

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062116\
 Data File : BF088235.D
 Acq On : 22 Jun 2016 2:05
 Operator : UM/SJ
 Sample : PB91389BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Manual Integrations
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Quant Time: Jun 22 03:56:12 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	89912	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	356211	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	166581	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	298487	20.00	ng	0.00
75) Chrysene-d12	13.79	240	206791	20.00	ng	0.00
86) Perylene-d12	15.17	264	173055	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	638270	121.36	ng	0.01
7) Phenol-d6	6.31	99	766256	120.22	ng	0.00
23) Nitrobenzene-d5	7.22	82	456546	74.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	170681	97.04	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	841904	79.00	ng	0.00
78) Terphenyl-d14	12.75	244	788779	86.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	78121	30.57	ng	# 31
3) Pyridine	2.86	79	209684	34.75	ng	90
4) n-Nitrosodimethylamine	2.82	42	93321	36.52	ng	# 74
6) Aniline	6.32	93	193669	21.35	ng	# 29
8) 2-Chlorophenol	6.44	128	257470	41.36	ng	83
10) Phenol	6.33	94	264583	39.92	ng	98
11) bis(2-Chloroethyl)ether	6.40	93	255217	45.66	ng	86
12) 1,3-Dichlorobenzene	6.59	146	265491m	39.75	ng	
13) 1,4-Dichlorobenzene	6.67	146	268539	39.91	ng	95
14) 1,2-Dichlorobenzene	6.82	146	250431	40.93	ng	95
15) Benzyl Alcohol	6.81	79	174216	34.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.95	45	258932	34.29	ng	75
17) 2-Methylphenol	6.94	107	202853	40.18	ng	# 94
18) Hexachloroethane	7.15	117	97907	41.01	ng	# 82
19) n-Nitroso-di-n-propylamine	7.08	70	158944	38.98	ng	# 79
20) 3+4-Methylphenols	7.08	107	259988	44.14	ng	# 85
22) Acetophenone	7.07	105	342494	43.02	ng	97
24) Nitrobenzene	7.24	77	263936	44.67	ng	97
25) Isophorone	7.48	82	450716	39.89	ng	97
26) 2-Nitrophenol	7.56	139	144709	45.72	ng	# 74
27) 2,4-Dimethylphenol	7.61	122	235603	40.43	ng	94
28) bis(2-Chloroethoxy)methane	7.70	93	314459	44.87	ng	98
29) 2,4-Dichlorophenol	7.80	162	212283	43.63	ng	100
30) 1,2,4-Trichlorobenzene	7.88	180	222106	41.92	ng	97
31) Naphthalene	7.95	128	706522	40.08	ng	99
32) Benzoic acid	7.77	122	119809	37.33	ng	95
33) 4-Chloroaniline	8.02	127	138264	17.57	ng	# 91
34) Hexachlorobutadiene	8.08	225	117792	42.15	ng	99
35) Caprolactam	8.40	113	69226m	42.95	ng	
36) 4-Chloro-3-methylphenol	8.52	107	234175	45.00	ng	89
37) 2-Methylnaphthalene	8.65	142	499391	42.98	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	202918	47.82	ng	# 1
40) Hexachlorocyclopentadiene	8.80	237	118009	43.92	ng	98
42) 2,4,6-Trichlorophenol	8.94	196	132649	39.82	ng	97

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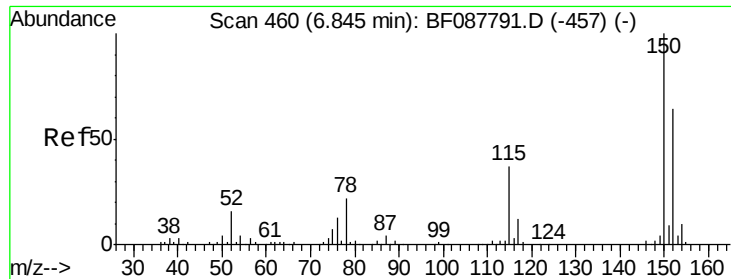
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	127316	36.74	nq	98
45) 1,1'-Biphenyl	9.12	154	608435	49.25	nq	96
46) 2-Chloronaphthalene	9.14	162	464289	43.07	nq	95
47) 2-Nitroaniline	9.24	65	131258	41.28	nq	# 86
48) Acenaphthylene	9.55	152	696786	40.64	nq	99
49) Dimethylphthalate	9.43	163	519393	43.04	nq	99
50) 2,6-Dinitrotoluene	9.48	165	115832	41.92	nq	# 59
51) Acenaphthene	9.72	154	426271	39.85	nq	99
52) 3-Nitroaniline	9.66	138	78077	24.48	nq	93
53) 2,4-Dinitrophenol	9.77	184	98960	68.04	nq	98
54) Dibenzofuran	9.90	168	595648	40.44	nq	91
55) 4-Nitrophenol	9.85	139	140841	56.91	nq	# 79
56) 2,4-Dinitrotoluene	9.90	165	142494	40.12	nq	# 57
57) Fluorene	10.24	166	498745	50.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	116038	42.60	nq	# 57
59) Diethylphthalate	10.12	149	508945	41.67	nq	99
60) 4-Chlorophenyl-phenylether	10.23	204	189559	38.70	nq	92
61) 4-Nitroaniline	10.27	138	118407	39.15	nq	97
62) Azobenzene	10.39	77	495816	41.05	nq	96
64) 4,6-Dinitro-2-methylphenol	10.31	198	78644	42.46	nq	# 68
65) n-Nitrosodiphenylamine	10.35	169	429101	43.32	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	135274	42.24	nq	96
67) Hexachlorobenzene	10.78	284	138690	41.68	nq	93
68) Atrazine	10.89	200	137945	45.99	nq	97
69) Pentachlorophenol	10.98	266	107710	61.41	nq	97
70) Phenanthrene	11.19	178	676294	43.18	nq	99
71) Anthracene	11.24	178	692357	43.82	nq	100
72) Carbazole	11.40	167	672585	45.49	nq	99
73) Di-n-butylphthalate	11.74	149	769589	41.12	nq	100
74) Fluoranthene	12.38	202	720219	43.57	nq	96
76) Benzidine	12.50	184	271536	47.42	nq	98
77) Pyrene	12.59	202	708943	46.20	nq	100
79) Butylbenzylphthalate	13.22	149	326380	48.11	nq	86
80) Benzo(a)anthracene	13.78	228	509074	43.20	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	110777	34.96	nq	# 96
82) Chrysene	13.83	228	544116	49.08	nq	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	385446	46.67	nq	99
84) Di-n-octyl phthalate	14.39	149	702230	52.33	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	469322	45.56	nq	# 100
87) Benzo(b)fluoranthene	14.79	252	452003m	37.47	nq	
88) Benzo(k)fluoranthene	14.82	252	473630m	52.05	nq	
89) Benzo(a)pyrene	15.11	252	454995	46.62	nq	98
90) Dibenzo(a,h)anthracene	16.46	278	390168	43.05	nq	99
91) Benzo(g,h,i)perylene	16.83	276	409261	43.90	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

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BNA_F

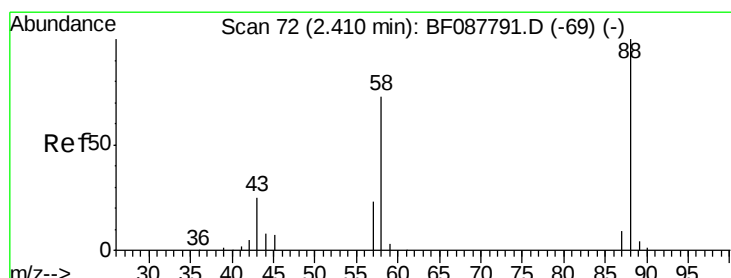
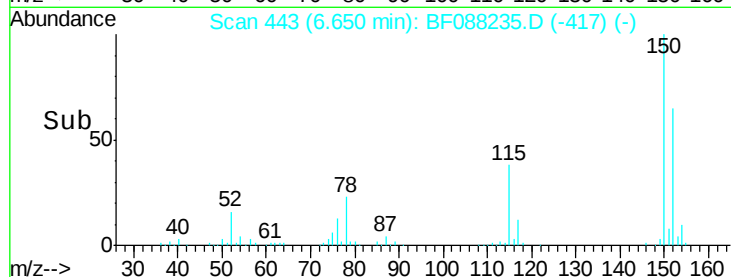
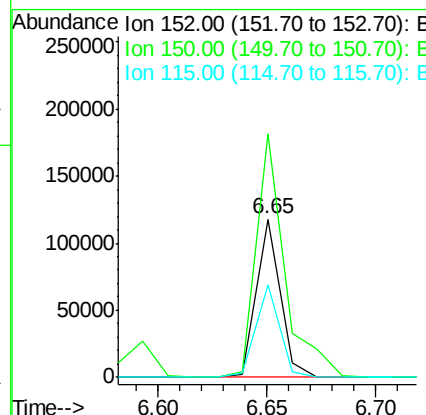
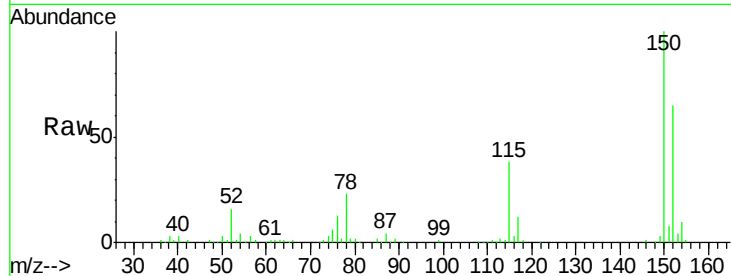
ClientSampleId :

PB91389BS

Tot Ion:	152	Resp:	89912
Ion Ratio	Lower	Upper	
152	100		
150	153.7	123.8	185.6
115	58.8	39.6	59.4

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#2

1,4-Dioxane

Concen: 30.57 ng

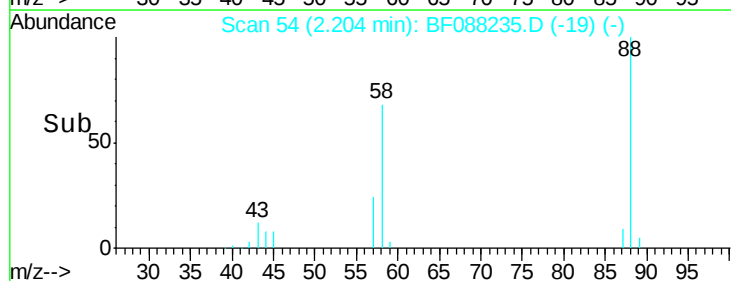
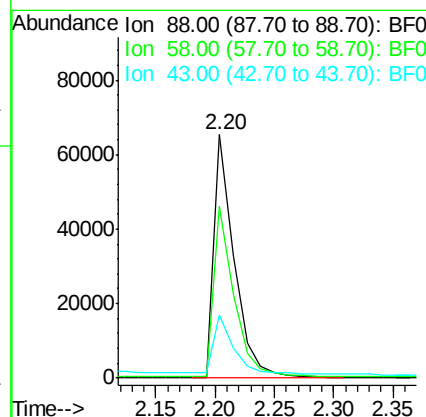
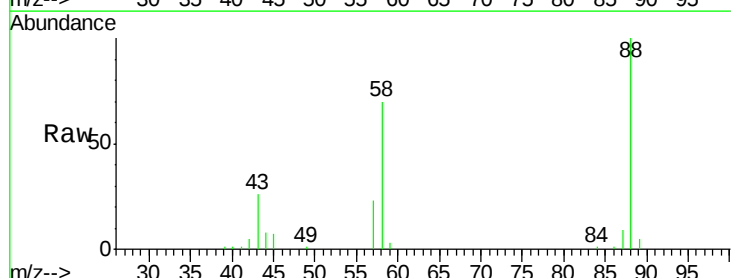
RT: 2.20 min Scan# 54

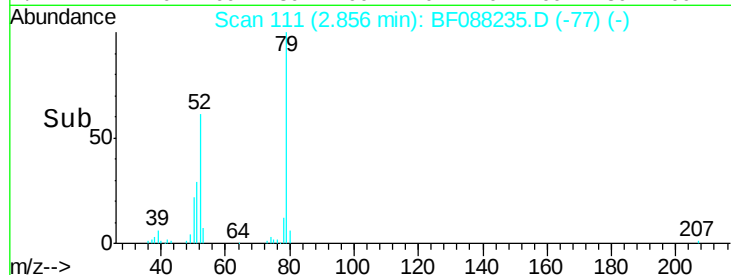
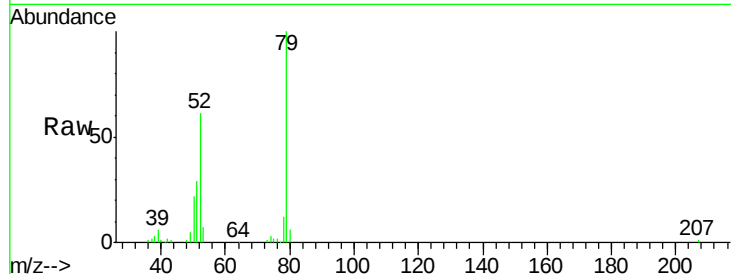
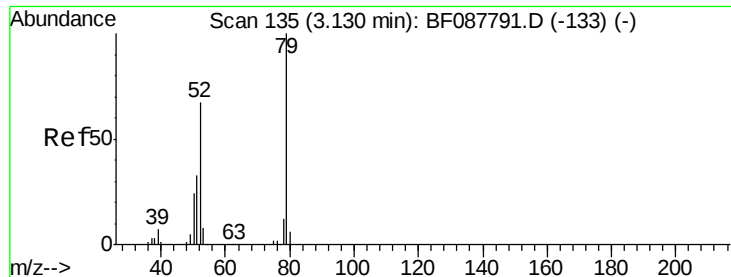
Delta R.T. 0.10 min

Lab File: BF088235.D

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Tgt Ion:	88	Resp:	78121
Ion Ratio	Lower	Upper	
88	100		
58	69.8	0.0	0.0#
43	27.0	3.4	5.2#





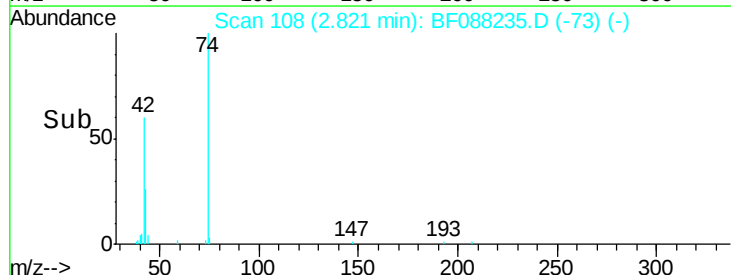
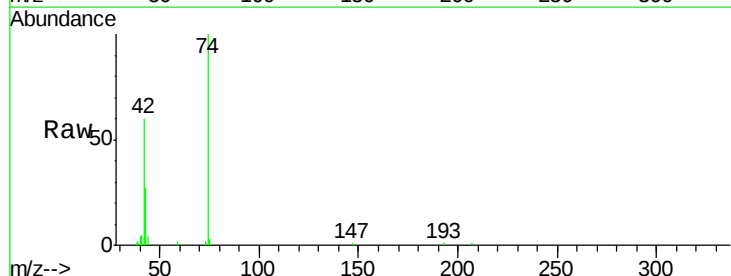
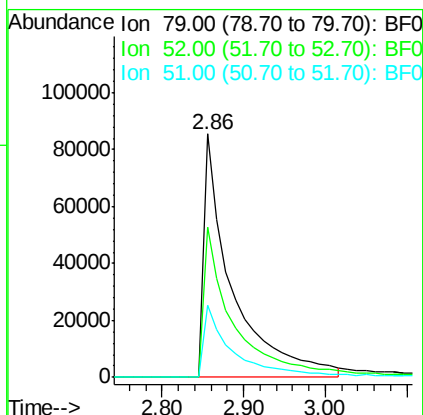
#3
 Pvridine
 Concen: 34.75 ng
 RT: 2.86 min Scan# 111
 Delta R.T. 0.09 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tot Ion	Ion	Ratio	Resp Lower	Upper
79	79	100		
52	52	61.5	56.3	84.5
51	51	29.4	27.4	41.2

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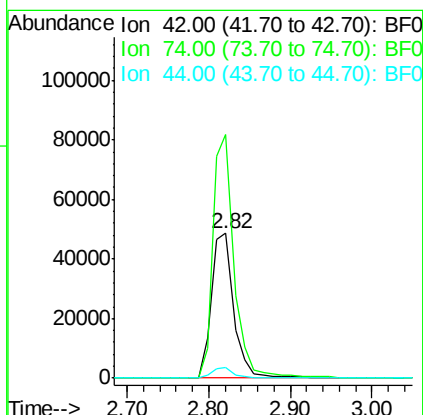
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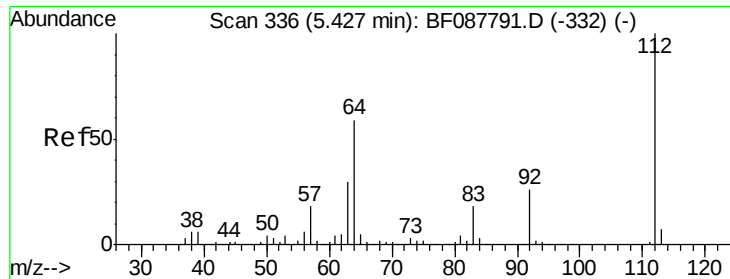
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#4
 n-Nitrosodimethylamine
 Concen: 36.52 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.10 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ion	Ratio	Resp Lower	Upper
42	42	100		
74	74	167.9	108.6	163.0#
44	44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 121.36 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

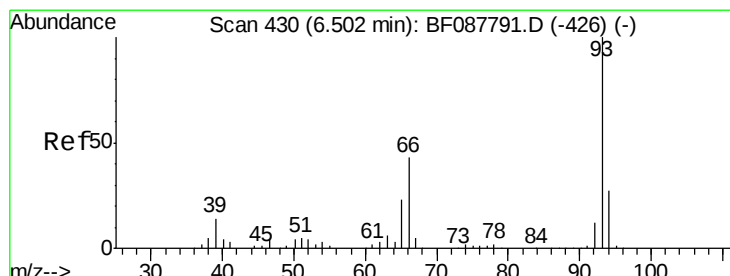
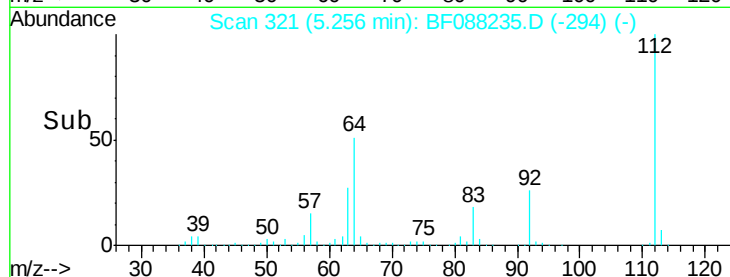
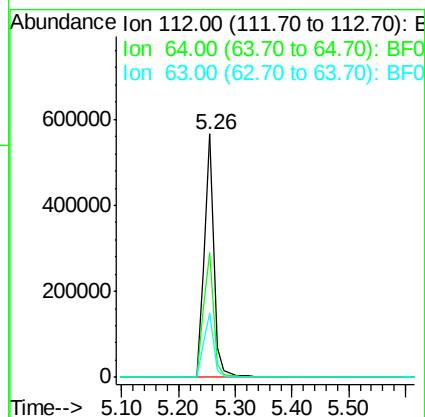
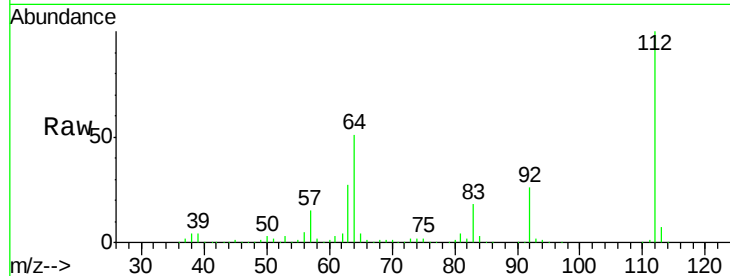
ClientSampled :

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Tot Ion	Ion	Ratio	Resp: Lower	Upper
112	100			
64	51.1	42.2	63.2	
63	26.7	21.8	32.8	

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#6

Aniline

Concen: 21.35 ng

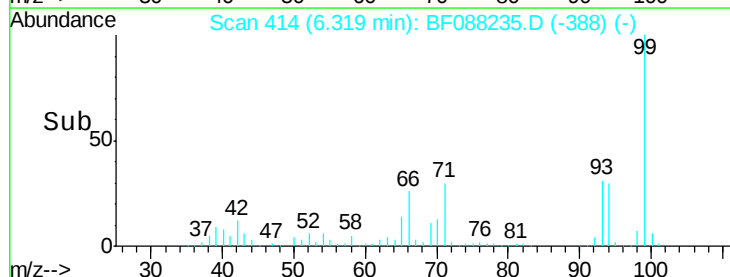
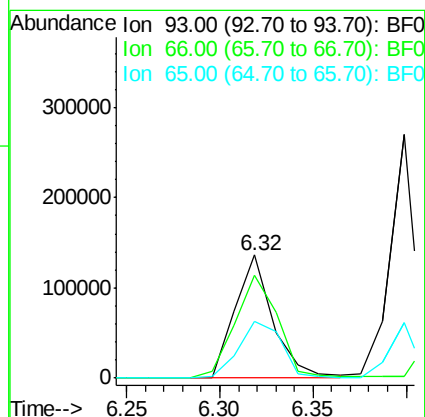
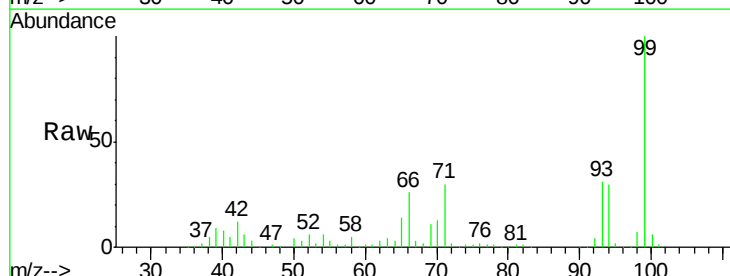
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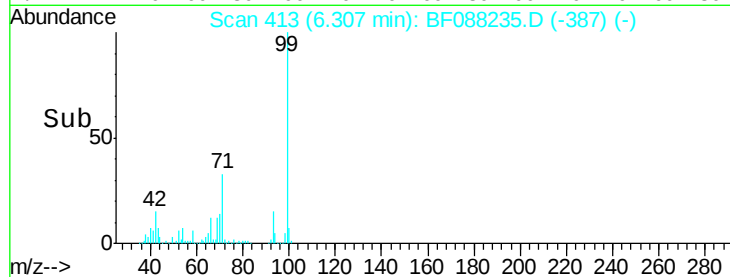
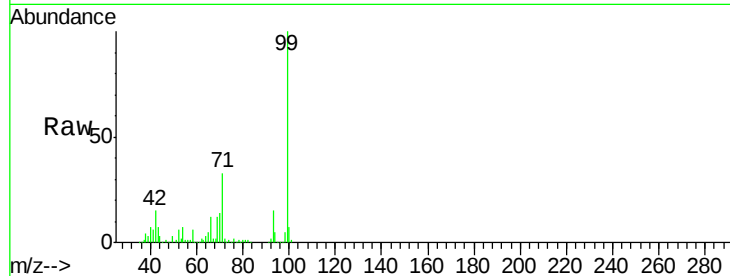
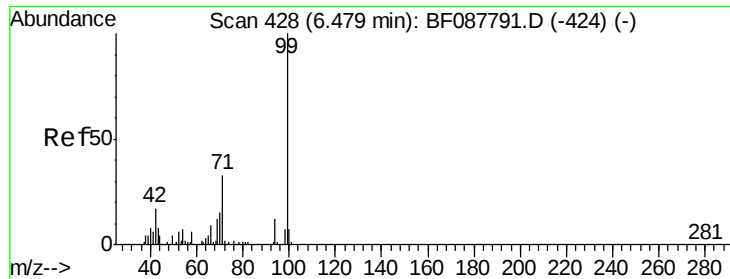
Delta R.T. 0.00 min

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Tgt Ion	Ion	Ratio	Resp: Lower	Upper
93	100			
66	83.1	29.8	44.8#	
65	45.8	14.9	22.3#	





#7

Phenol-d6

Concen: 120.22 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tot Ion:	99	Resp:	766256
Ion Ratio	Lower	Upper	
99	100		
42	15.2	12.2	18.2
71	33.2	23.4	35.0

Instrument :

