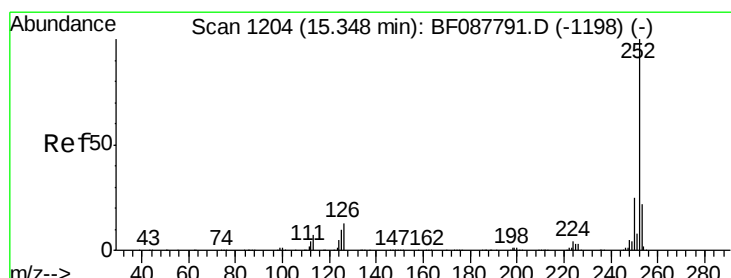
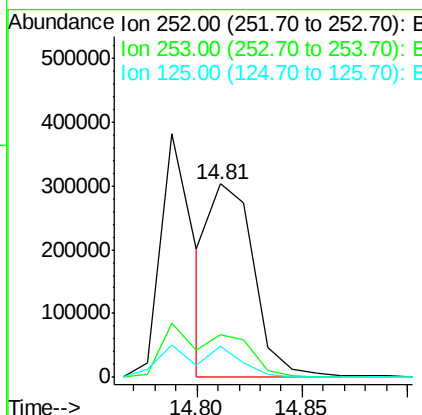
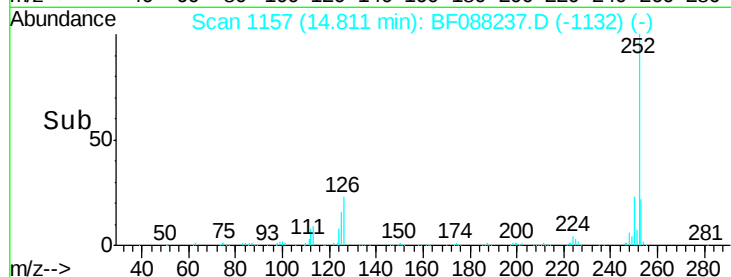
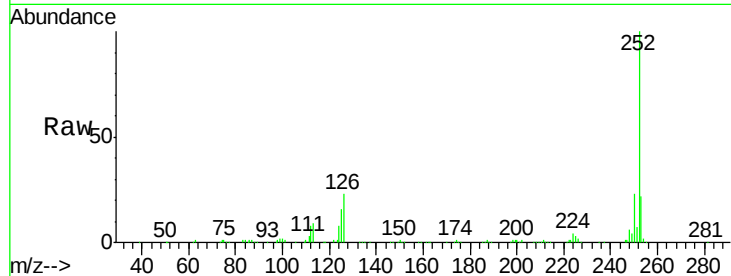
#88
Benzo(k)fluoranthene
Concen: 49.41 ng m
RT: 14.81 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	443190		
253	22.2	18.0	27.0	
125	15.9	11.2	16.8	

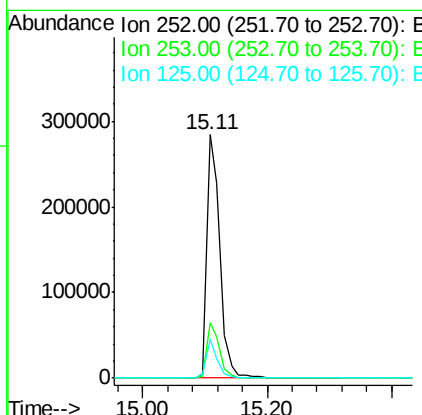
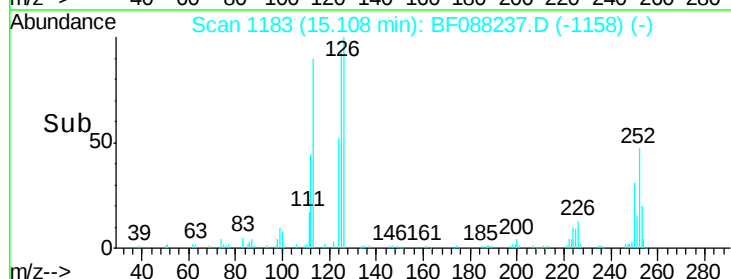
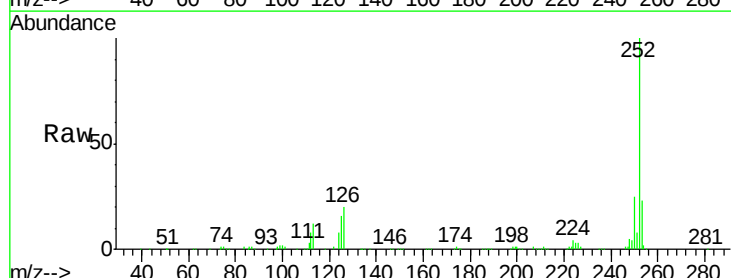
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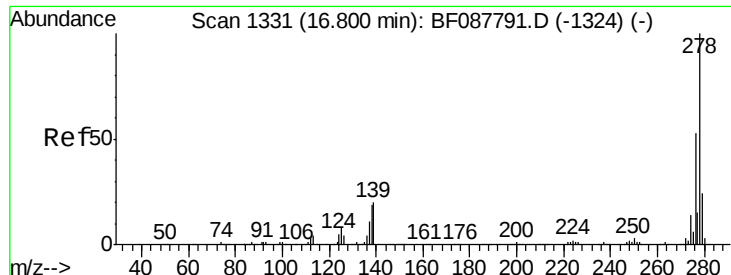
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#89
Benzo(a)pyrene
Concen: 42.69 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	410656		