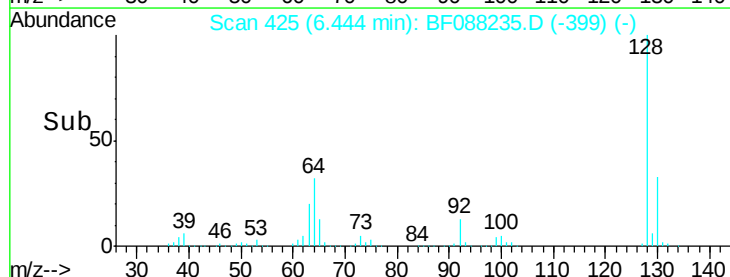
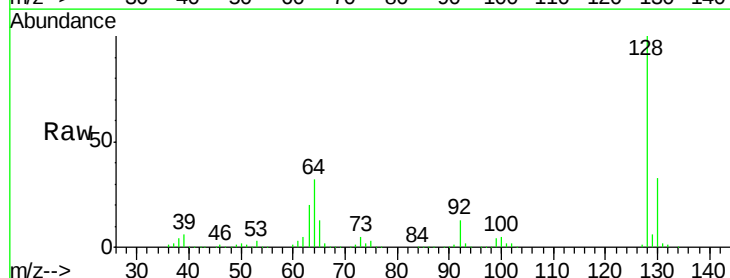
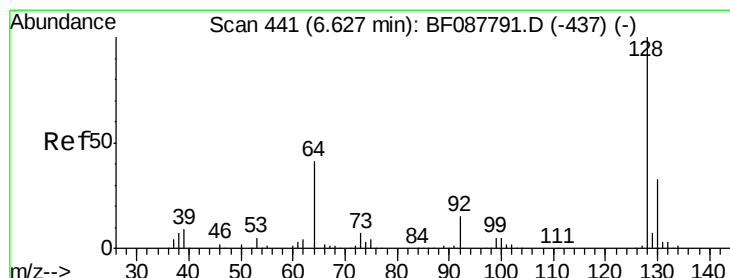
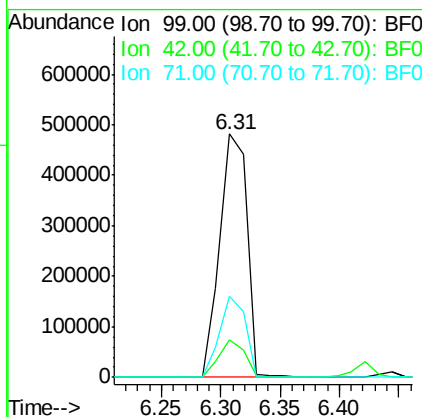
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#8

2-Chlorophenol

Concen: 41.36 ng

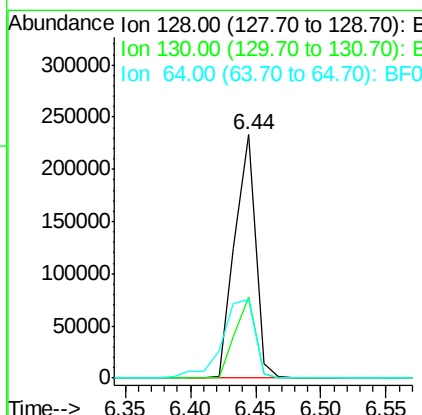
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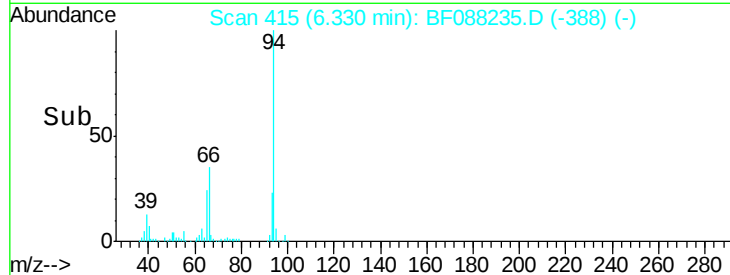
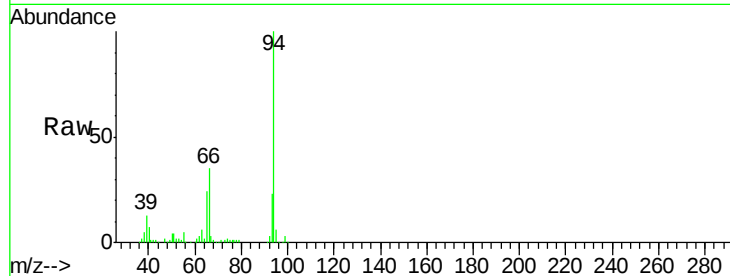
Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:	128	Resp:	257470
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	32.4	30.8	70.8





#10

Phenol

Concen: 39.92 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tot Ion:	94	Resp:	264583
Ion Ratio	Lower	Upper	
94	100		
65	24.1	5.9	45.9
66	34.7	14.0	54.0

Instrument :

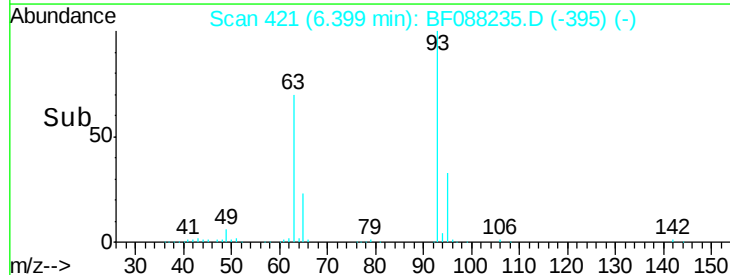
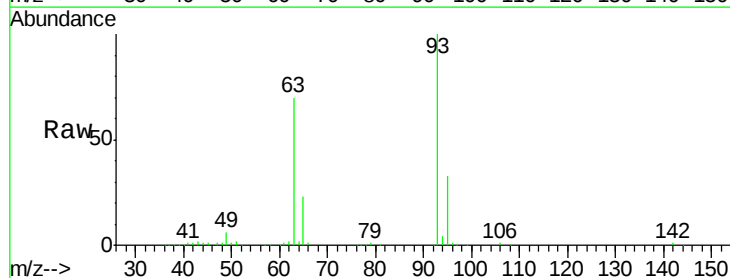
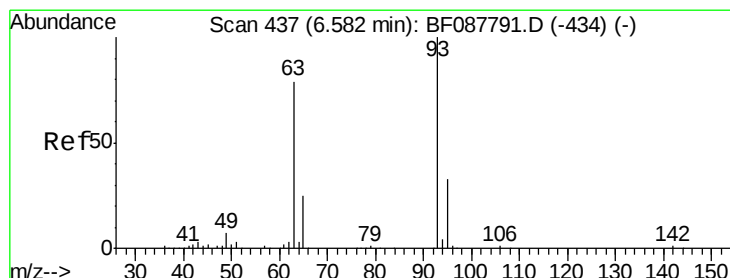
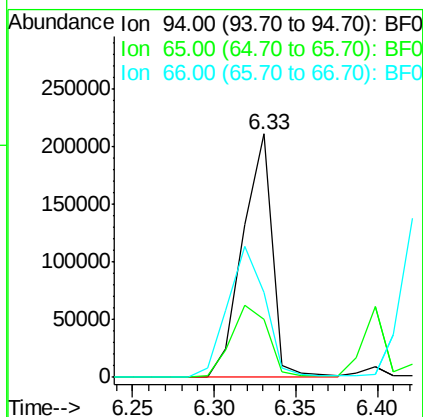
BNA_F

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#11

bis(2-Chloroethyl)ether

Concen: 45.66 ng

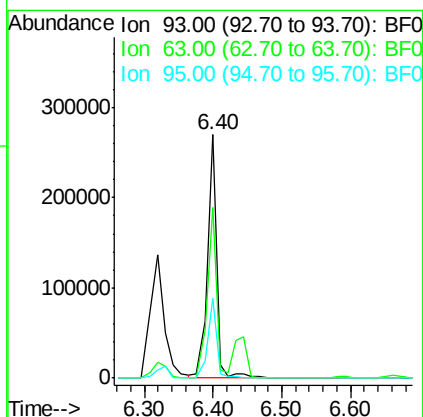
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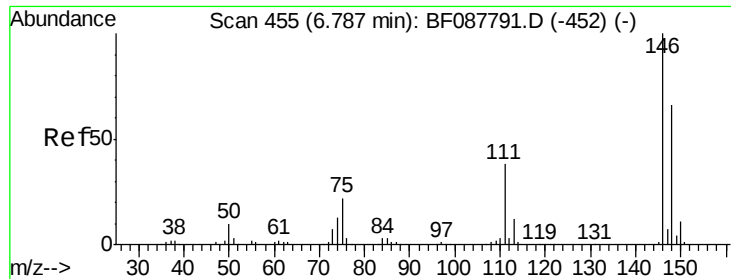
Delta R.T. 0.00 min

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Tgt Ion:	93	Resp:	255217
Ion Ratio	Lower	Upper	
93	100		
63	70.0	67.6	107.6
95	32.9	12.5	52.5





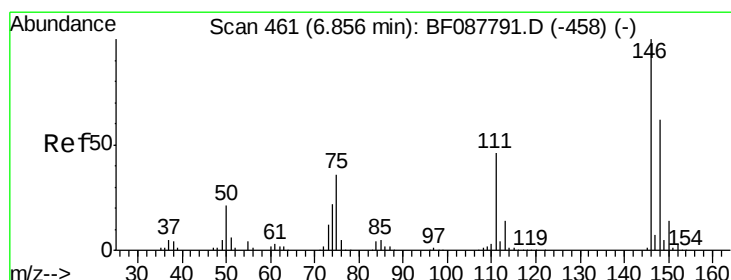
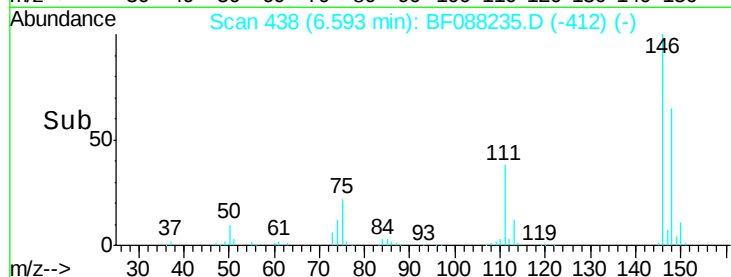
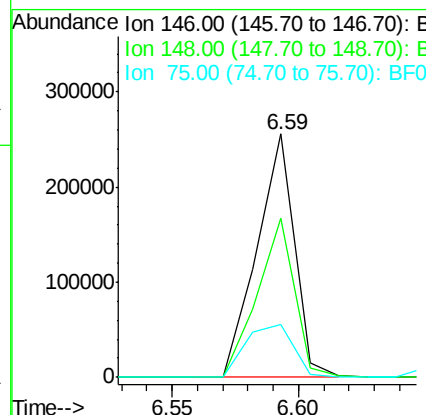
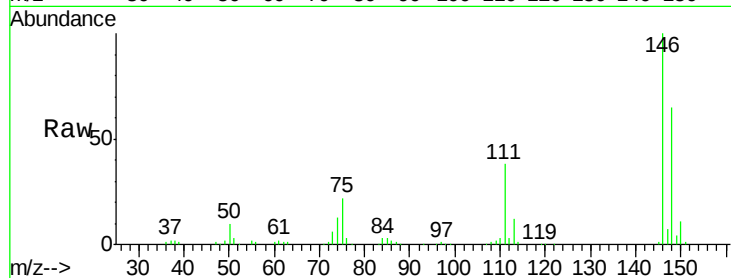
#12
 1,3-Dichlorobenzene
 Concen: 39.75 ng/mL
 RT: 6.59 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		265491		
148	65.4	50.9	76.3		
75	22.0	25.6	38.4		

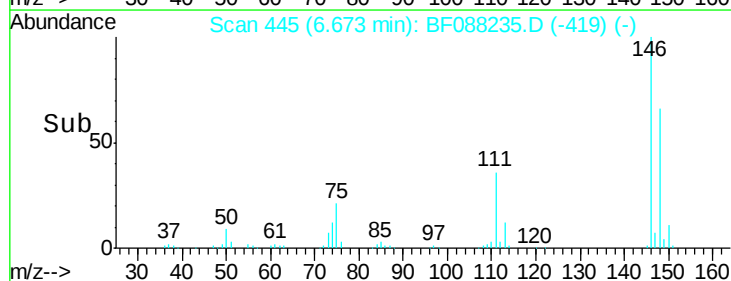
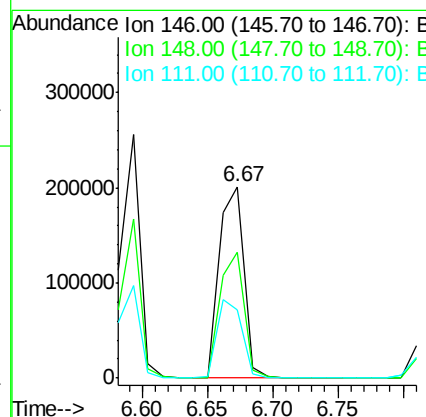
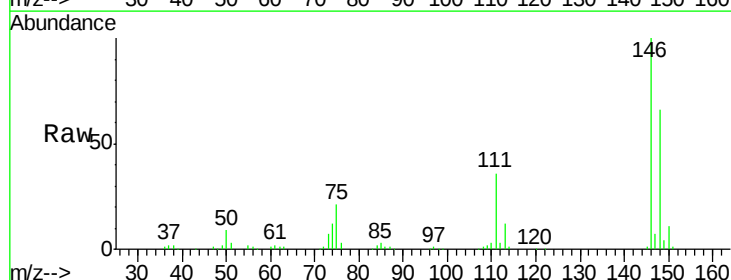
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#13
 1,4-Dichlorobenzene
 Concen: 39.91 ng/mL
 RT: 6.67 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		268539		
148	65.8	52.0	78.0		
111	35.6	33.8	50.8		





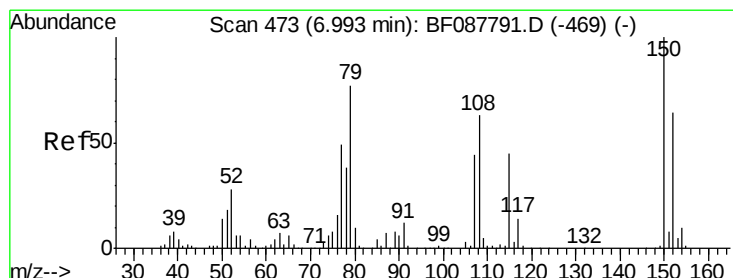
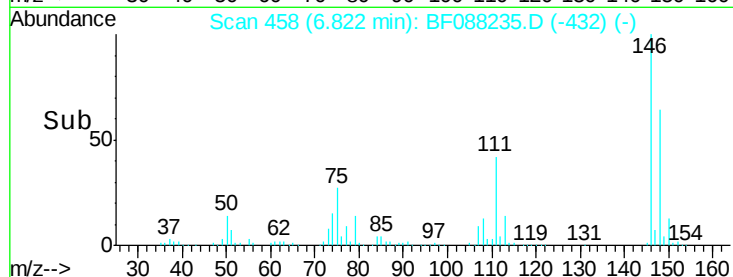
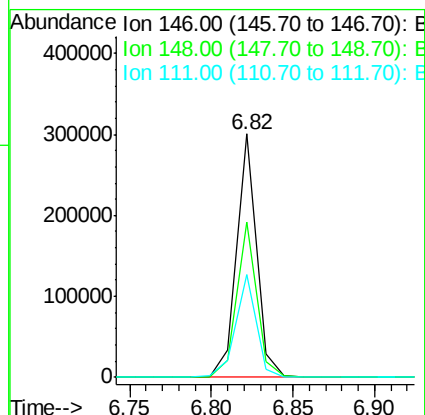
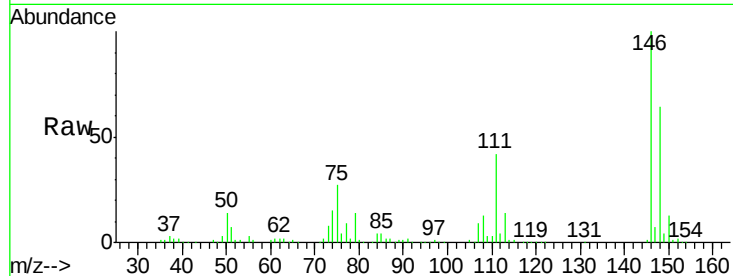
#14
 1,2-Dichlorobenzene
 Concen: 40.93 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	250431		
148	63.8		52.3	78.5
111	42.5		28.7	43.1

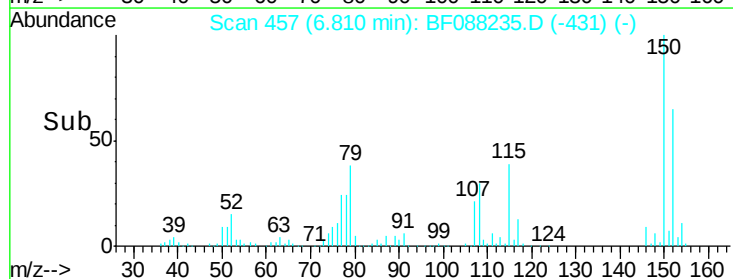
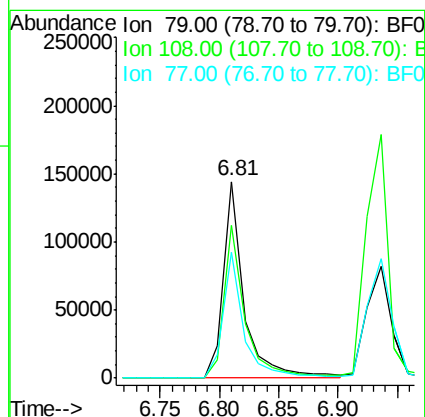
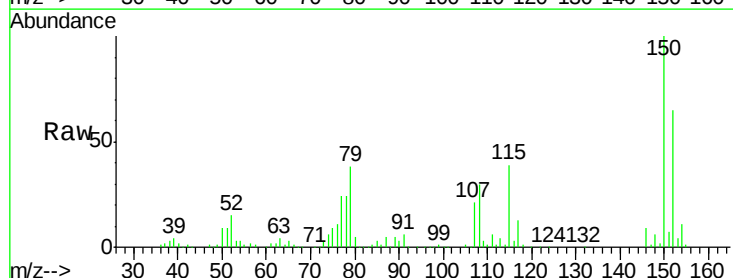
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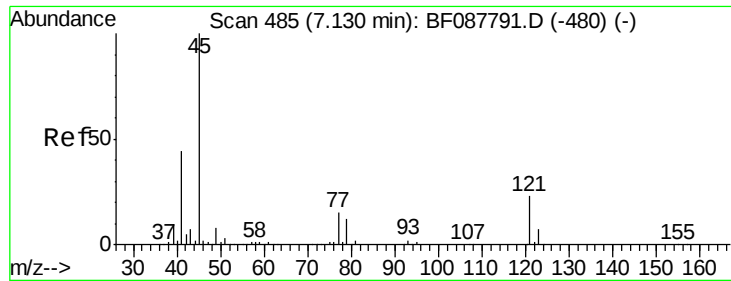
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#15
 Benzyl Alcohol
 Concen: 34.94 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	174216		
108	78.1		65.0	97.6
77	64.4		50.3	75.5





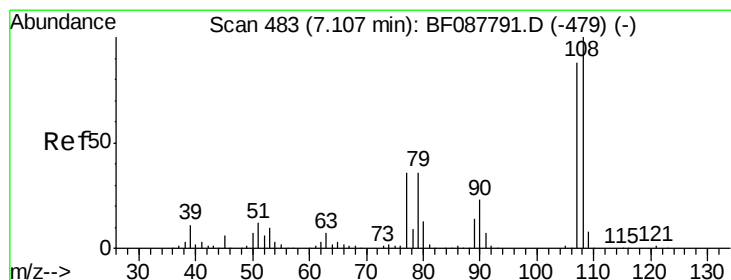
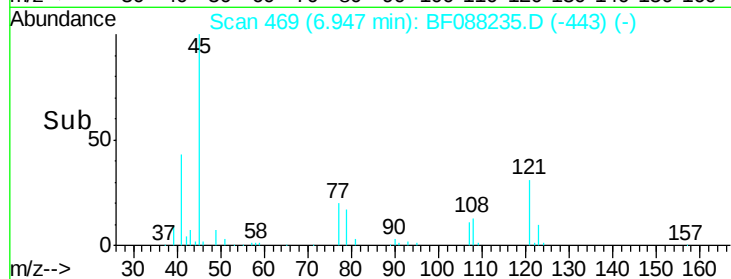
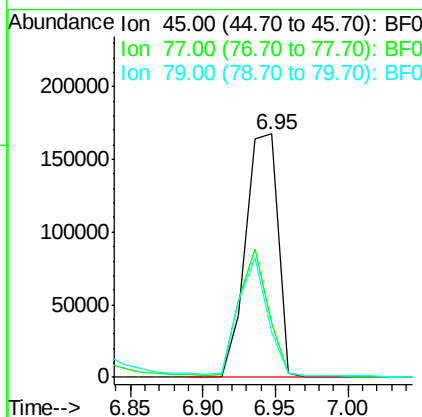
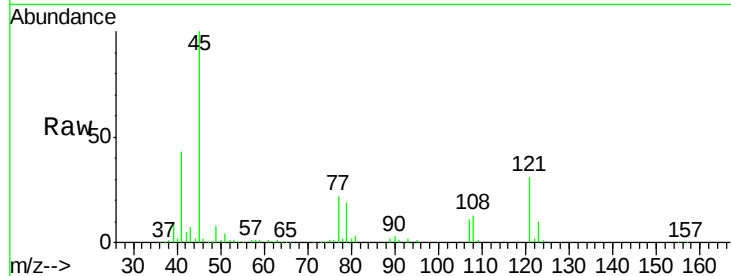
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 34.29 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	258932		
77	22.4	0.0	32.5	
79	18.8	0.0	29.5	

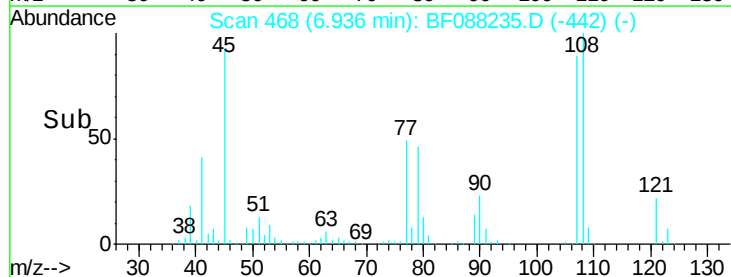
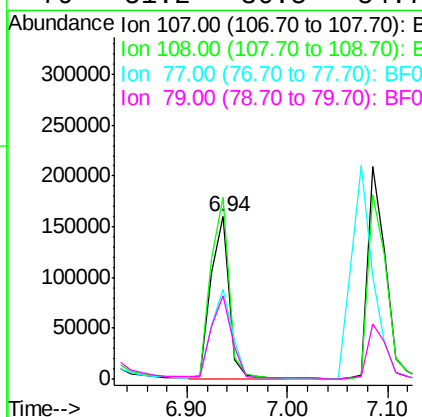
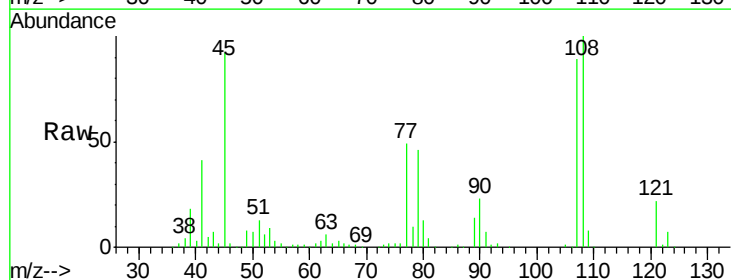
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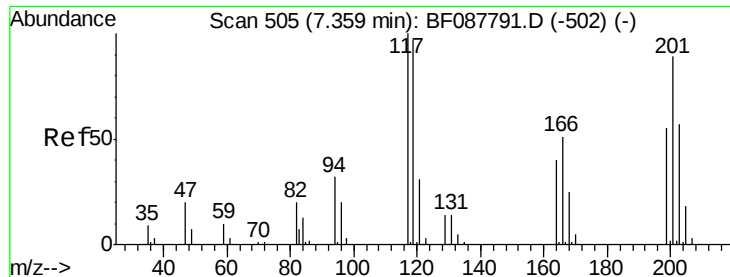
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#17
2-Methylphenol
Concen: 40.18 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	202853		
108	111.9	90.9	136.3	
77	55.2	36.6	55.0	
79	51.2	36.5	54.7	





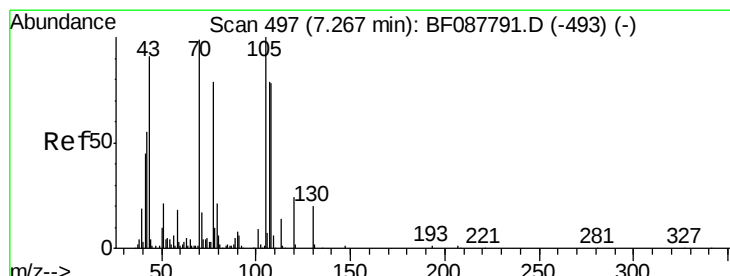
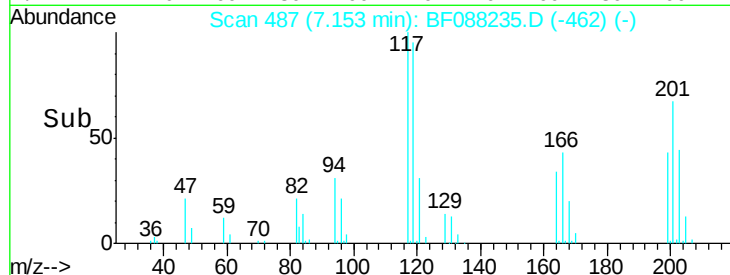
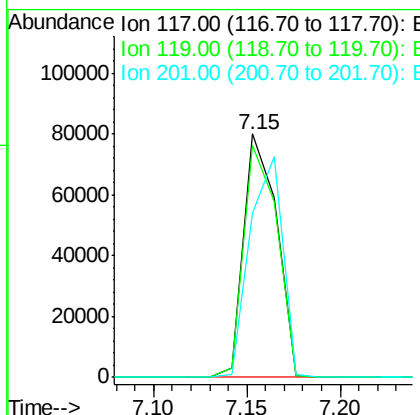
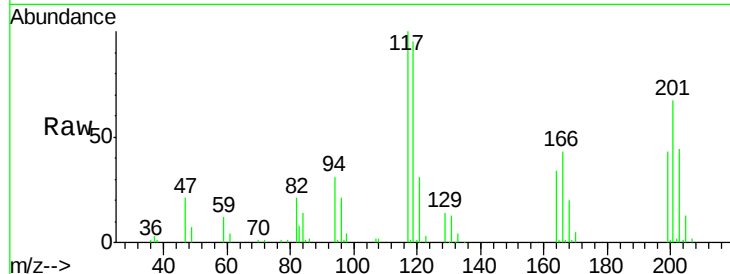
#18
Hexachloroethane
Concen: 41.01 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampled :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	97907		
119	95.3	77.4	116.2	
201	67.4	80.4	120.6#	

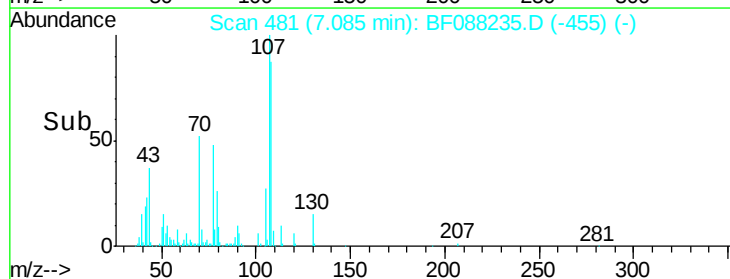
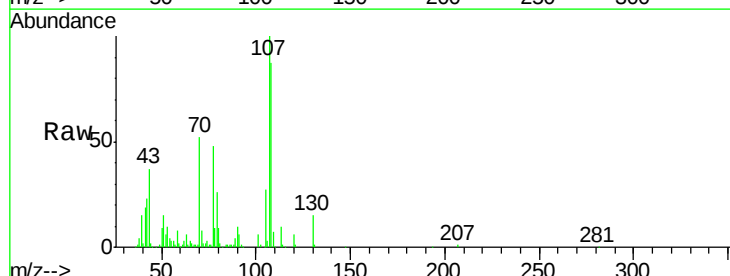
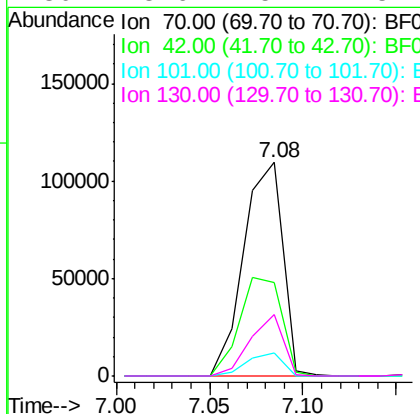
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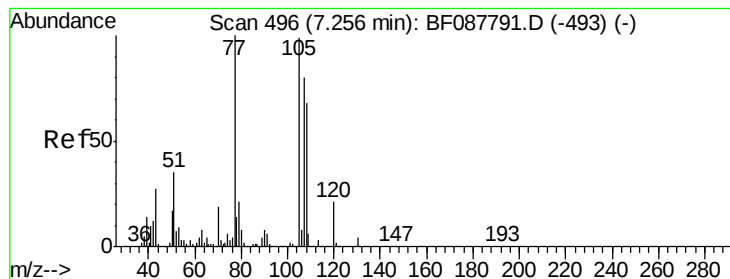
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#19
n-Nitroso-di-n-propylamine
Concen: 38.98 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	158944		
42	43.8	49.6	74.4#	
101	10.8	7.1	10.7#	
130	28.6	15.4	23.2#	





#20

3+4-Methylphenols

Concen: 44.14 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF088235.D

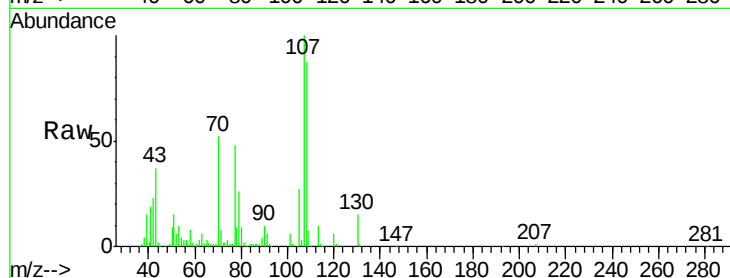
Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

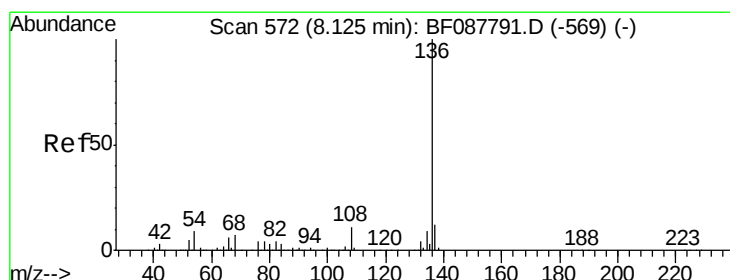
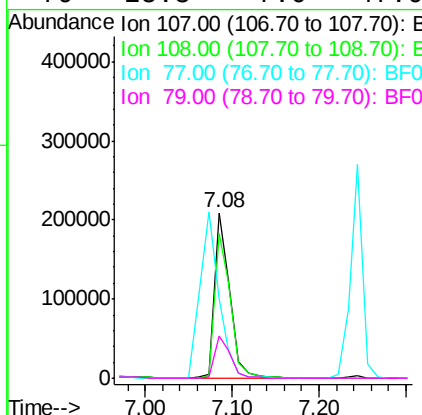
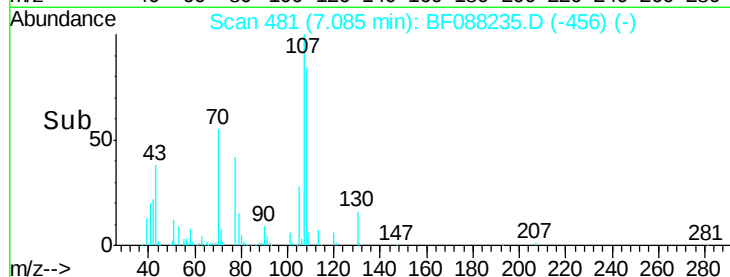
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	87.1	67.8	107.8	
77	77	48.3	59.3	99.3#	
79	79	25.8	7.0	47.0	

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#21

Naphthalene-d8

Concen: 20.00 ng

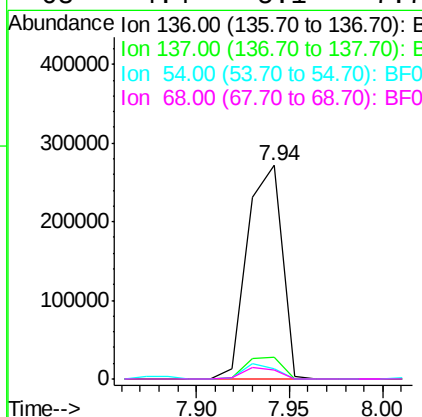
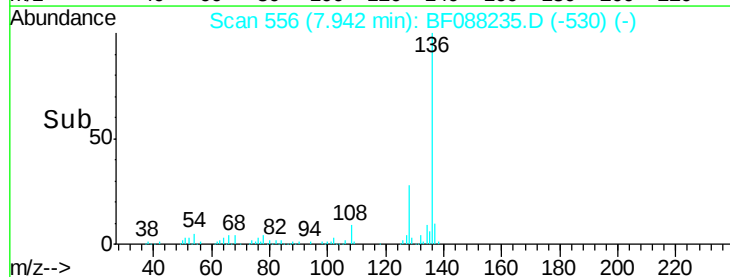
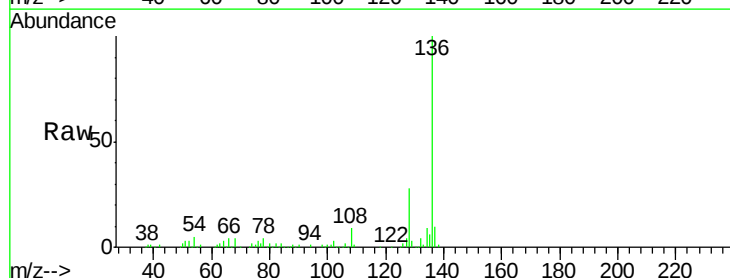
RT: 7.94 min Scan# 556

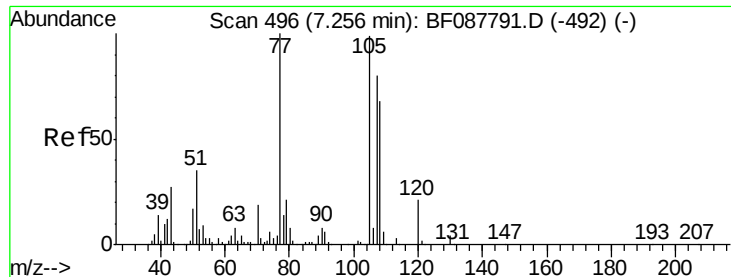
Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100			
137	137	10.4	9.1	13.7	
54	54	4.9	6.6	10.0#	
68	68	4.4	5.1	7.7#	





#22

Acetophenone

Concen: 43.02 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF088235.D

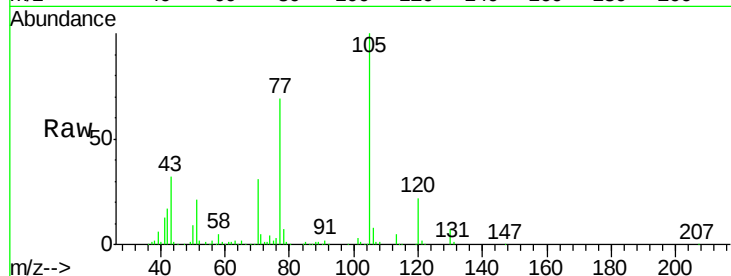
Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampleId :

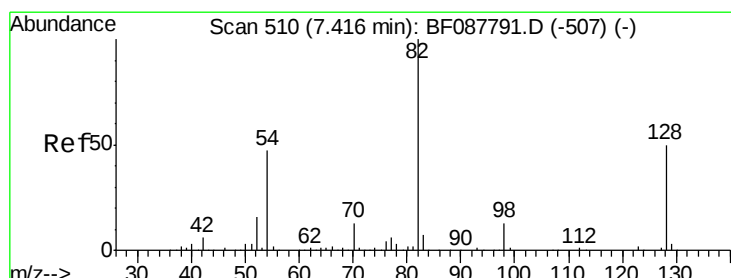
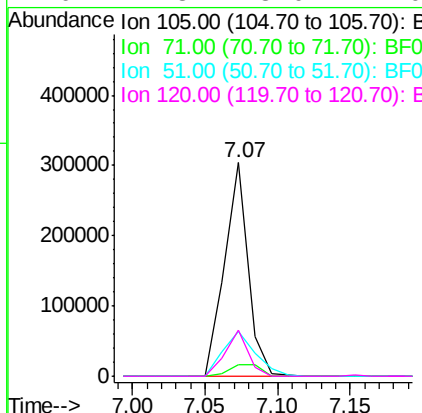
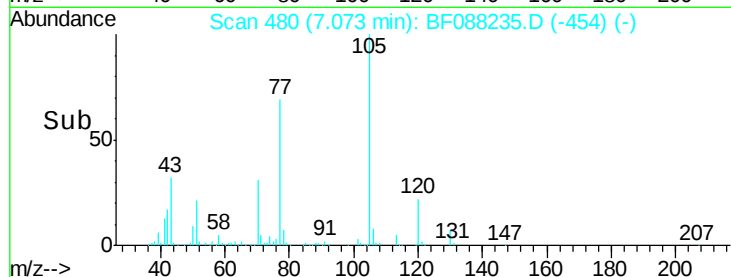
PB91389BS



Tot Ion:	105	Resp:	342494
Ion Ratio	Lower	Upper	
105	100		
71	5.4	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

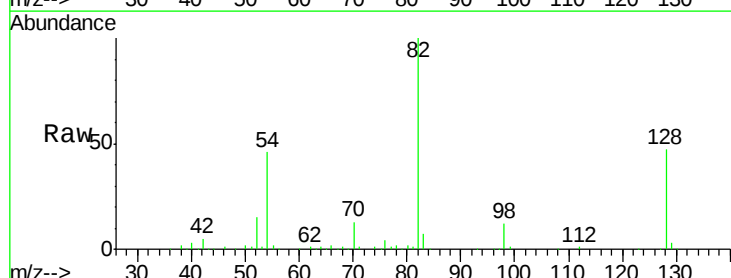
Concen: 74.84 ng

RT: 7.22 min Scan# 493

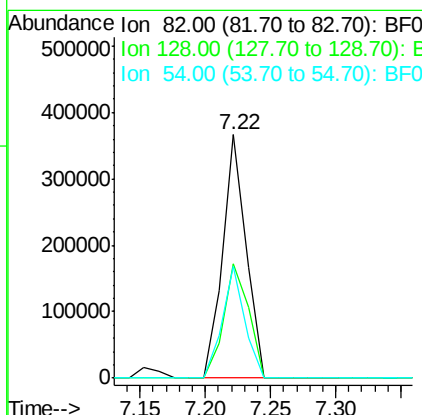
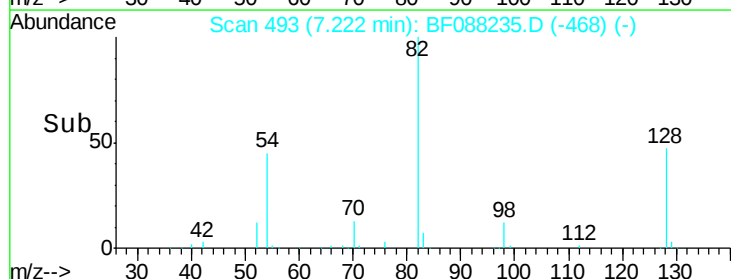
Delta R.T. -0.01 min

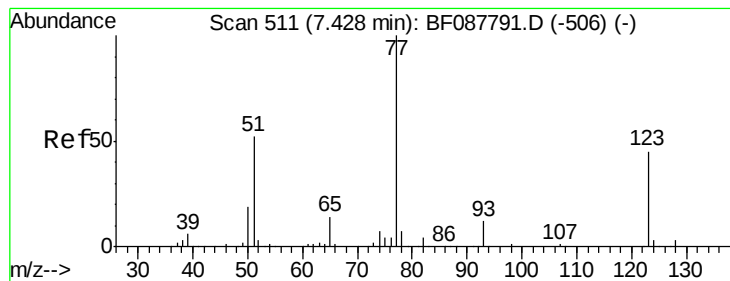
Lab File: BF088235.D

Acq: 22 Jun 2016 2:05



Tgt Ion:	82	Resp:	456546
Ion Ratio	Lower	Upper	
82	100		
128	46.8	35.9	53.9
54	45.9	40.9	61.3





#24

Nitrobenzene

Concen: 44.67 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

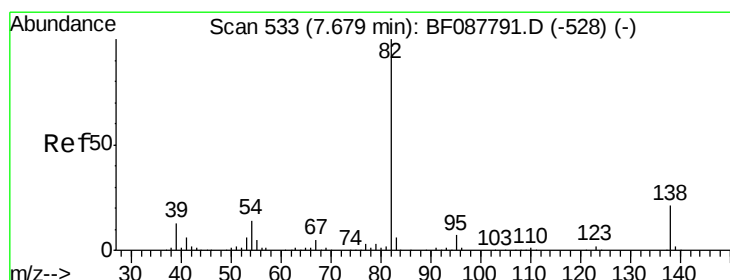
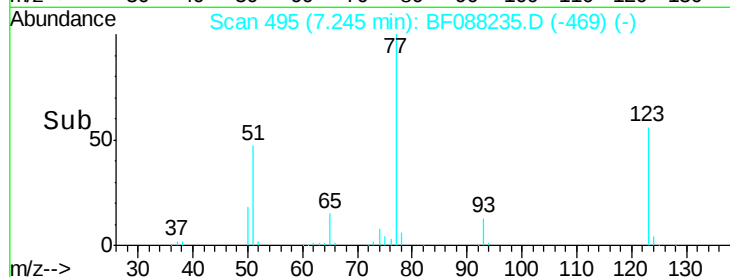
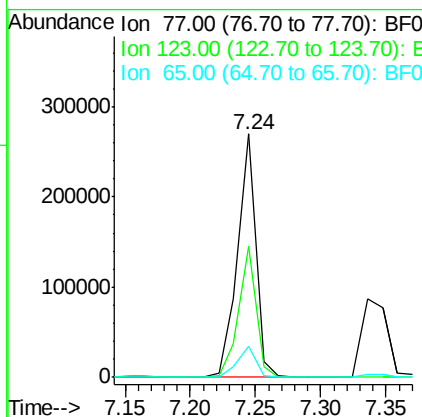
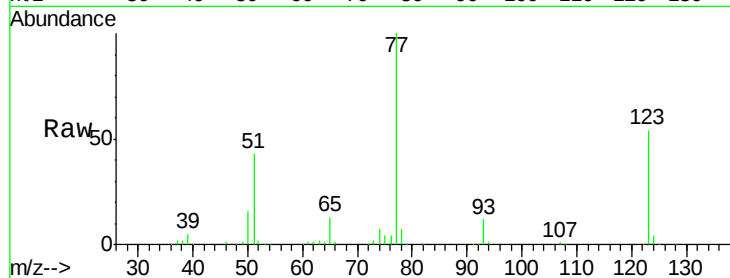
ClientSampleId :

PB91389BS

Tot Ion:	77	Resp:	263936
Ion Ratio	Lower	Upper	
77	100		
123	53.9	45.0	67.4
65	12.8	10.2	15.2

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#25

Isophorone

Concen: 39.89 ng

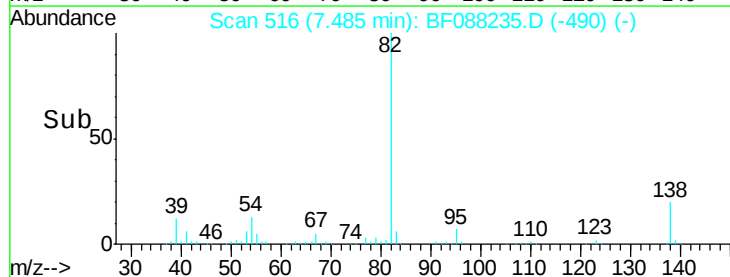
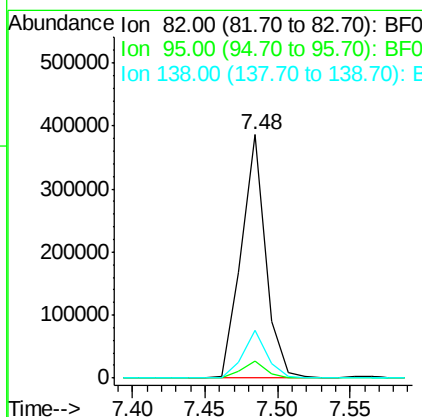
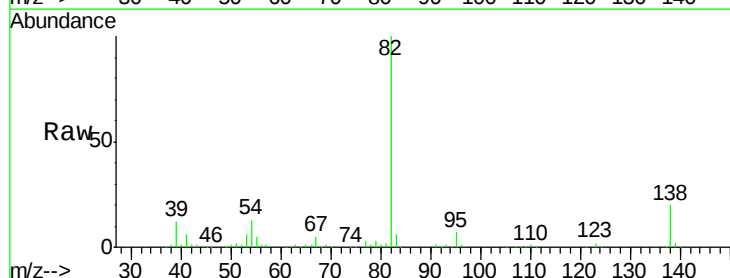
RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:	82	Resp:	450716
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	19.5	14.6	21.8





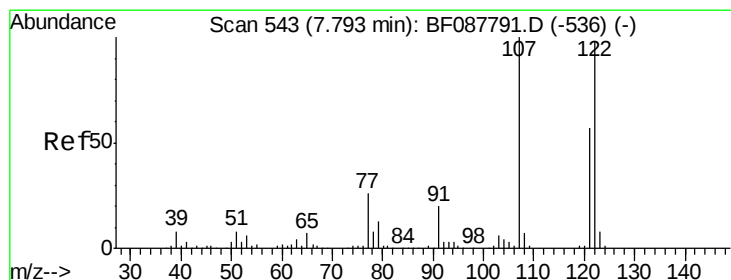
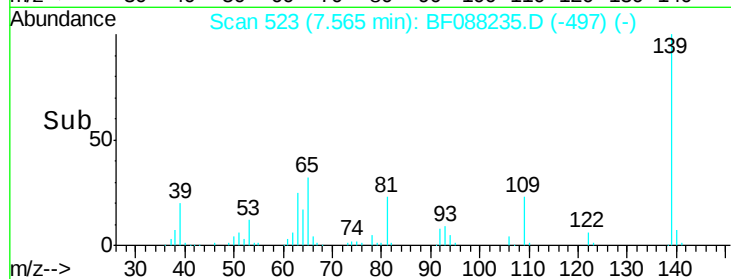
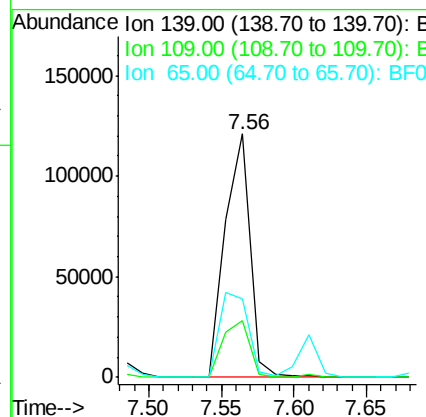
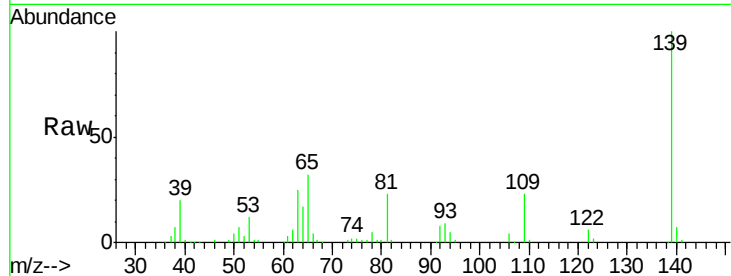
#26
2-Nitrophenol
Concen: 45.72 ng
RT: 7.56 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	23.1	23.0	34.4
65	32.0	45.8	68.8

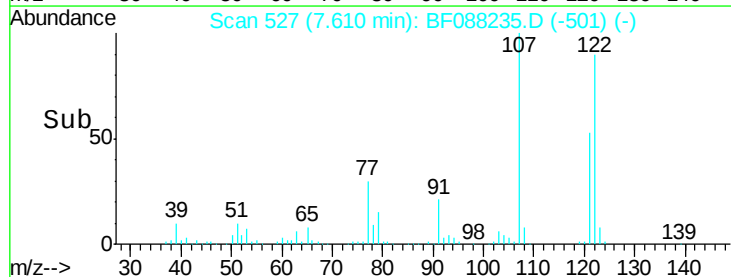
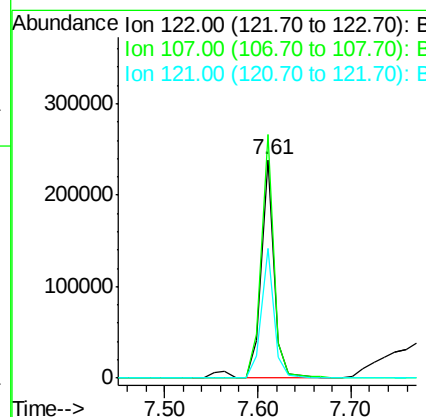
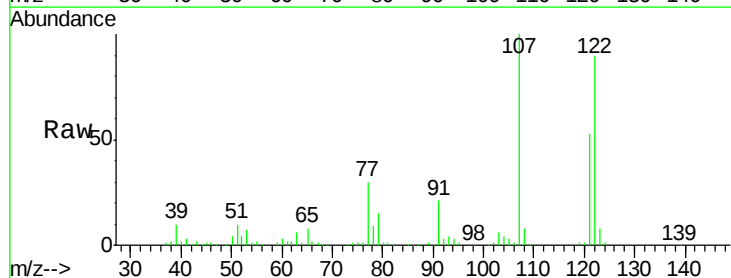
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#27
2,4-Dimethylphenol
Concen: 40.43 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	111.6	82.4	123.6
121	59.5	46.3	69.5





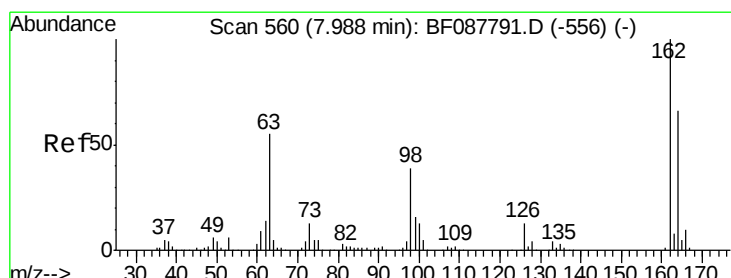
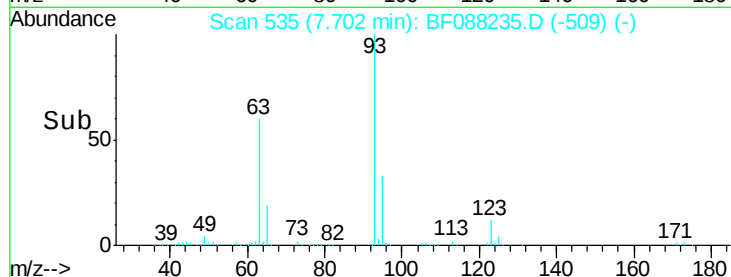
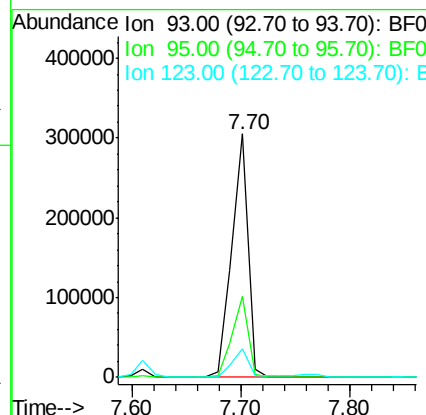
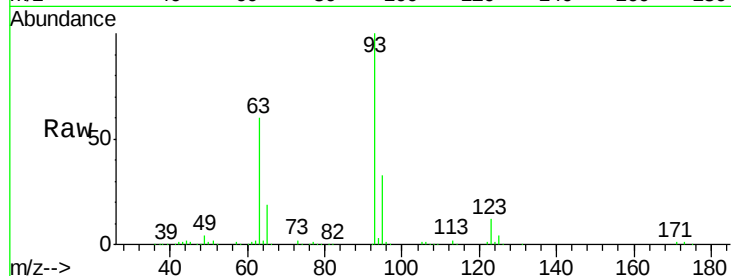
#28
bis(2-Chloroethoxy)methane
Concen: 44.87 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.2	26.5	39.7	
123	11.8	11.6	17.4	