253	22.7	17.9	26.9	
125	16.2	12.5	18.7	





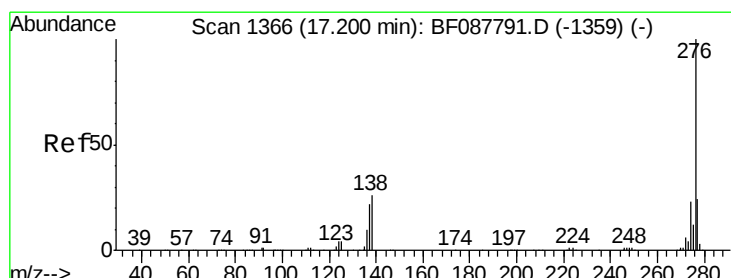
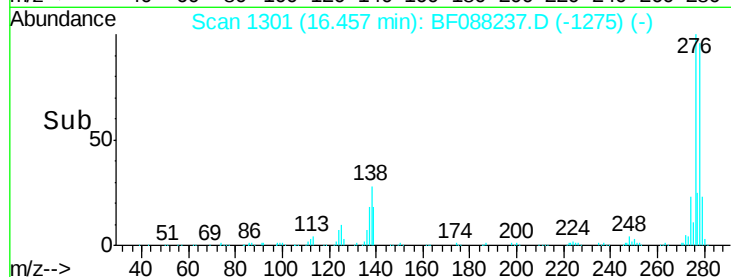
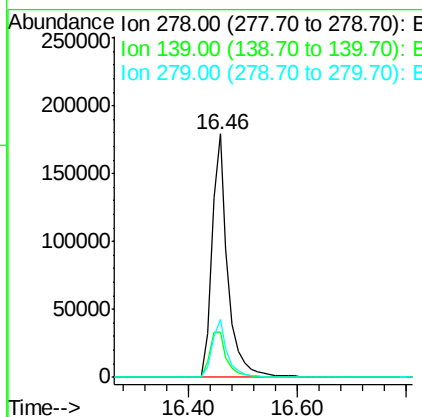
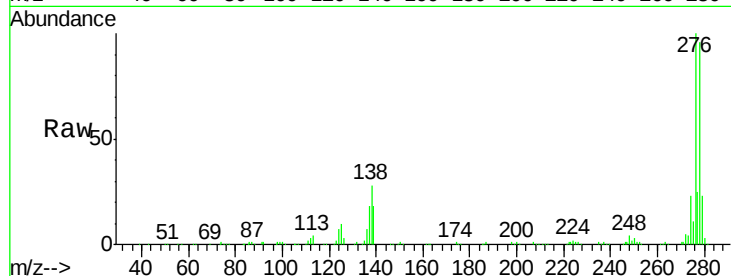
#90
Dibenzo(a,h)anthracene
Concen: 40.75 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Instrument :
BNA_F
ClientSampleId :
PB91486BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.7	23.5
279	23.8	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 41.98 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF088237.D
Acq: 22 Jun 2016 3:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	24.9	21.4	32.2