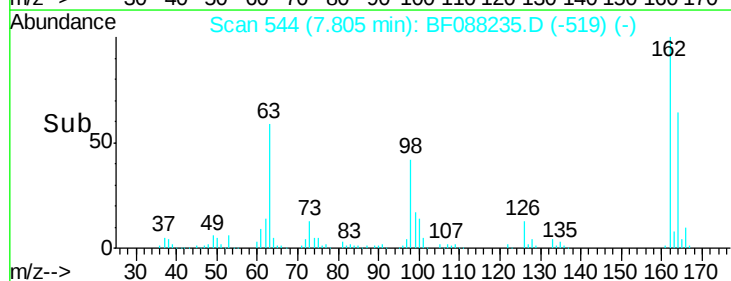
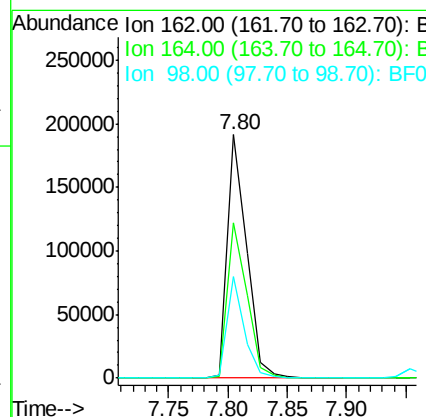
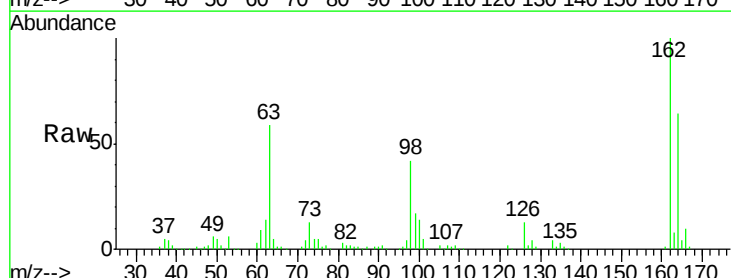
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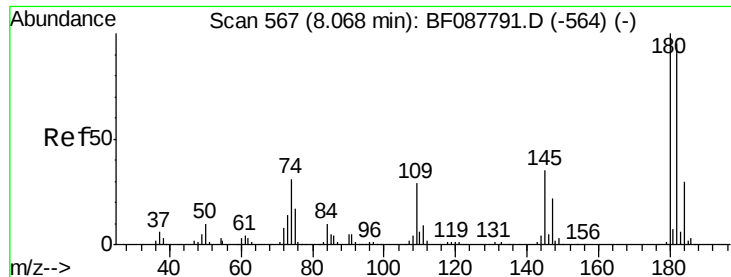
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#29
2,4-Dichlorophenol
Concen: 43.63 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.6	43.8	83.8	
98	41.6	21.3	61.3	





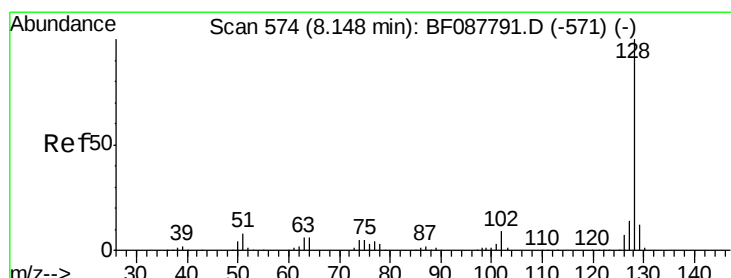
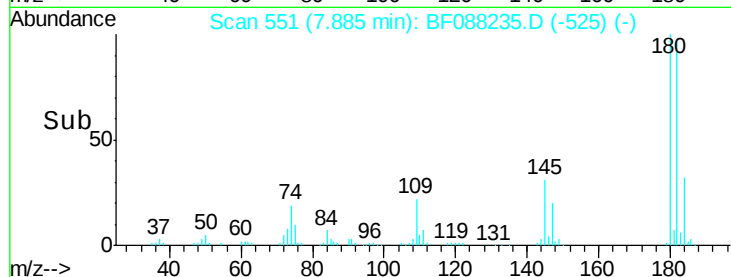
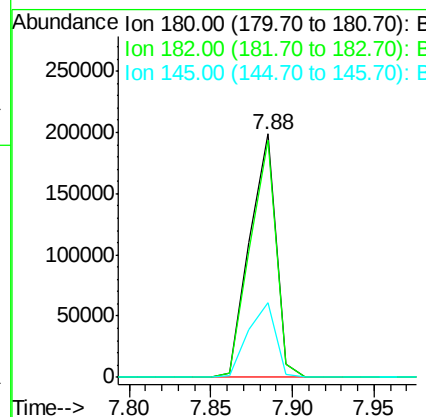
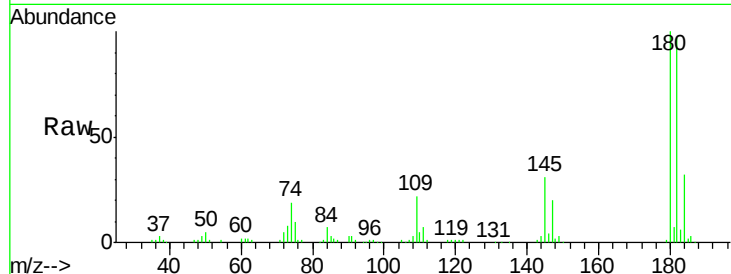
#30
 1,2,4-Trichlorobenzene
 Concen: 41.92 ng
 RT: 7.88 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222106		
182	97.2	76.0	114.0	
145	30.8	26.5	39.7	

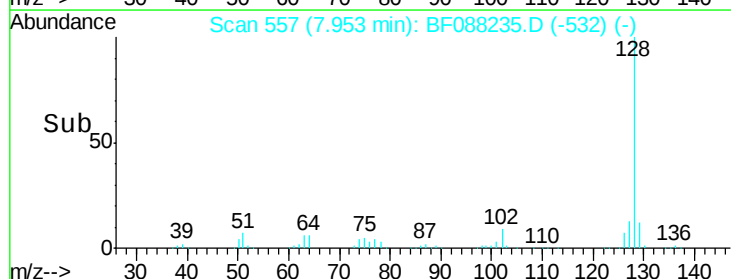
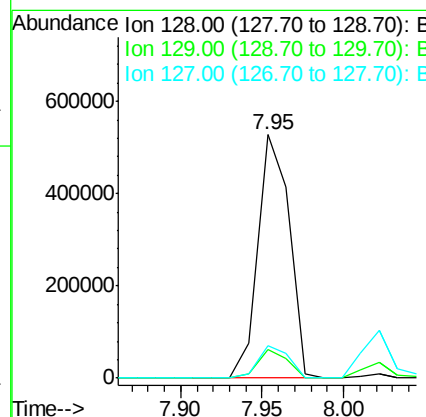
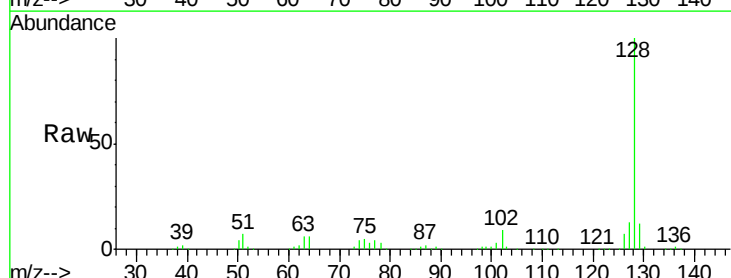
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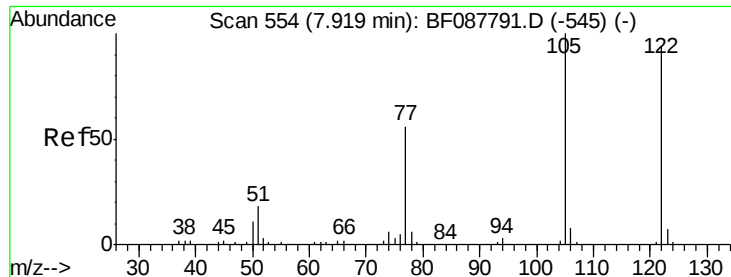
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#31
 Naphthalene
 Concen: 40.08 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	706522		
129	11.5	9.4	14.2	
127	13.3	10.9	16.3	





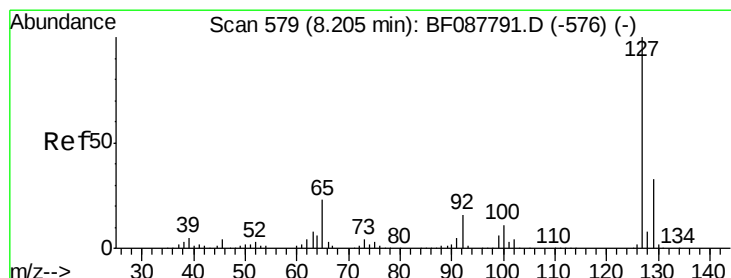
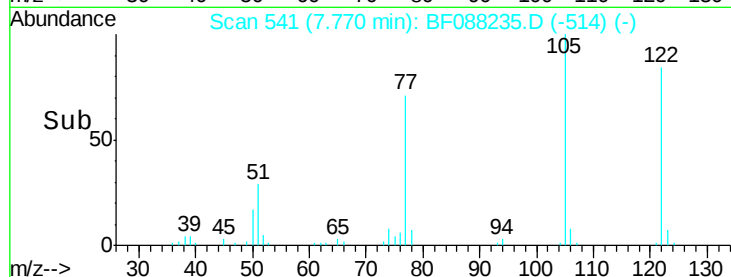
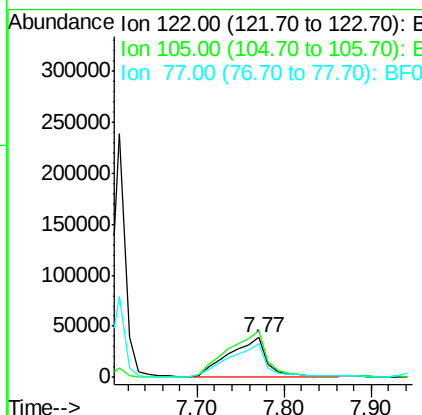
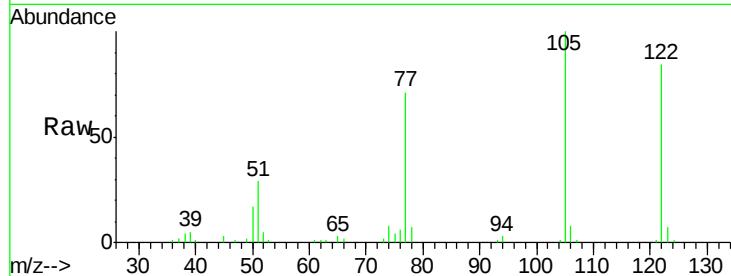
#32
Benzoic acid
Concen: 37.33 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	119809		
105	118.6	101.6	141.6	
77	83.7	70.6	110.6	

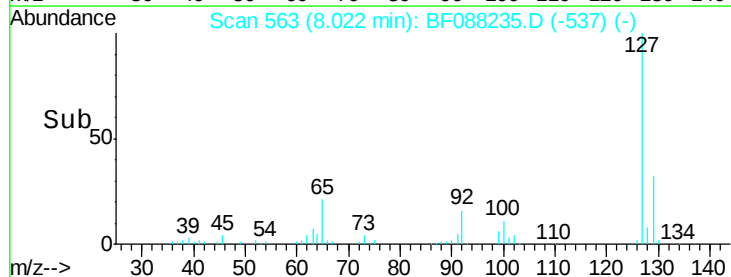
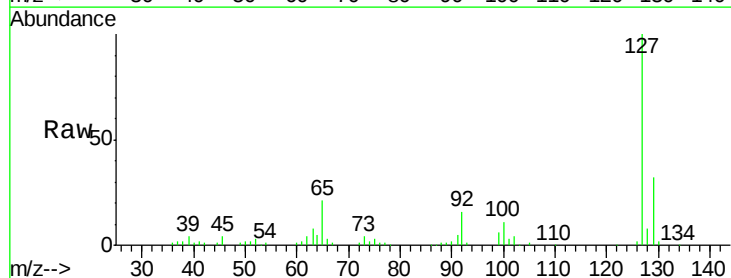
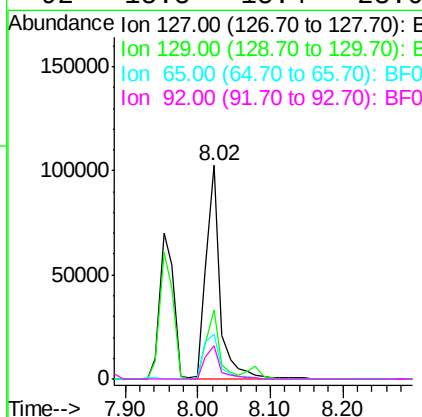
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#33
4-Chloroaniline
Concen: 17.57 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	138264		
129	32.4	26.3	39.5	
65	21.3	24.7	37.1#	
92	15.5	15.4	23.0	





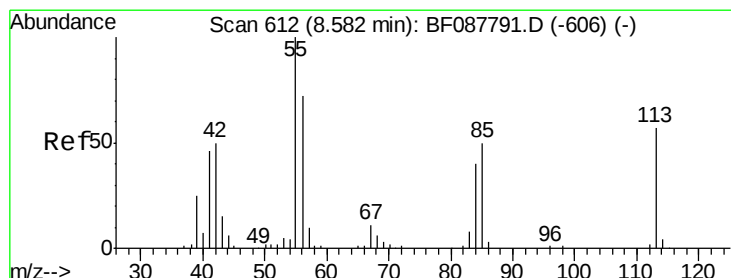
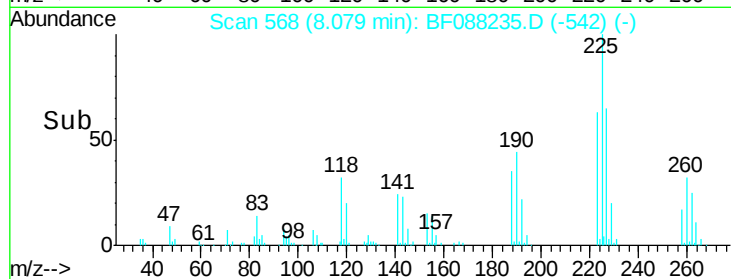
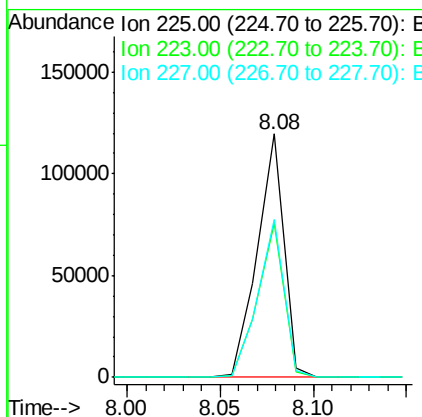
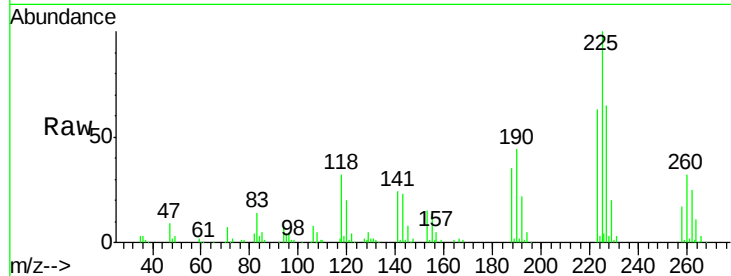
#34
Hexachlorobutadiene
Concen: 42.15 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	117792		
223	63.1	50.9	76.3	
227	64.6	51.9	77.9	

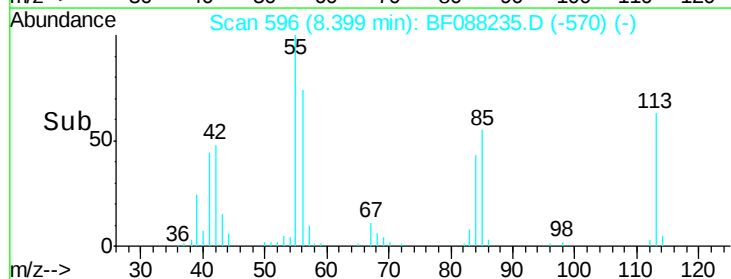
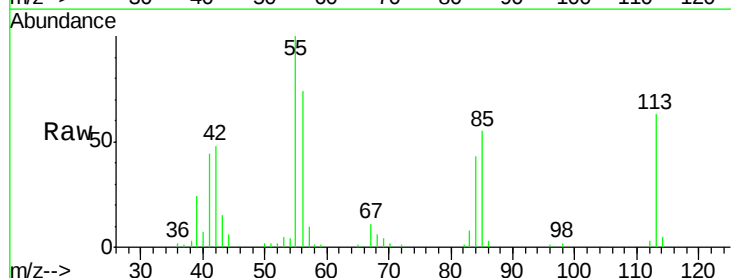
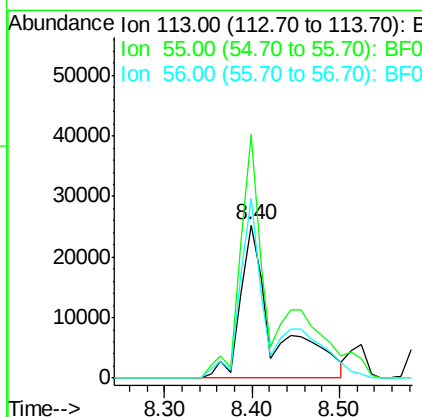
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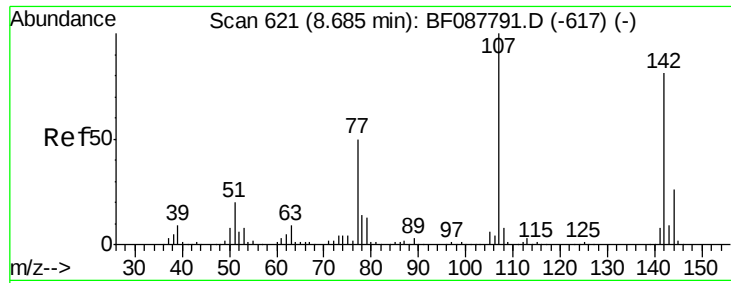
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#35
Caprolactam
Concen: 42.95 ng m
RT: 8.40 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	69226		
55	159.0	158.6	198.6	
56	117.6	110.6	150.6	





#36

4-Chloro-3-methylphenol

Concen: 45.00 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.01 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

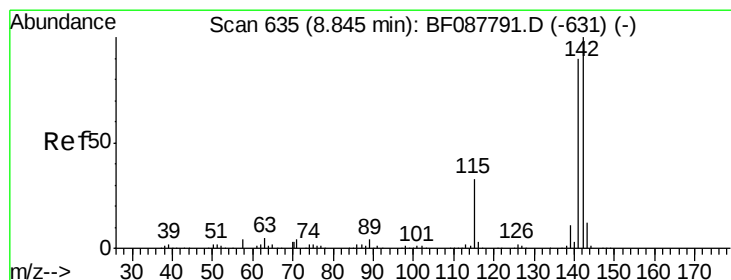
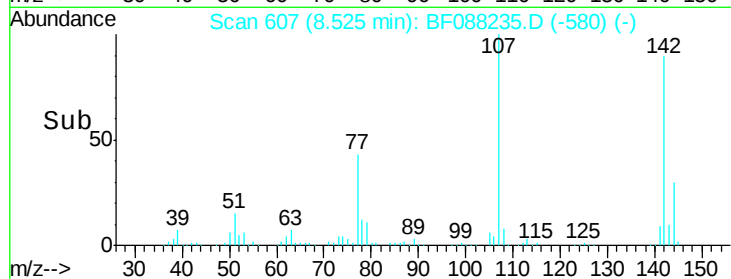
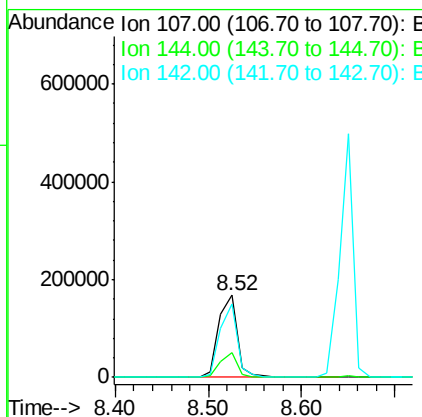
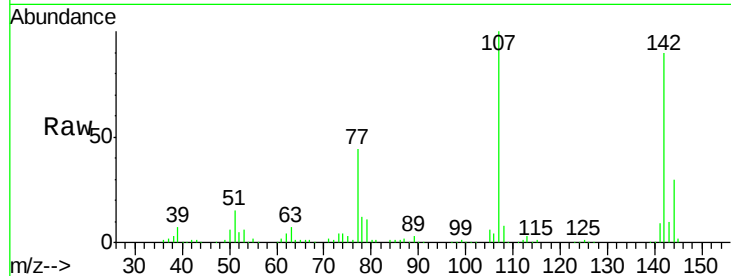
ClientSampleId :

PB91389BS

Tot Ion:	107	Resp:	234175
Ion Ratio	Lower	Upper	
107	100		
144	30.0	20.8	31.2
142	89.9	63.4	95.2

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#37

2-Methylnaphthalene

Concen: 42.98 ng

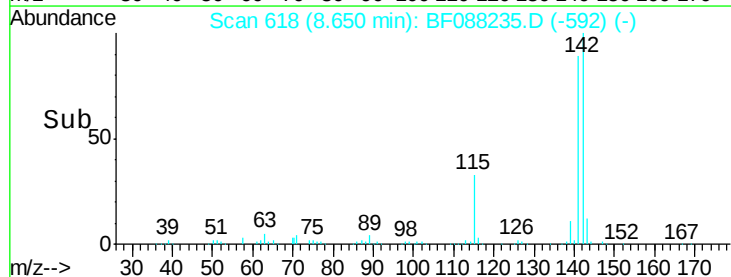
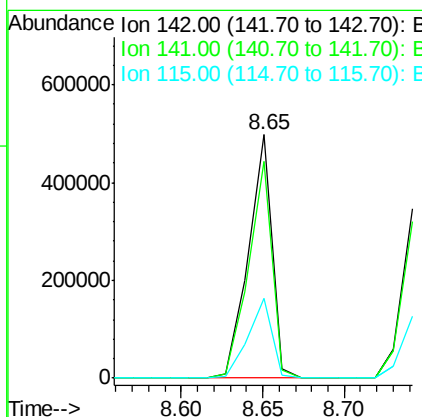
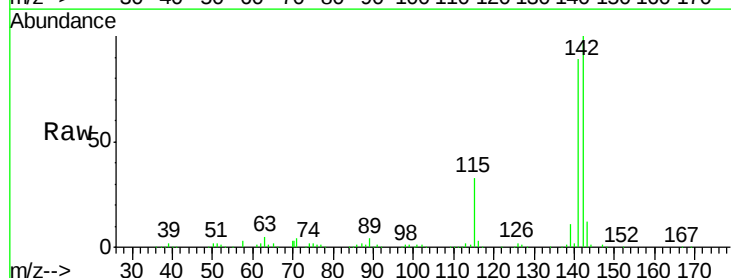
RT: 8.65 min Scan# 618

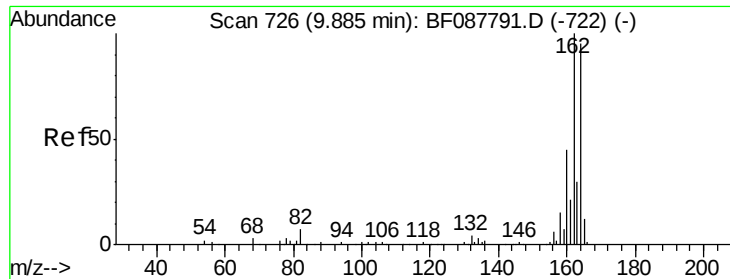
Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:	142	Resp:	499391
Ion Ratio	Lower	Upper	
142	100		
141	88.8	71.0	106.6
115	32.9	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: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

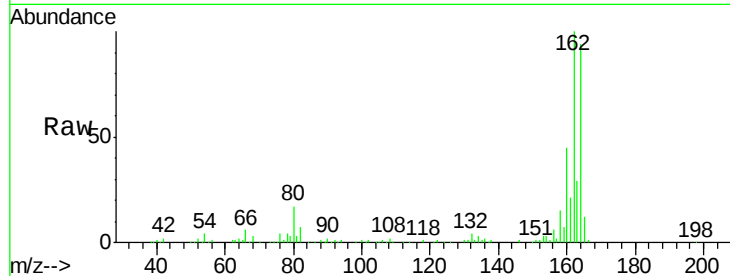
ClientSampleId :

PB91389BS

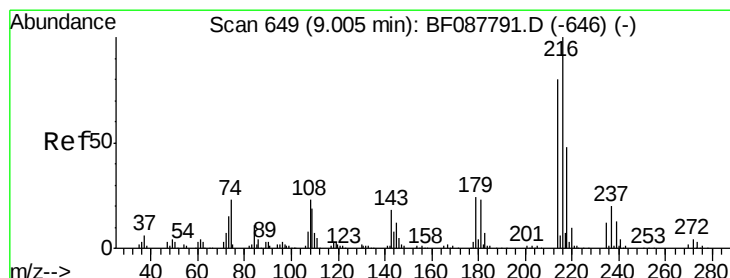
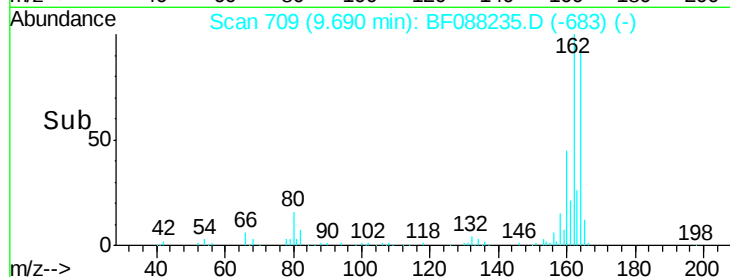
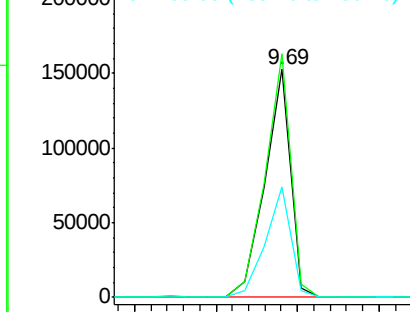
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.8	85.4	128.2	
160	48.2	39.5	59.3	

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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: 47.82 ng

RT: 8.82 min Scan# 633

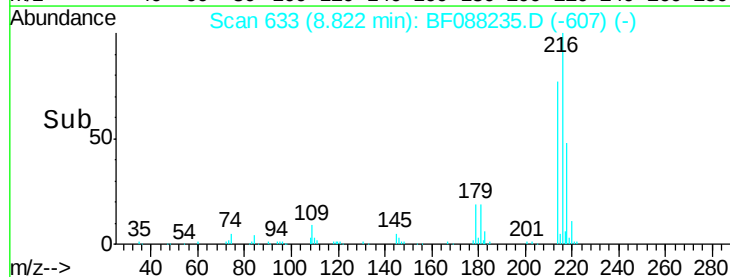
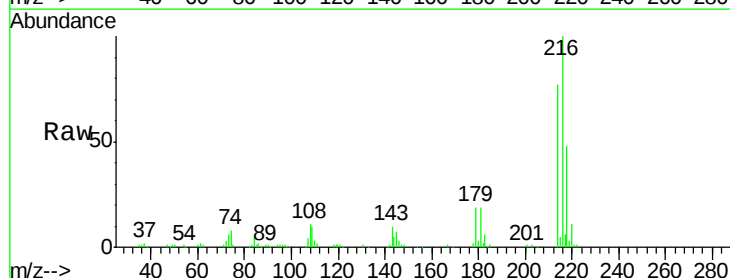
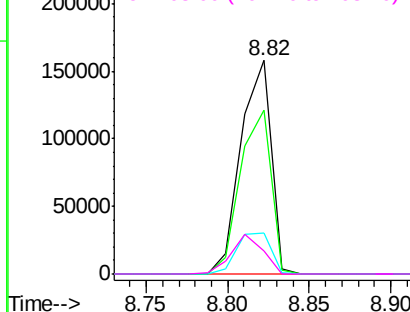
Delta R.T. 0.00 min

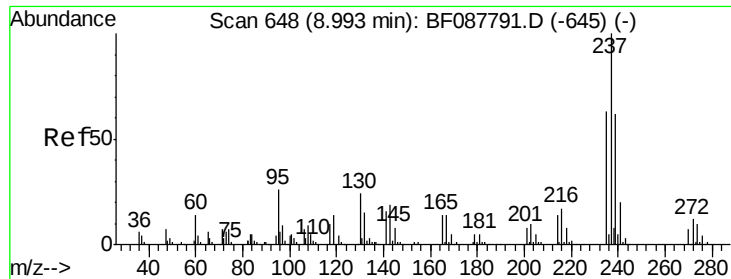
Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	2.9	4.3#	
179	21.7	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





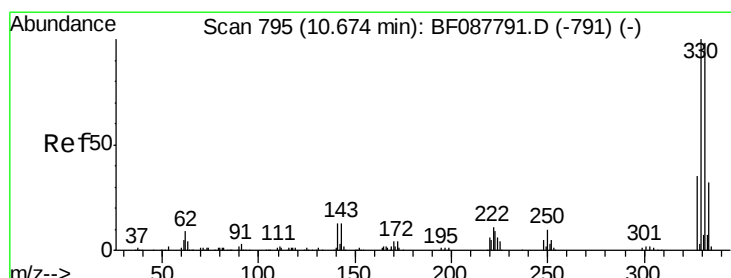
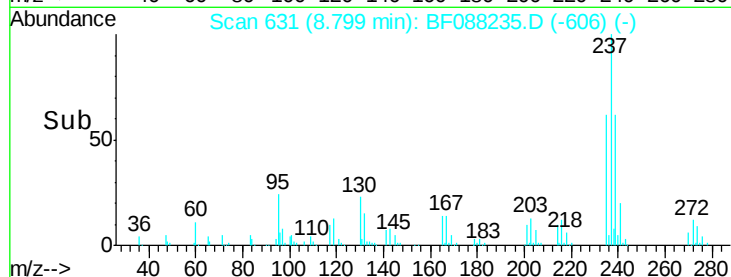
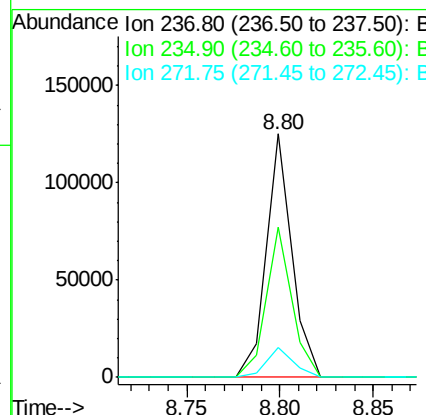
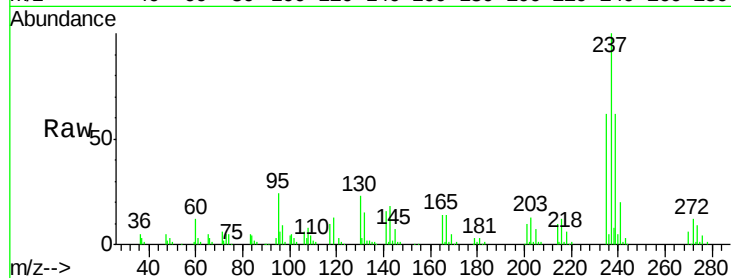
#40
Hexachlorocyclopentadiene
Concen: 43.92 ng
RT: 8.80 min Scan# 631
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	43.4	83.4
272	12.3	0.0	32.3

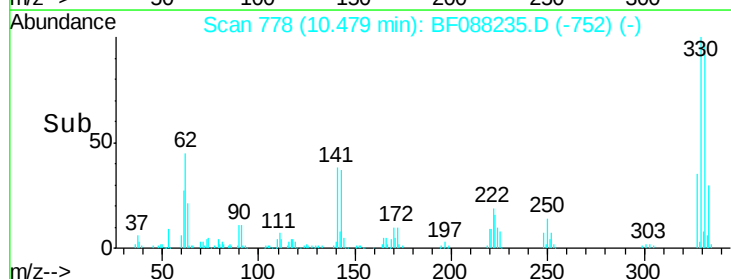
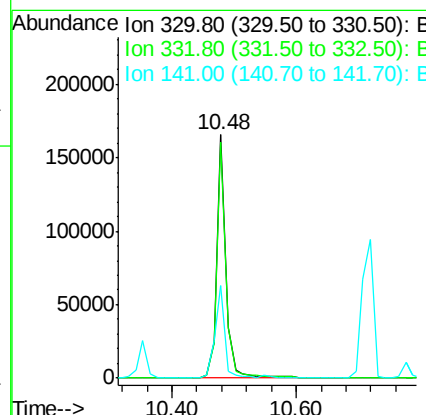
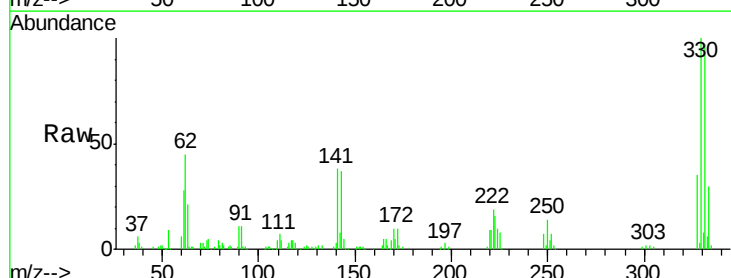
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#41
2,4,6-Tribromophenol
Concen: 97.04 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	40.0	0.0	0.0#





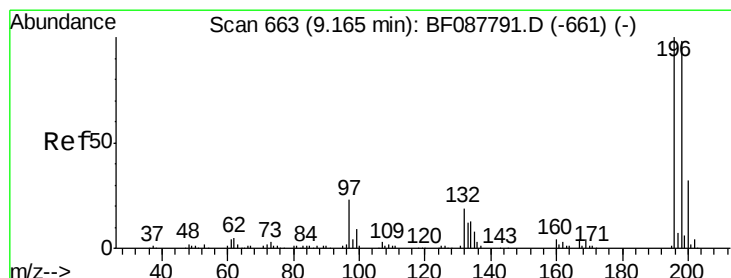
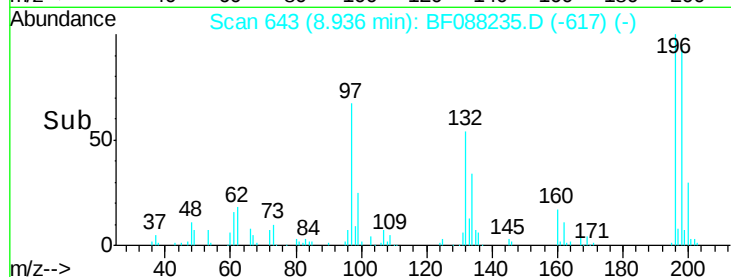
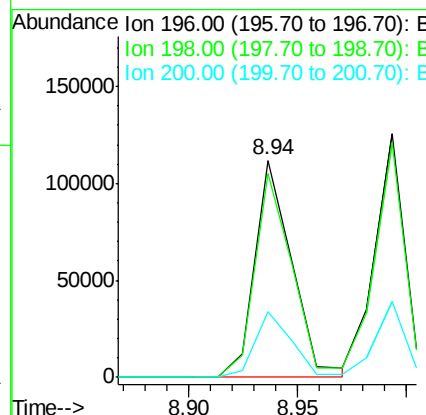
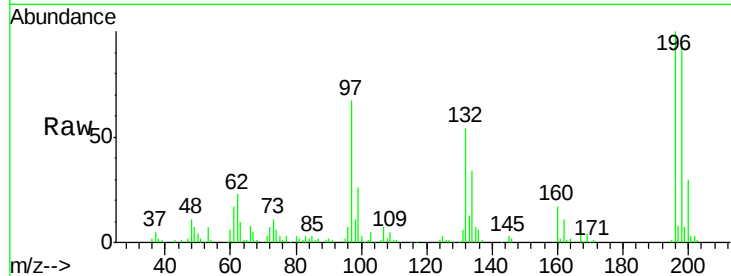
#42
 2,4,6-Trichlorophenol
 Concen: 39.82 ng
 RT: 8.94 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	132649		
198	94.3	78.0	117.0	
200	30.5	25.4	38.2	

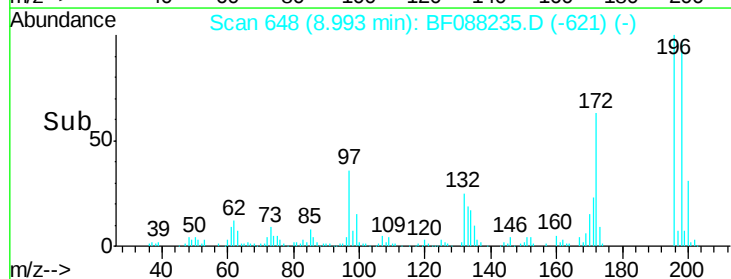
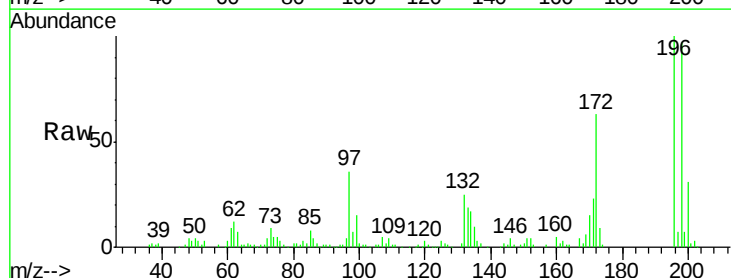
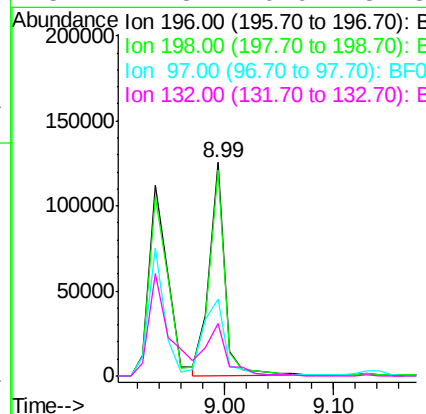
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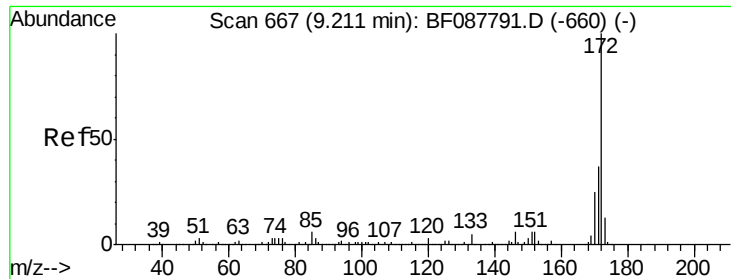
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#43
 2,4,5-Trichlorophenol
 Concen: 36.74 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127316		
198	96.6	77.5	116.3	
97	35.9	32.0	48.0	
132	24.8	20.9	31.3	





#44

2-Fluorobiphenyl

Concen: 79.00 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

ClientSampled :

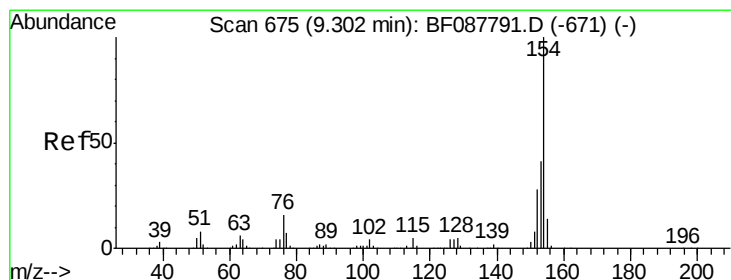
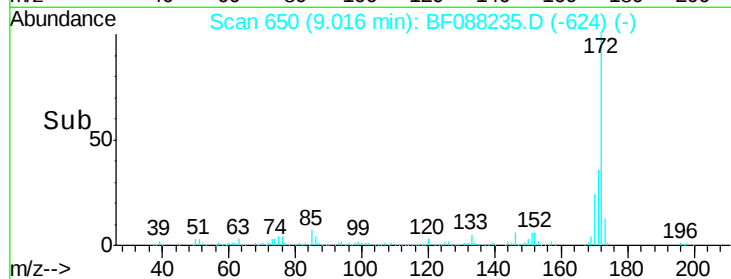
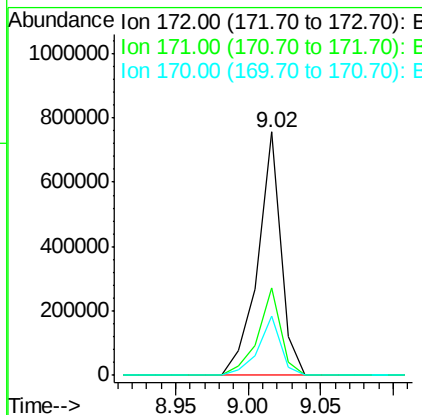
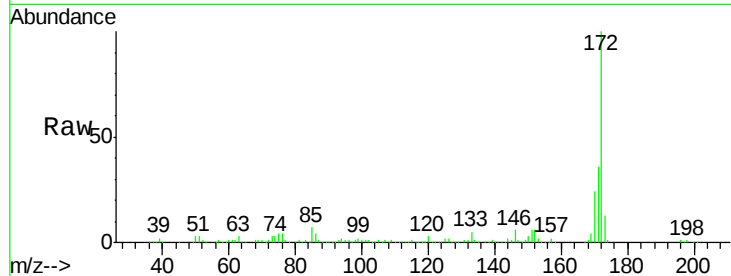
PB91389BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	36.1		28.6	43.0	
170	24.1		19.2	28.8	



#45

1,1'-Biphenyl

Concen: 49.25 ng

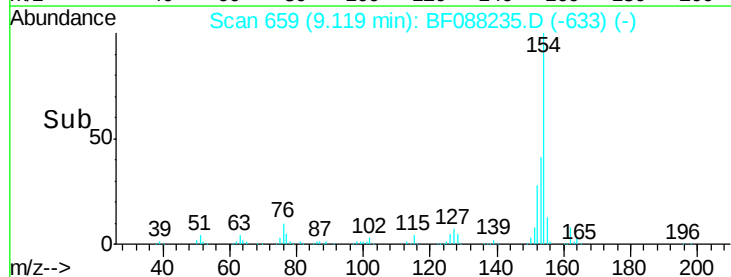
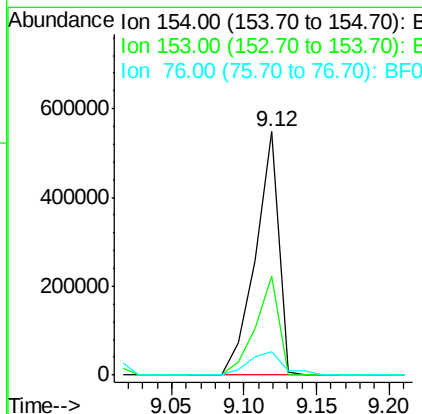
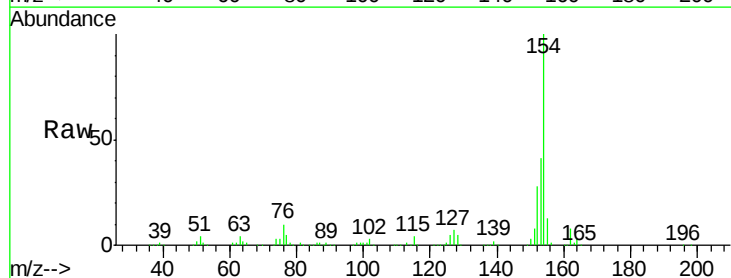
RT: 9.12 min Scan# 659

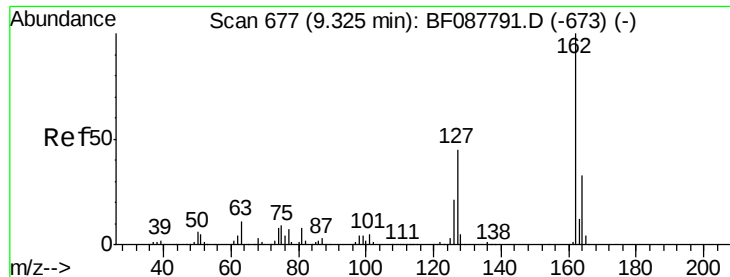
Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.5		20.6	60.6	
76	9.8		0.0	35.1	





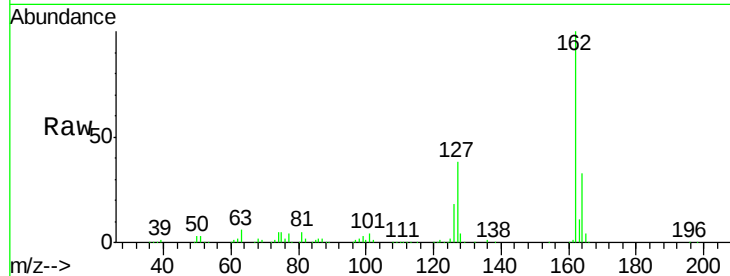
#46
2-Chloronaphthalene
Concen: 43.07 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampled :
PB91389BS

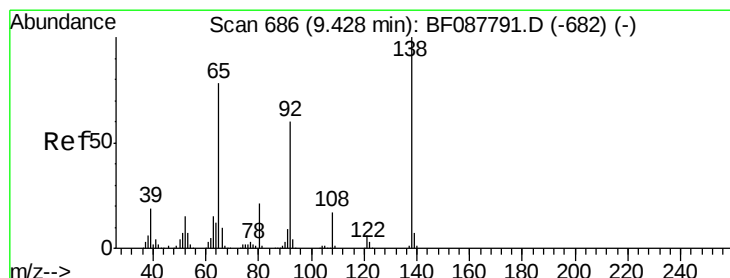
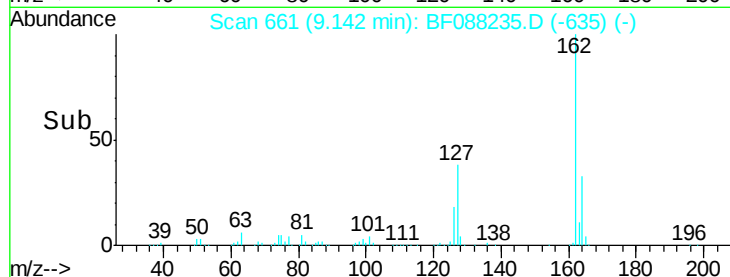
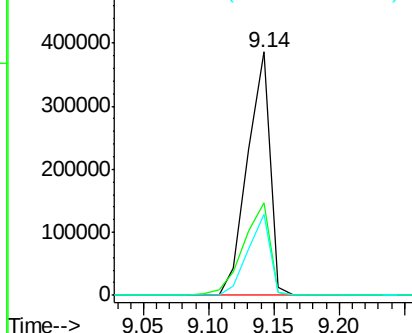
Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.1	35.2	52.8
164	33.4	26.6	39.8

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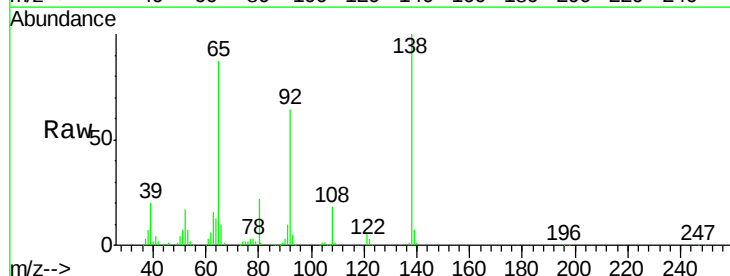


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

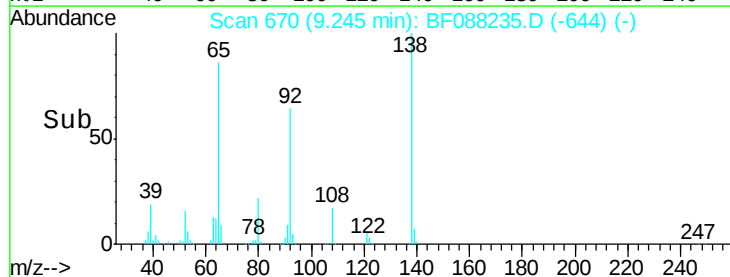
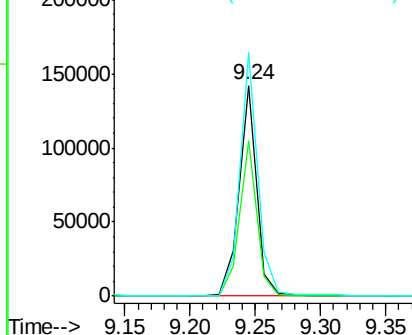


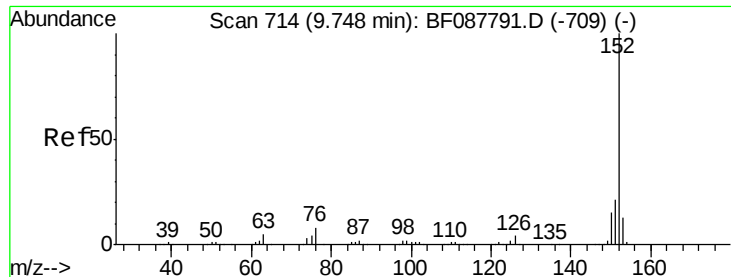
#47
2-Nitroaniline
Concen: 41.28 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	73.8	54.6	82.0
138	115.5	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: 40.64 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

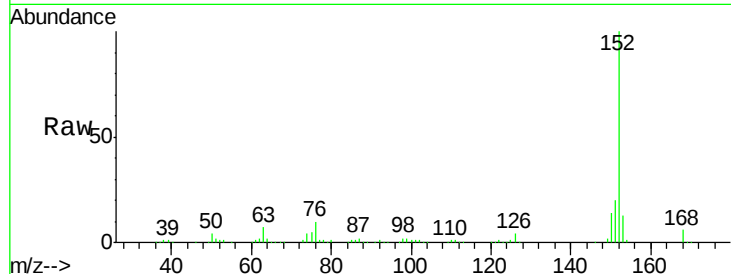
ClientSampleId :

PB91389BS

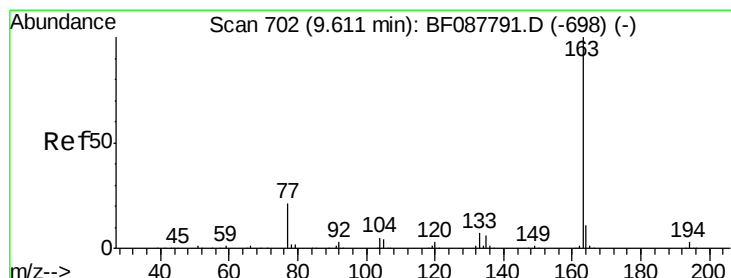
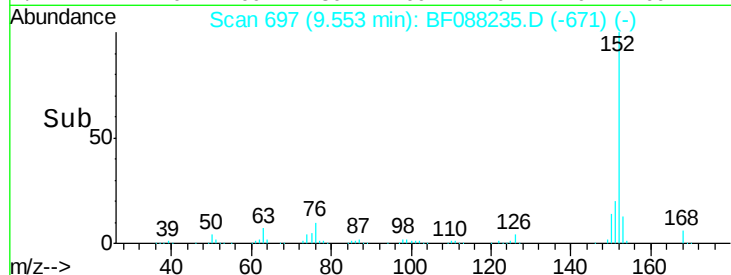
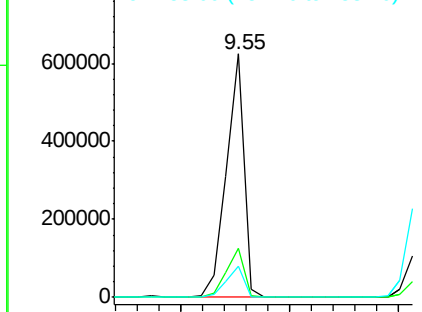
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		696786		
151	20.2	16.2	24.4		
153	12.9	11.0	16.6		

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



#49

Dimethylphthalate

Concen: 43.04 ng

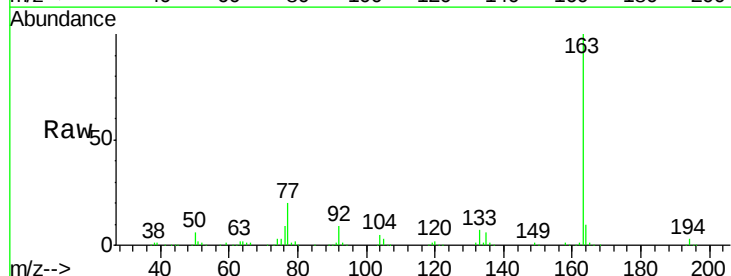
RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

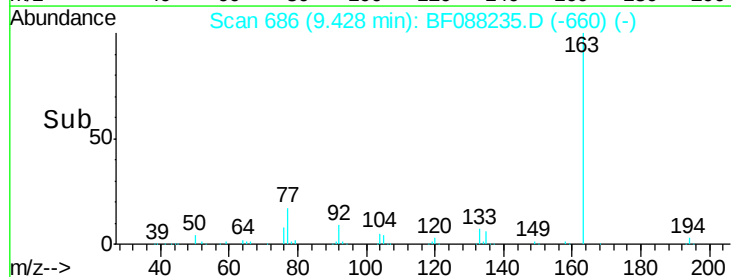
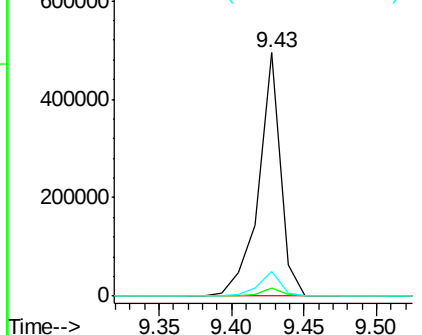
Lab File: BF088235.D

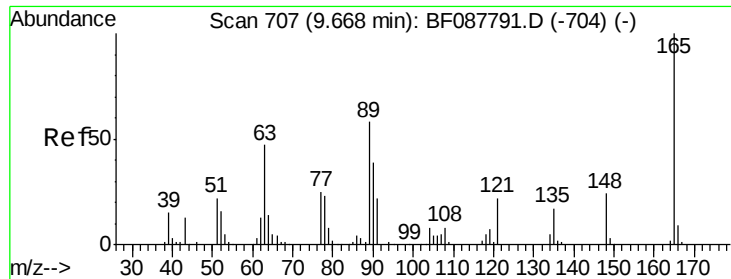
Acq: 22 Jun 2016 2:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		519393		
194	3.2	2.8	4.2		
164	10.1	8.3	12.5		



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





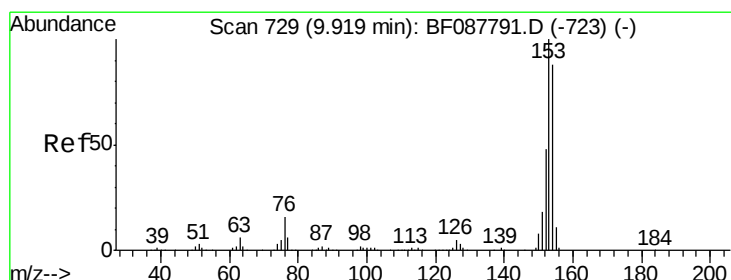
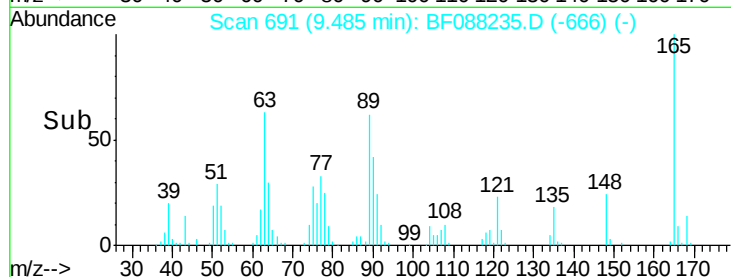
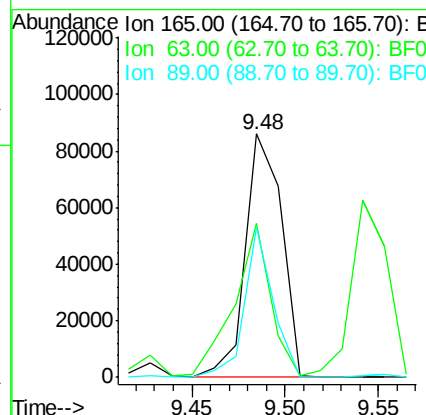
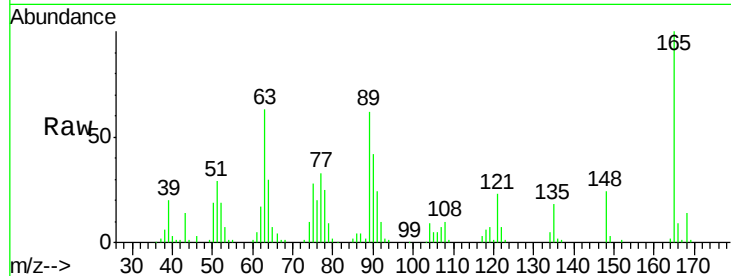
#50
 2,6-Dinitrotoluene
 Concen: 41.92 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	63.3	28.1	42.1#
89	61.6	32.2	48.2#

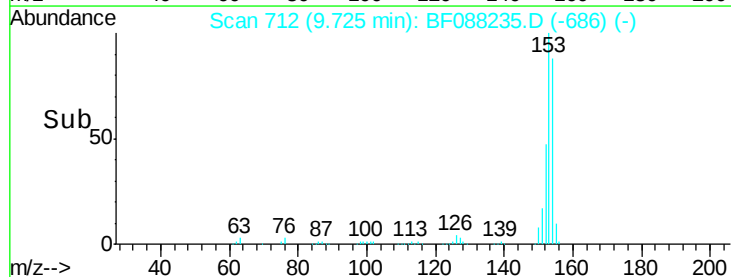
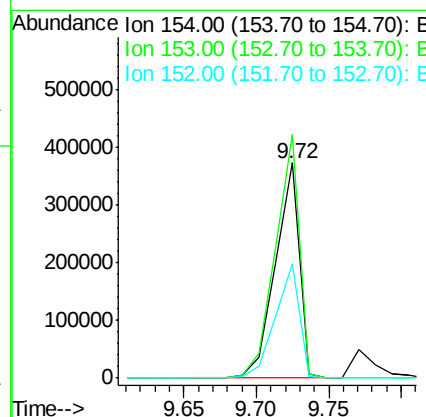
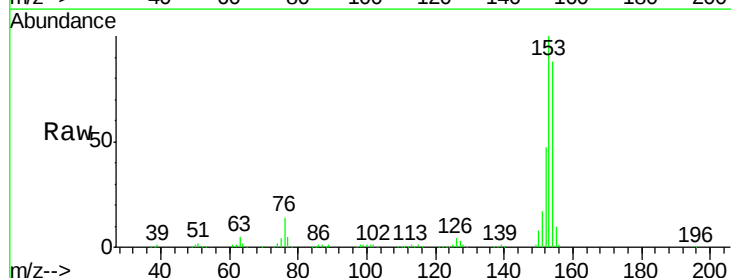
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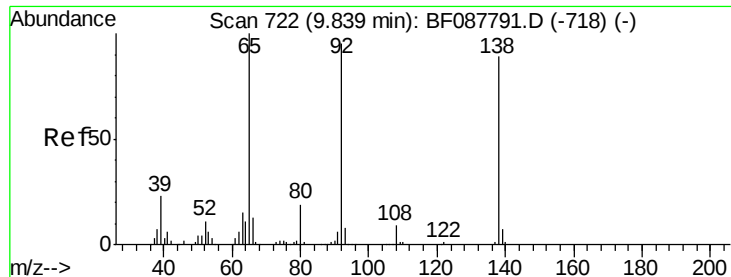
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#51
 Acenaphthene
 Concen: 39.85 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	89.5	134.3
152	53.2	42.7	64.1





#52

3-Nitroaniline

Concen: 24.48 ng

RT: 9.66 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

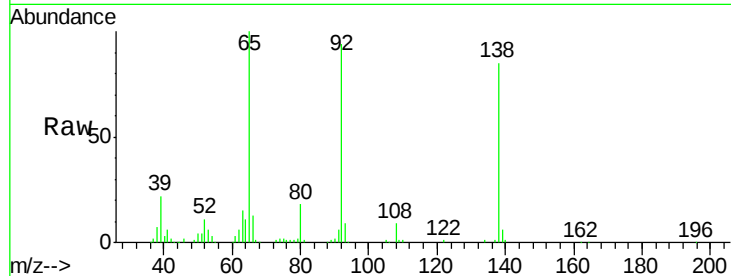
ClientSampleId :

PB91389BS

Tot Ion:	138	Resp:	78077
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.5	12.7
92	110.8	95.7	143.5

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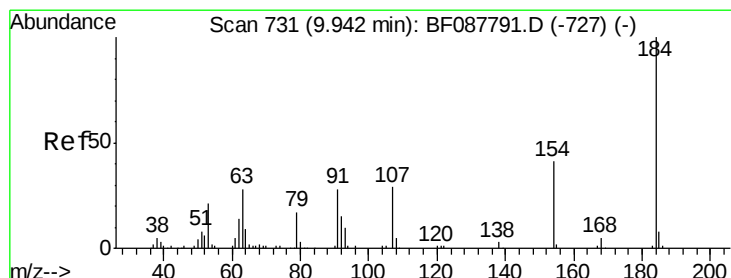
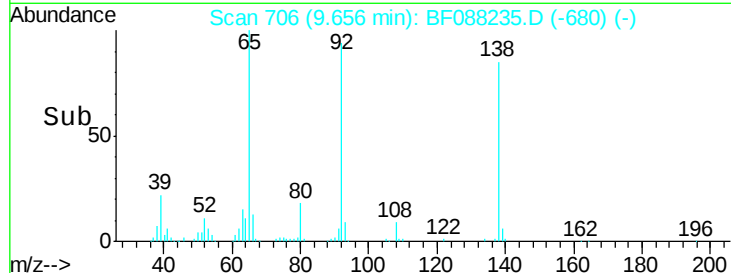
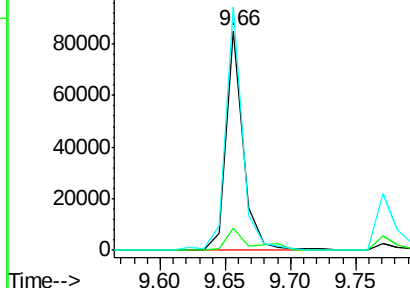
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 68.04 ng

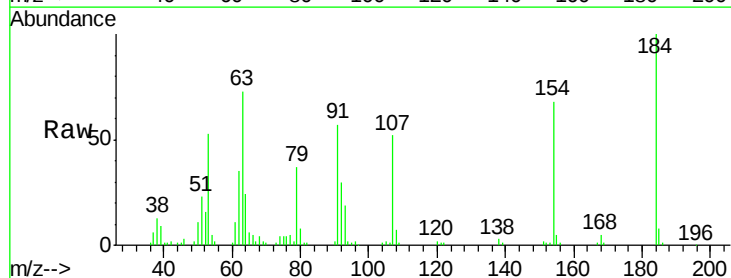
RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

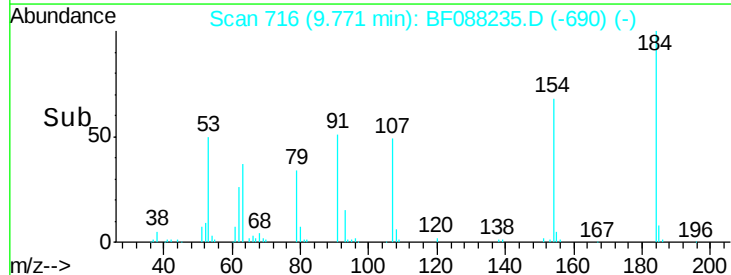
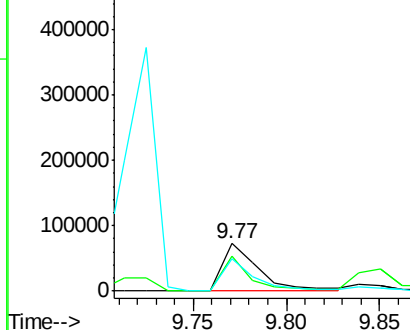
Tgt Ion:	184	Resp:	98960
Ion Ratio	Lower	Upper	
184	100		
63	73.1	57.6	86.4
154	68.3	53.5	80.3

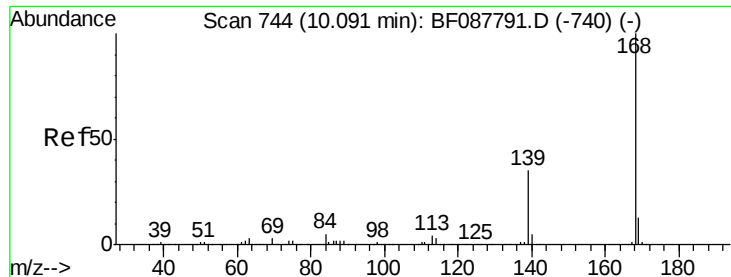


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 40.44 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

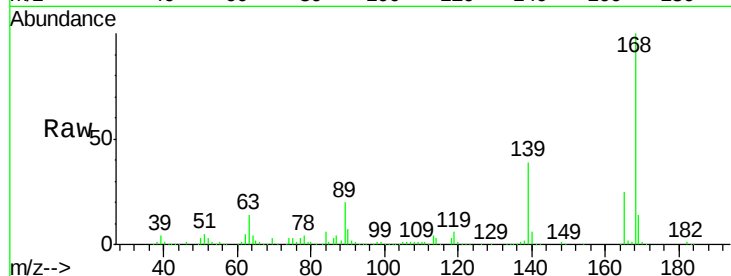
ClientSampleId :

PB91389BS

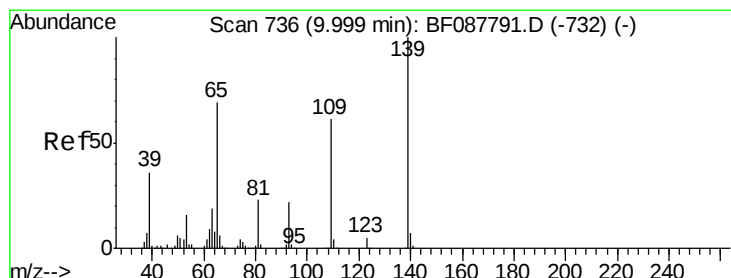
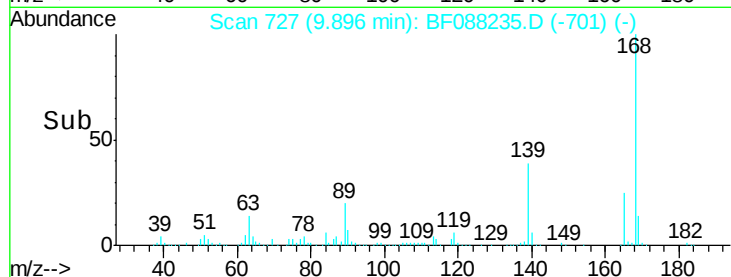
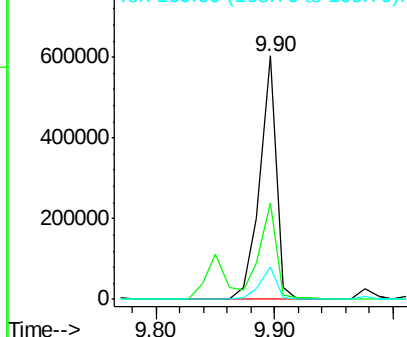
Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		595648		
139	39.5	26.4	39.6		
169	13.5	10.4	15.6		

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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: 56.91 ng

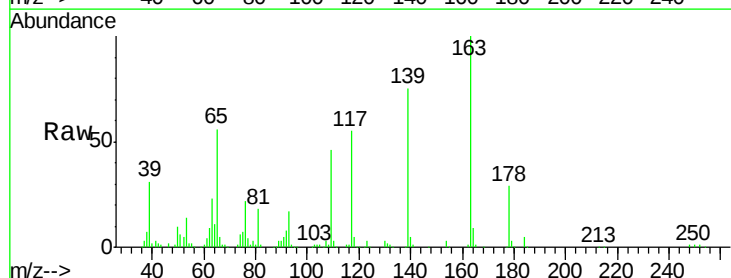
RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

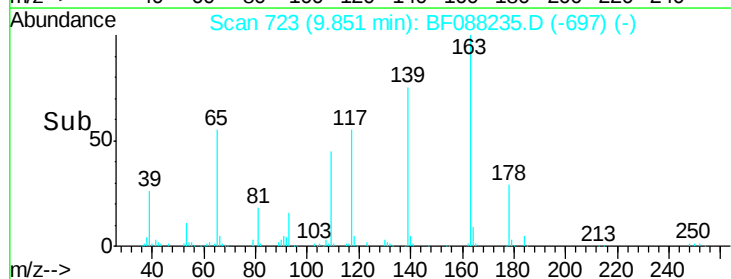
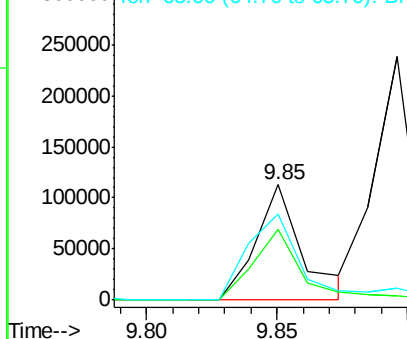
Lab File: BF088235.D

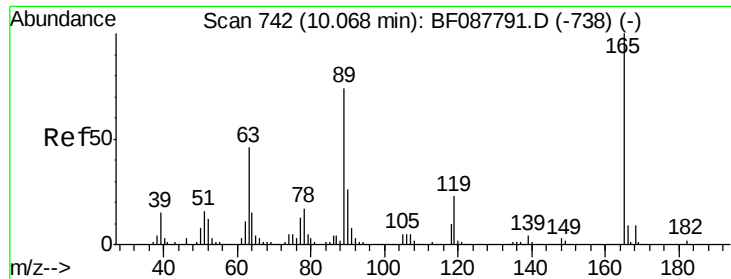
Acq: 22 Jun 2016 2:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
139	100		140841		
109	61.5	48.9	88.9		
65	74.5	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





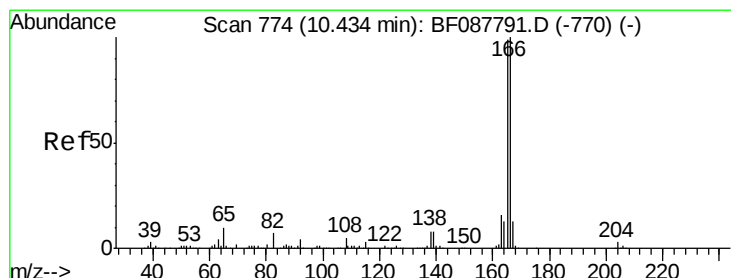
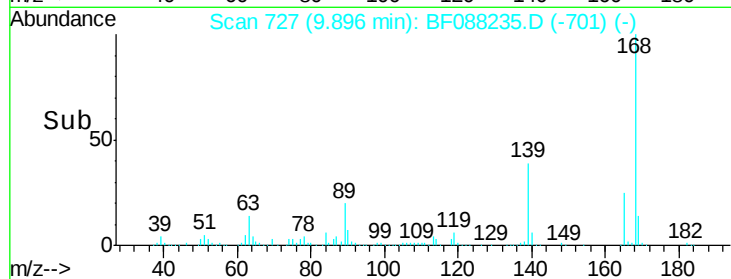
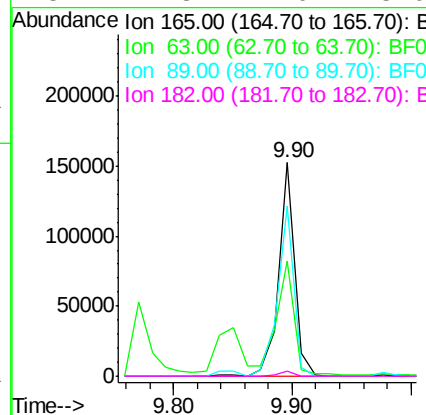
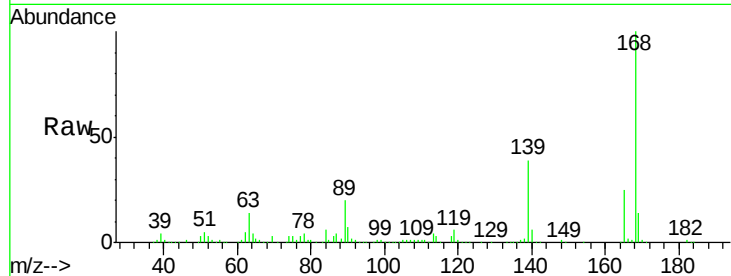
#56
2,4-Dinitrotoluene
Concen: 40.12 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	53.8	22.0	33.0#
89	79.9	41.1	61.7#
182	2.3	2.0	3.0

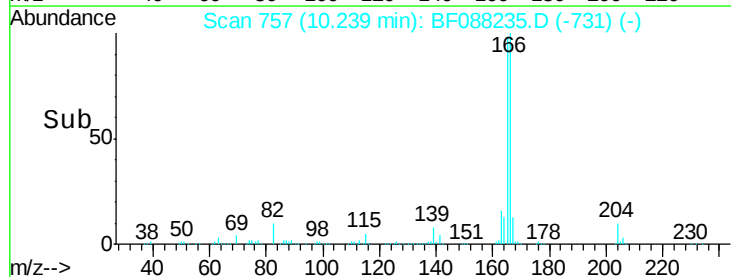
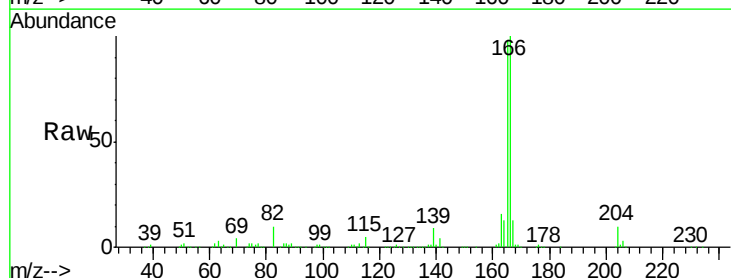
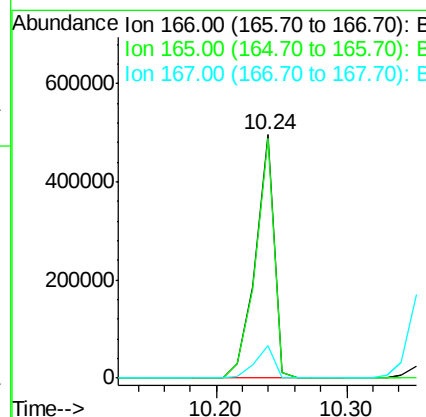
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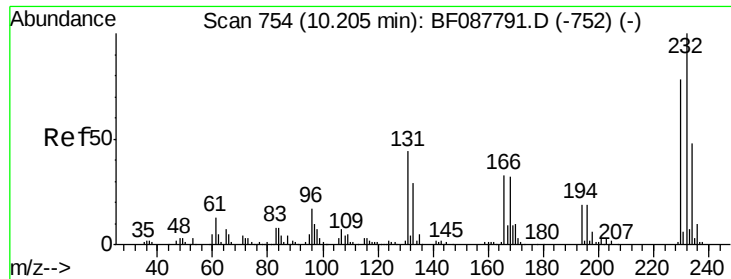
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#57
Fluorene
Concen: 50.72 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.1	11.2	16.8





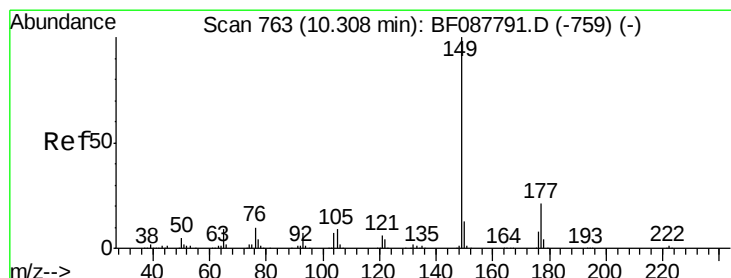
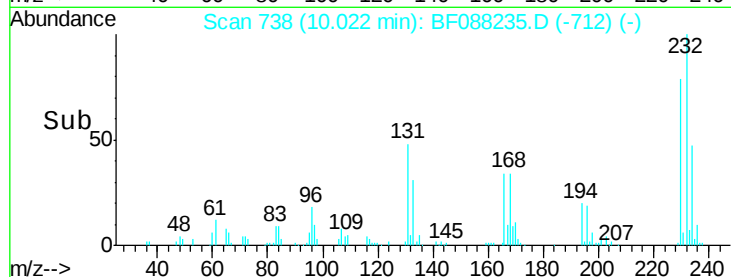
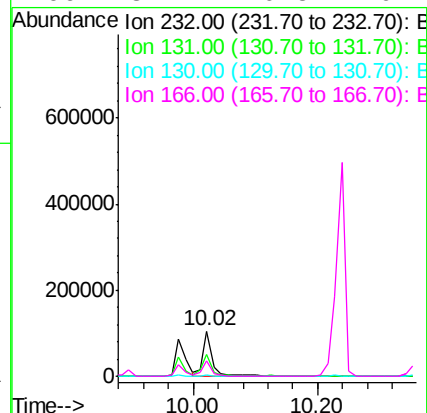
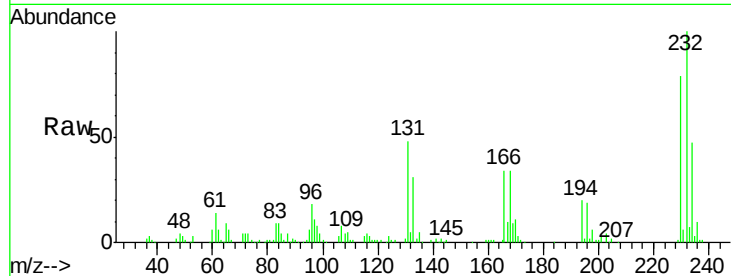
#58
2,3,4,6-Tetrachlorophenol
Concen: 42.60 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.2	0.9	1.3#
130	2.2	1.5	2.3
166	31.4	0.5	0.7#

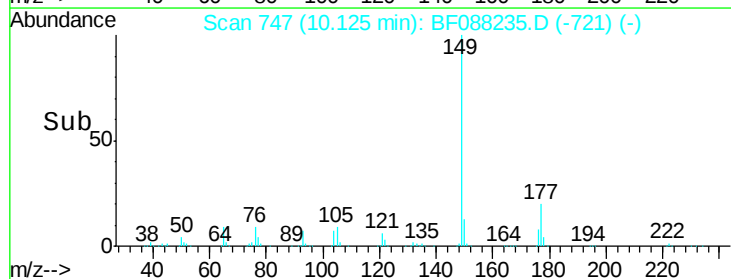
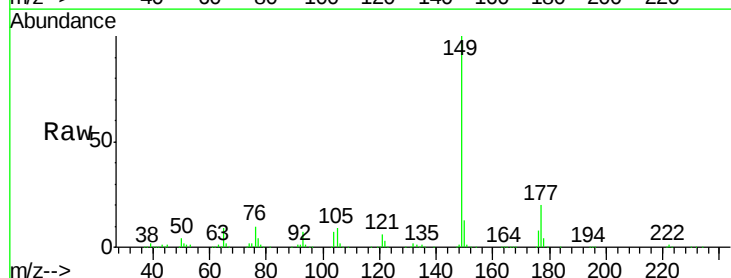
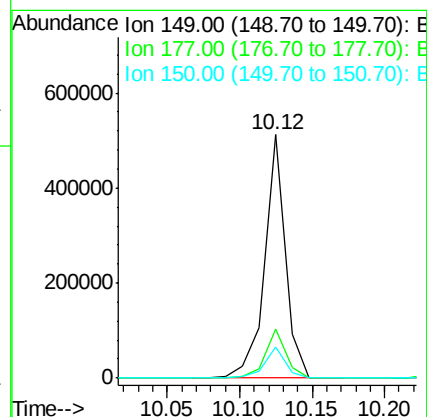
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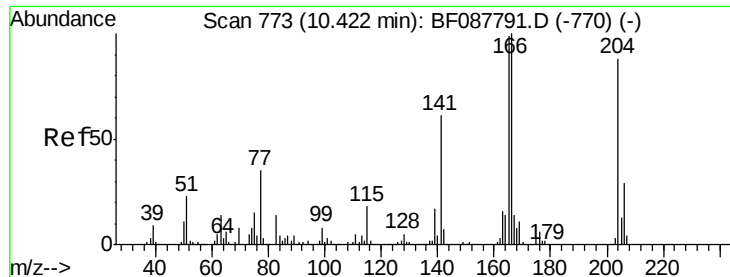
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#59
Diethylphthalate
Concen: 41.67 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.1	16.9	25.3
150	12.6	10.1	15.1





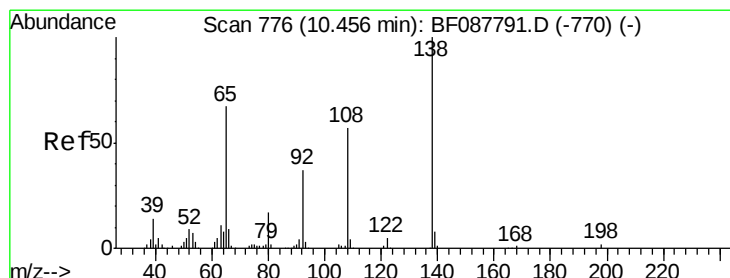
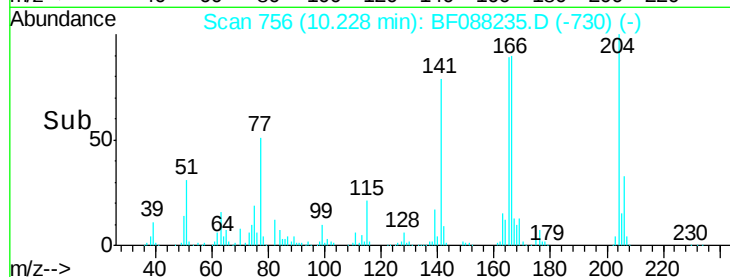
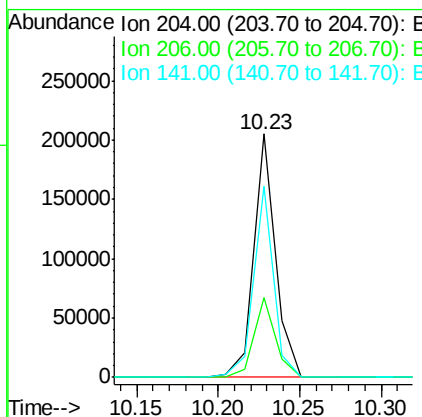
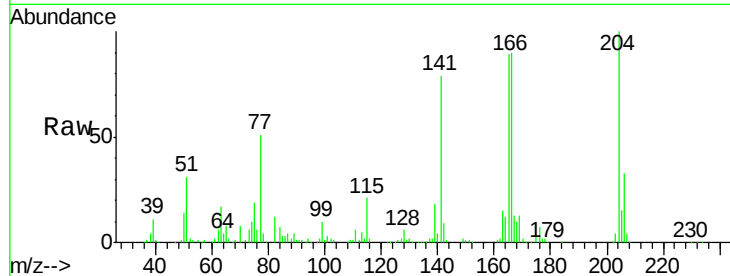
#60
4-Chlorophenyl-phenylether
Concen: 38.70 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampled :
PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	33.0	26.3	39.5
141	78.8	55.0	82.6

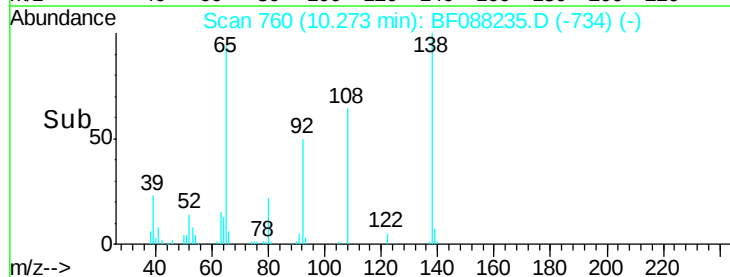
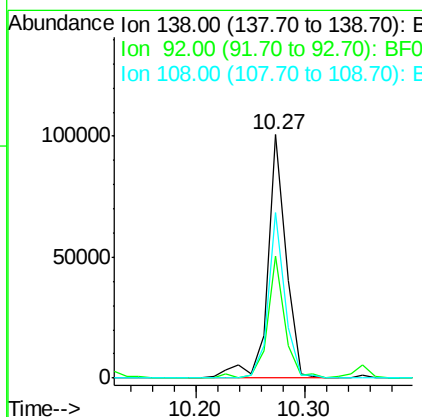
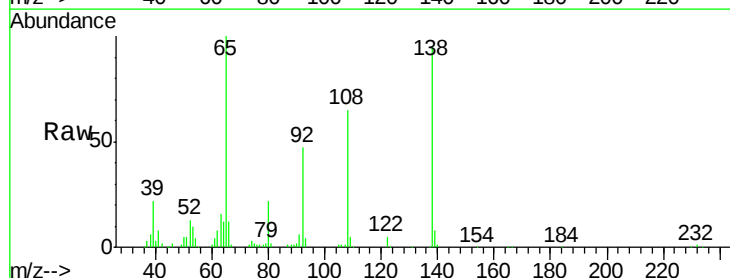
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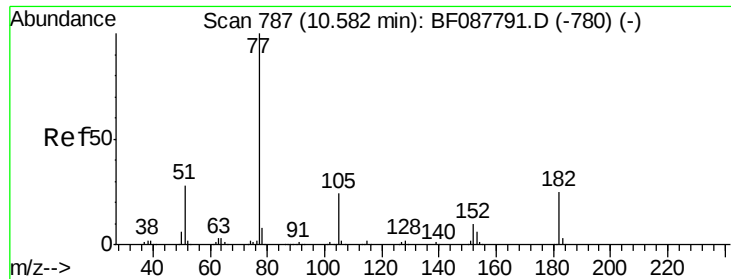
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#61
4-Nitroaniline
Concen: 39.15 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	49.9	27.3	67.3
108	68.2	46.7	86.7





#62

Azobenzene

Concen: 41.05 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

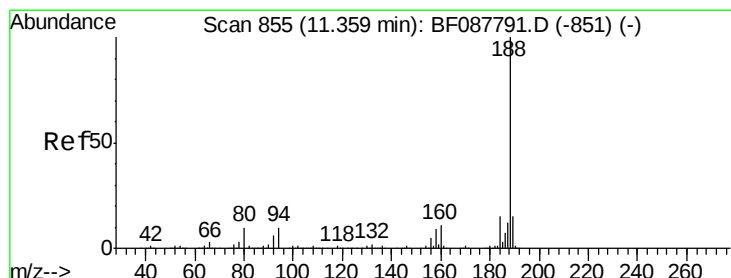
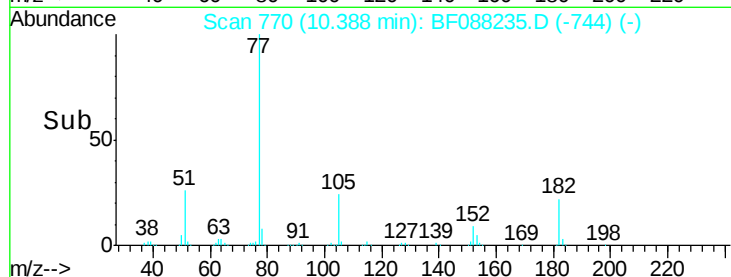
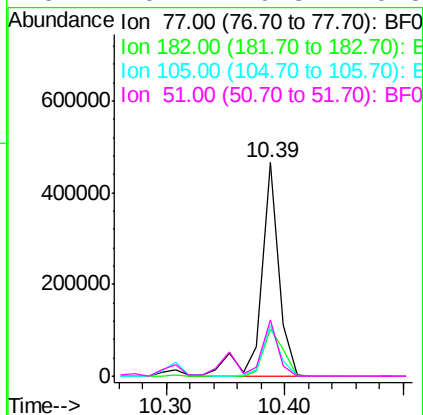
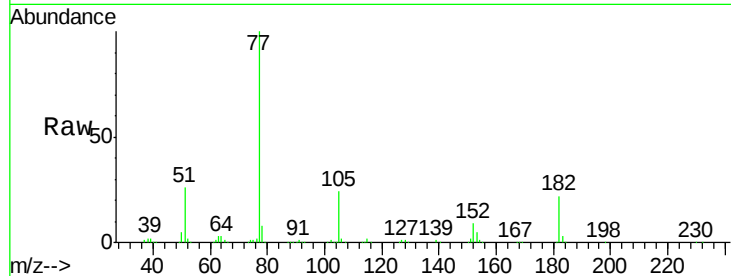
ClientSampleId :

PB91389BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		495816		
182	22.0	4.4	44.4		
105	23.7	3.8	43.8		
51	26.4	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

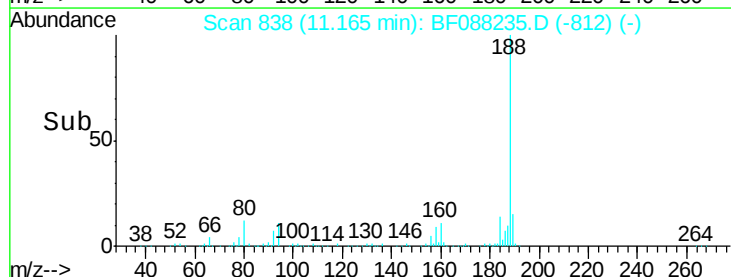
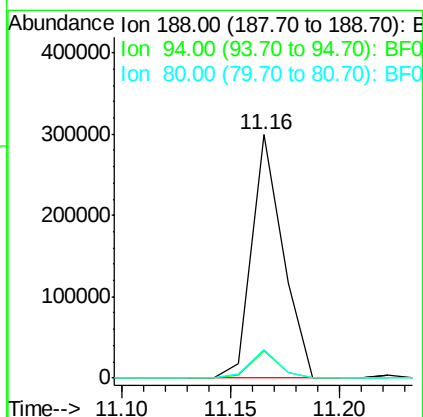
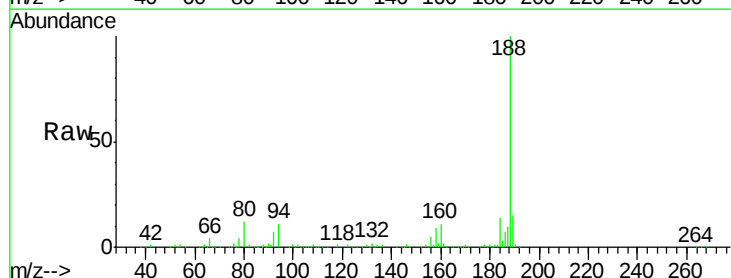
RT: 11.16 min Scan# 838

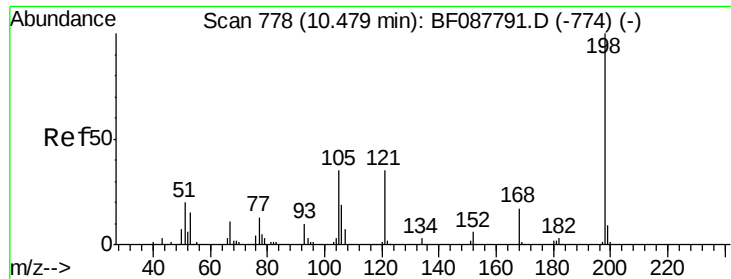
Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		298487		
94	11.4	9.0	13.6		
80	12.0	10.0	15.0		





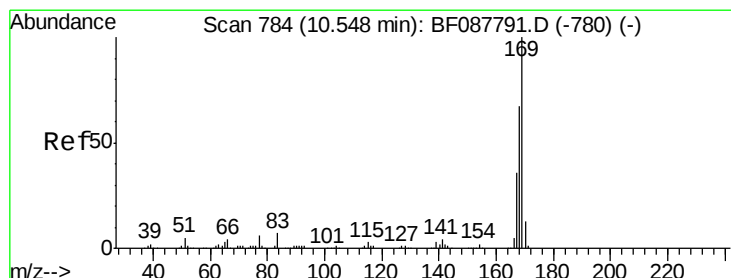
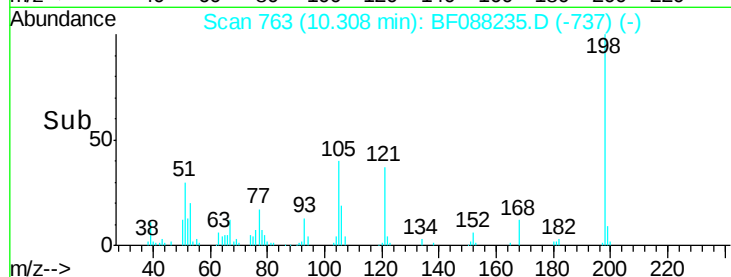
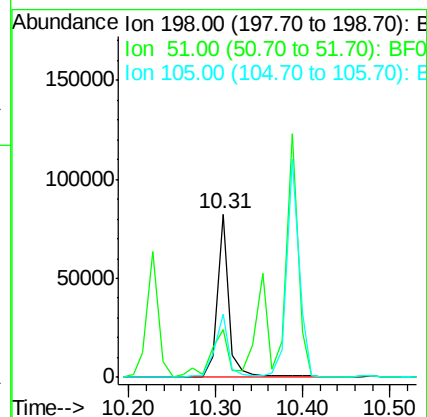
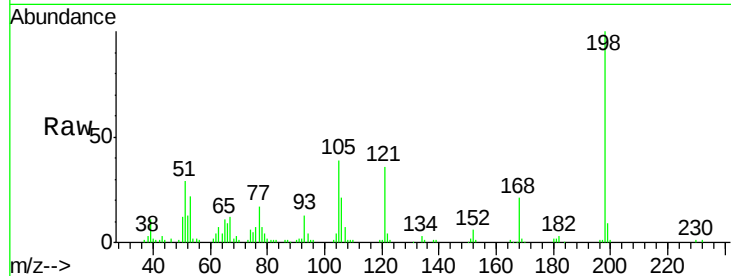
#64
4,6-Dinitro-2-methylphenol
Concen: 42.46 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	78644		
51	29.2	39.6	79.6#	
105	38.9	36.6	76.6	

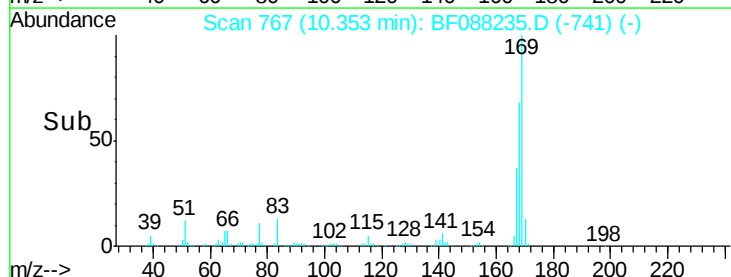
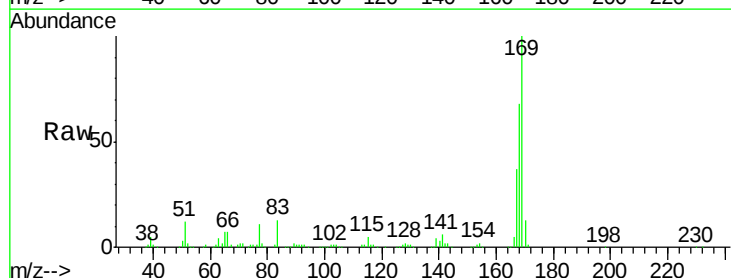
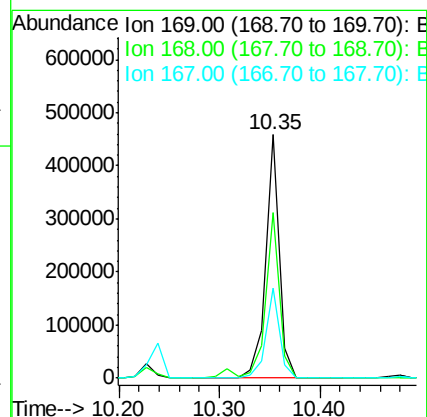
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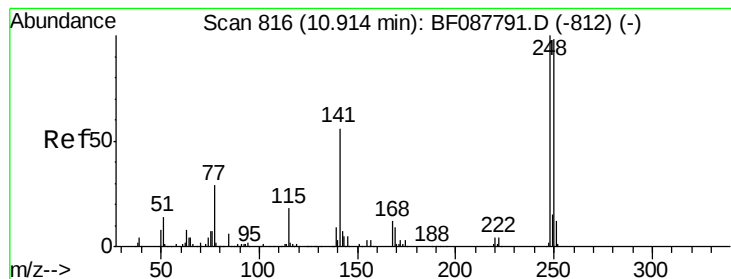
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#65
n-Nitrosodiphenylamine
Concen: 43.32 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	429101		
168	68.0	53.4	80.0	
167	37.1	29.4	44.0	





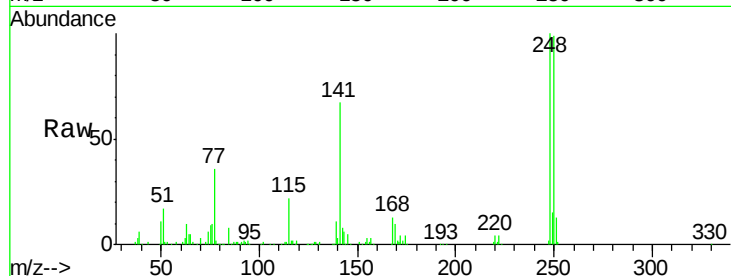
#66
 4-Bromophenyl-phenylether
 Concen: 42.24 ng
 RT: 10.72 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

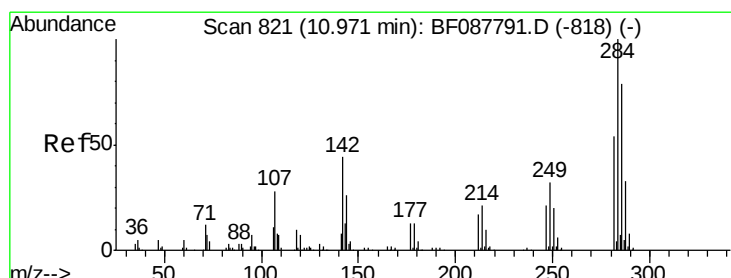
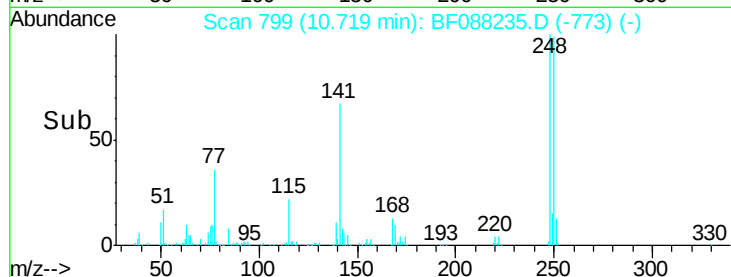
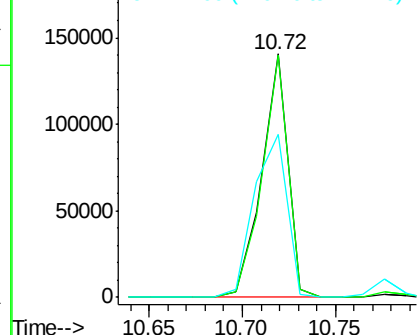
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	77.1	115.7
141	66.8	50.6	76.0

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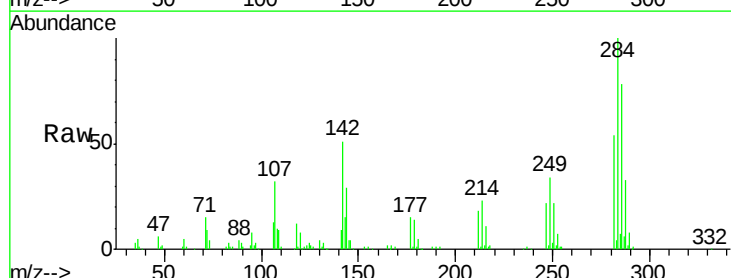


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

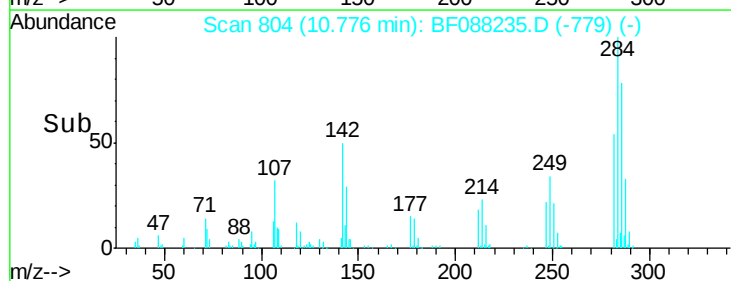
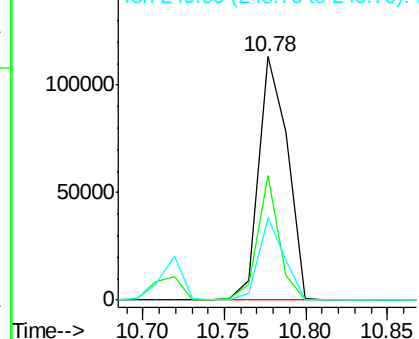


#67
 Hexachlorobenzene
 Concen: 41.68 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.1	35.8	53.8
249	34.0	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: 45.99 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

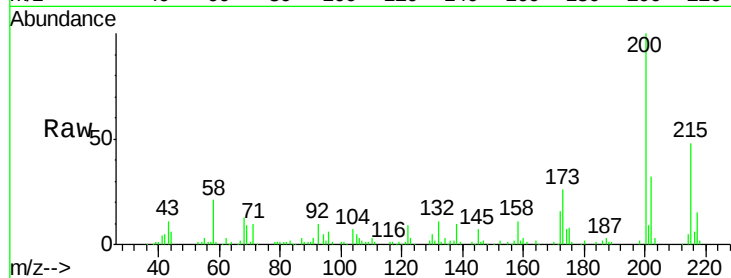
ClientSampleId :

PB91389BS

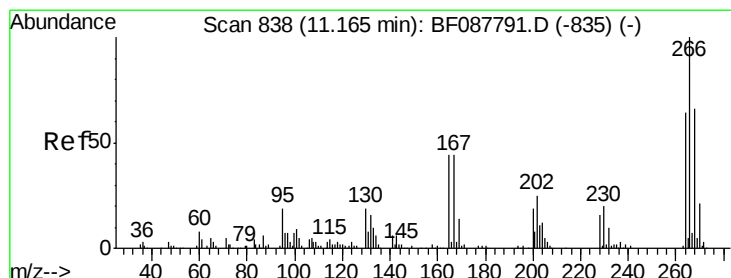
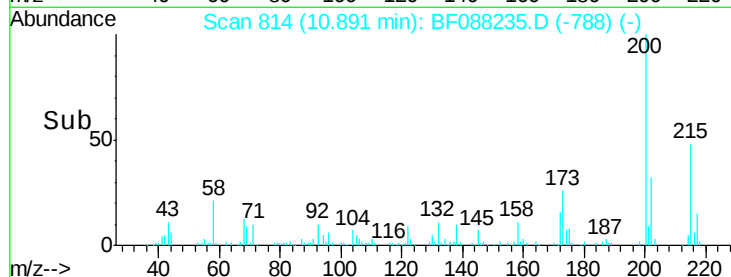
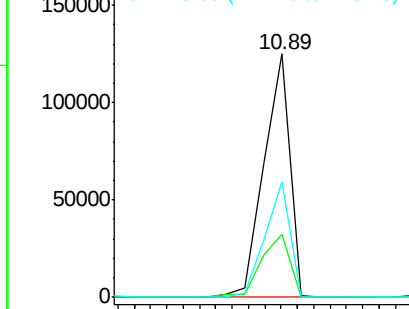
Tot Ion:	200	Resp:	137945
Ion Ratio	Lower	Upper	
200	100		
173	25.8	4.0	44.0
215	47.5	29.3	69.3

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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: 61.41 ng

RT: 10.98 min Scan# 822

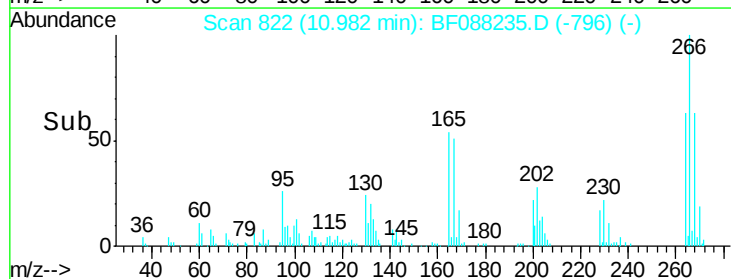
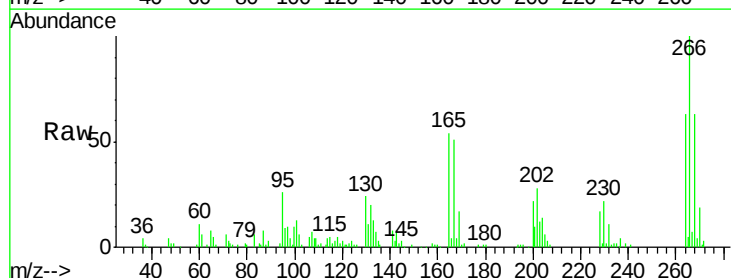
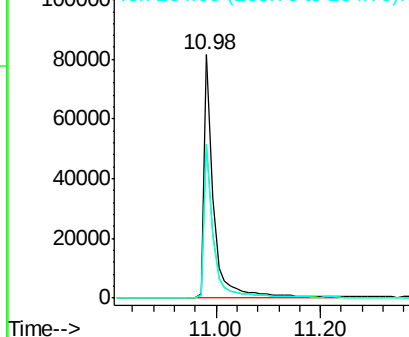
Delta R.T. 0.00 min

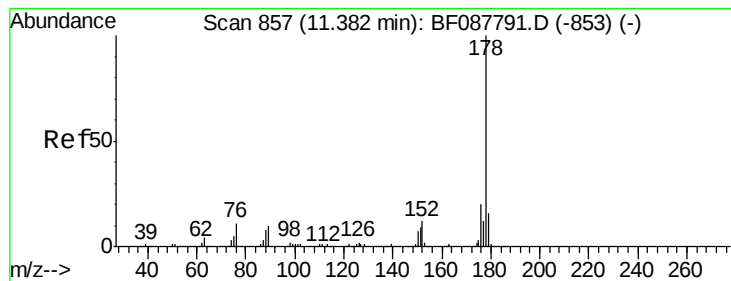
Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:	266	Resp:	107710
Ion Ratio	Lower	Upper	
266	100		
268	63.1	52.8	79.2
264	63.2	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: 43.18 ng

RT: 11.19 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

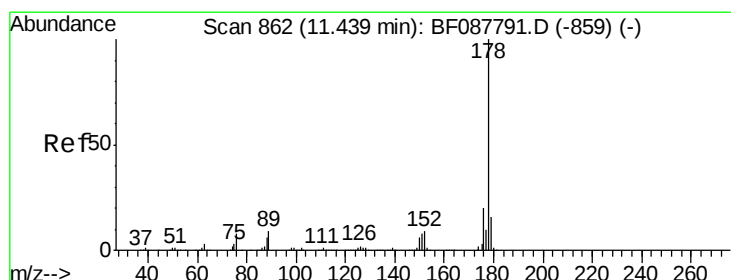
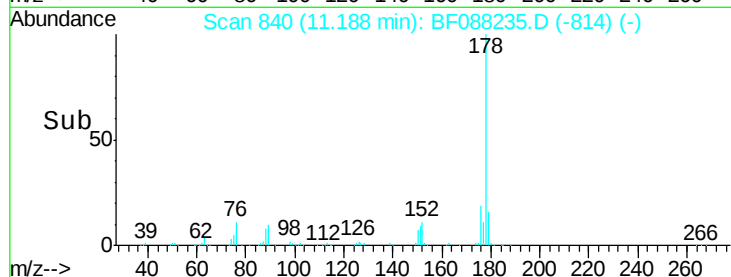
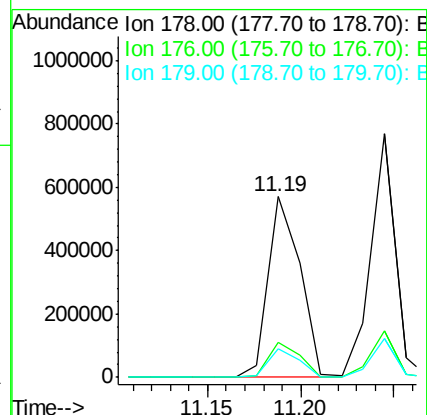
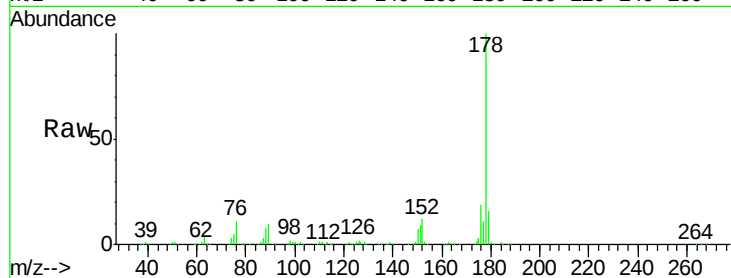
ClientSampled :

PB91389BS

Tot Ion:178	Resp:	676294
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.6
179	15.7	13.0 19.4

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#71

Anthracene

Concen: 43.82 ng

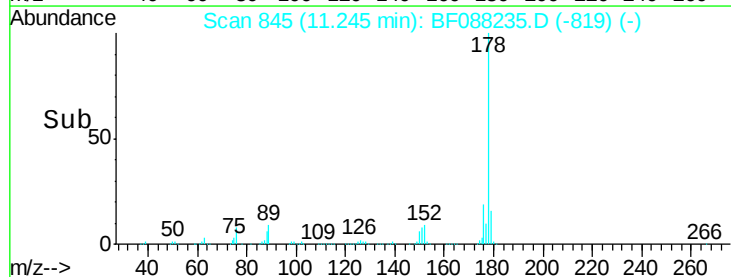
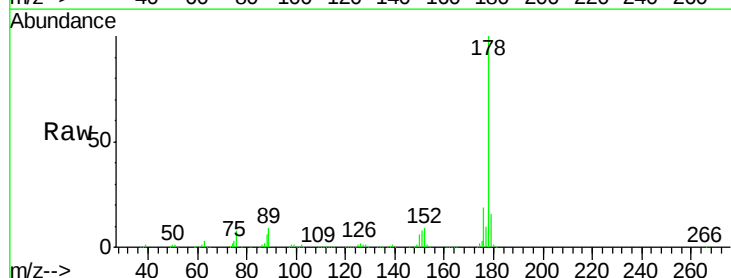
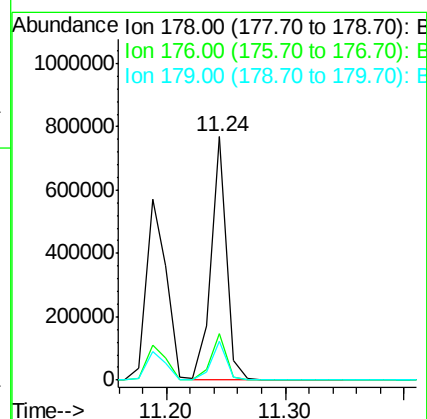
RT: 11.24 min Scan# 845

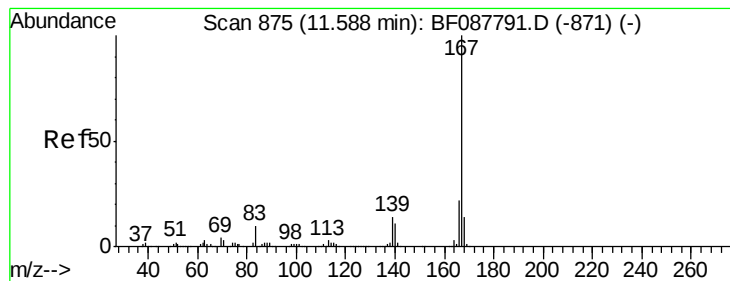
Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:178	Resp:	692357
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.6 23.4
179	15.8	12.8 19.2





#72

Carbazole

Concen: 45.49 ng

RT: 11.40 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

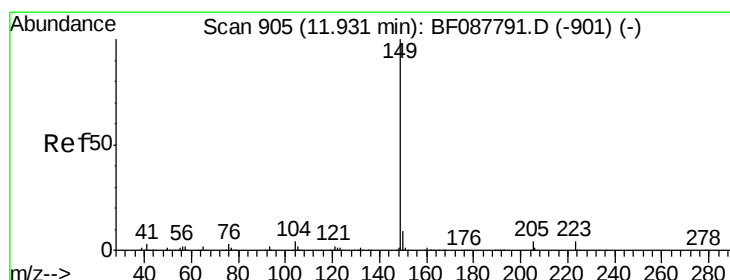
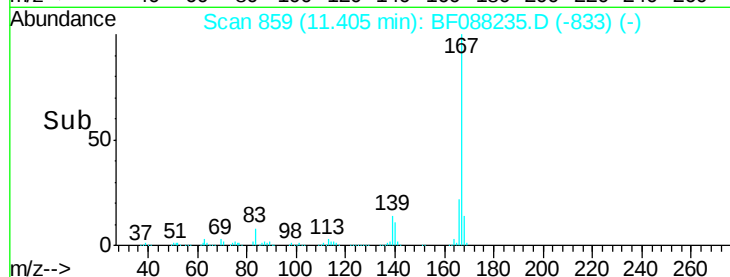
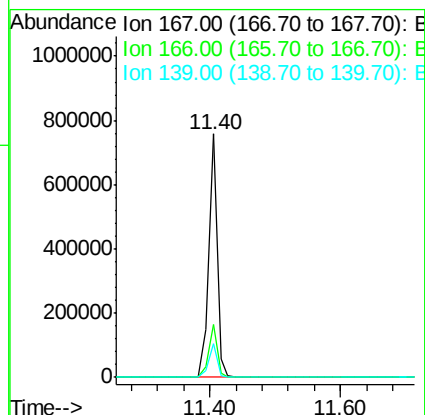
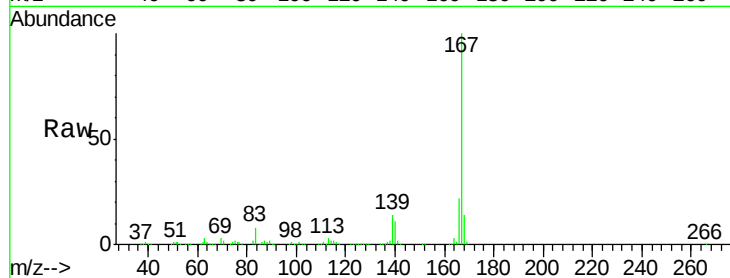
ClientSampleId :

PB91389BS

Tot Ion:	167	Resp:	672585
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.8	26.6
139	13.8	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 41.12 ng

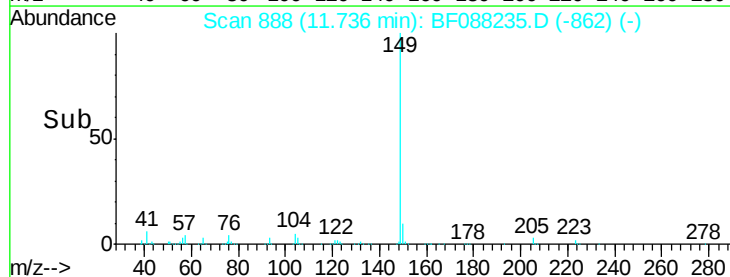
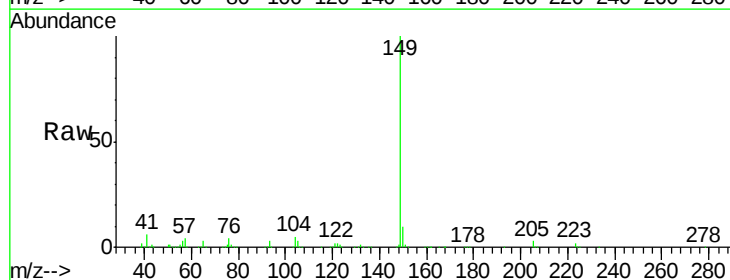
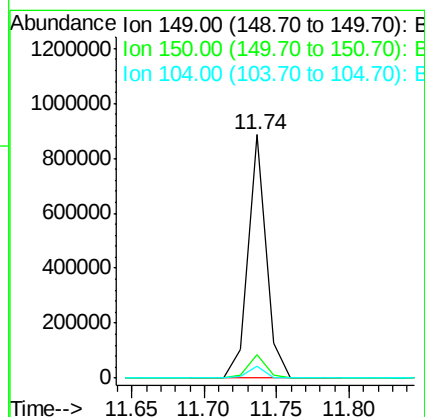
RT: 11.74 min Scan# 888

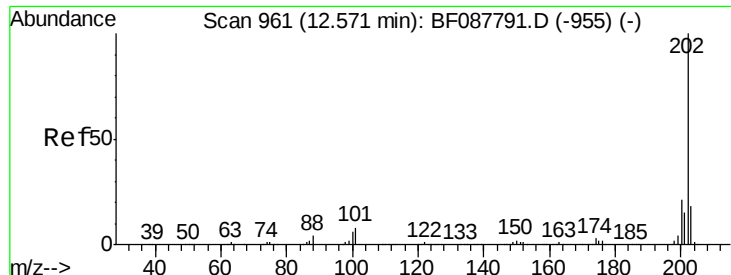
Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:	149	Resp:	769589
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.8	4.0	6.0





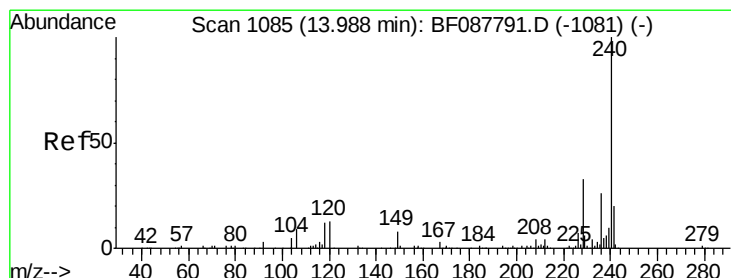
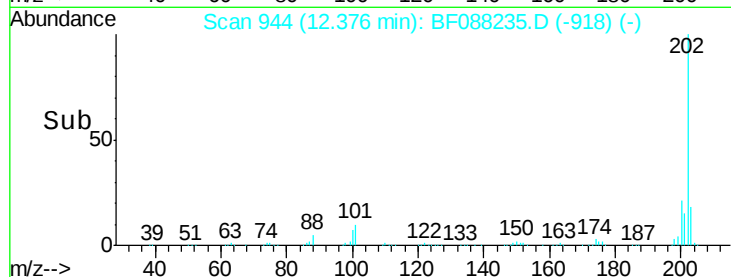
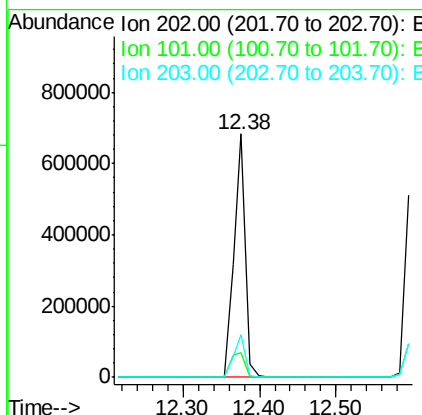
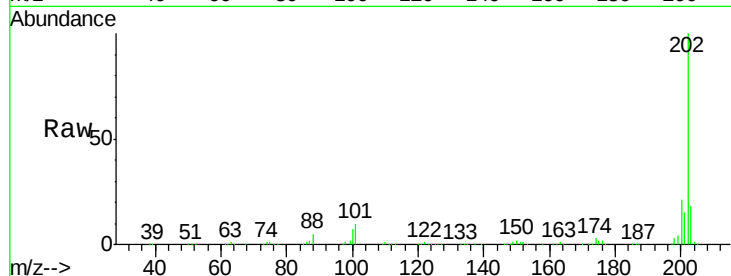
#74
Fluoranthene
 Concen: 43.57 ng
 RT: 12.38 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	33.1
203	17.7	0.0	38.1

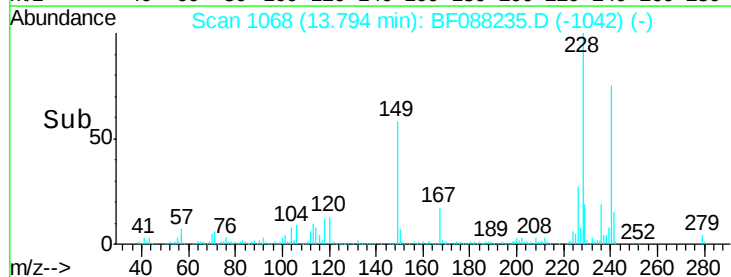
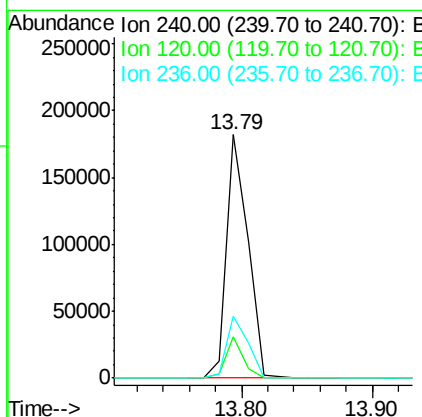
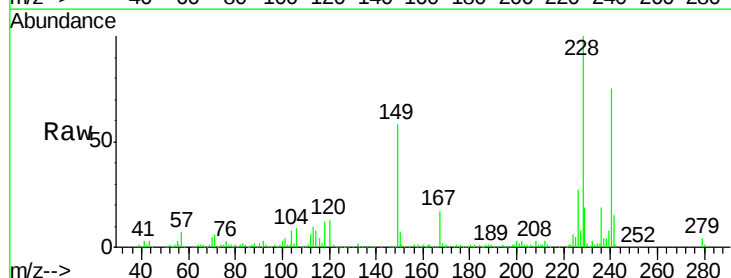
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.0	6.8	10.2#
236	25.6	20.2	30.2





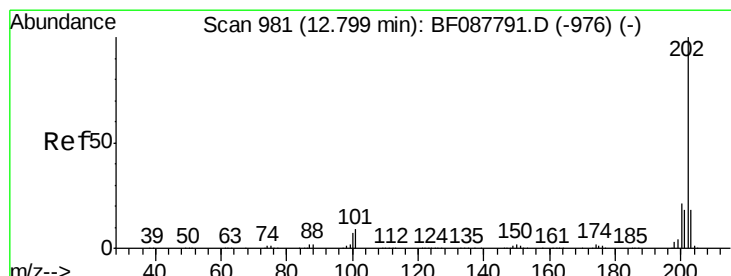
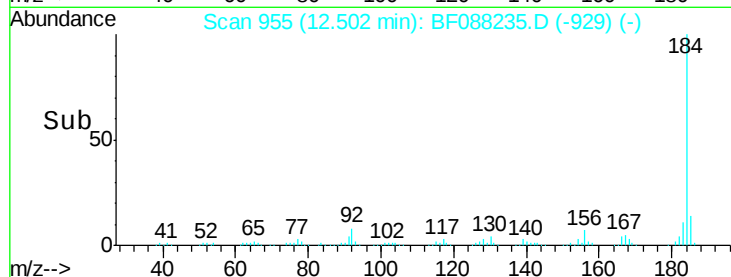
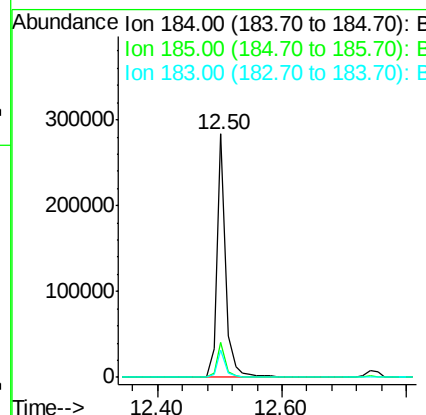
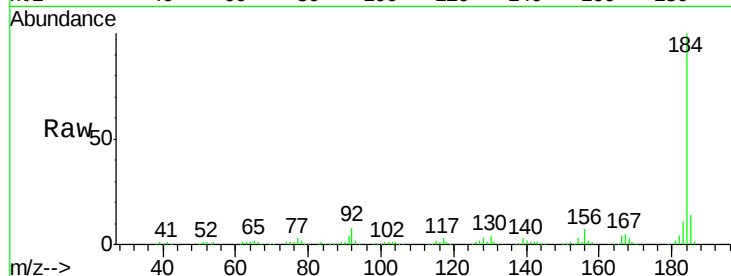
#76
Benzidine
Concen: 47.42 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	12.5	18.7	
183	11.5	9.3	13.9	

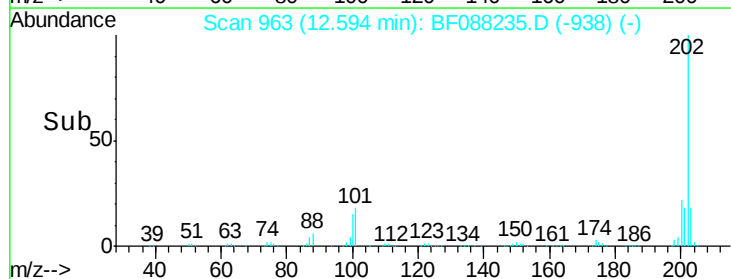
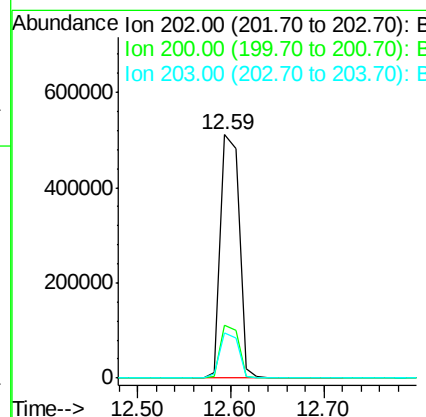
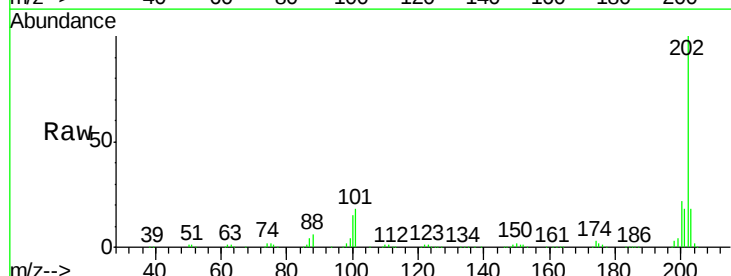
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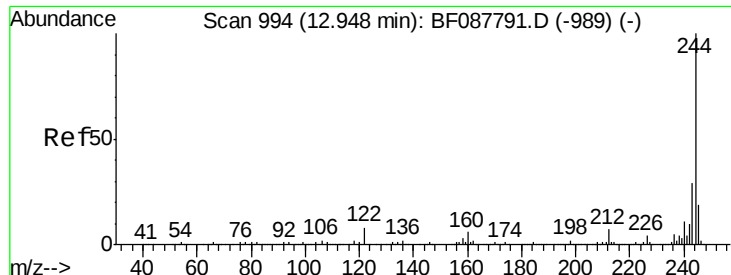
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#77
Pyrene
Concen: 46.20 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	17.4	26.2	
203	18.4	14.5	21.7	





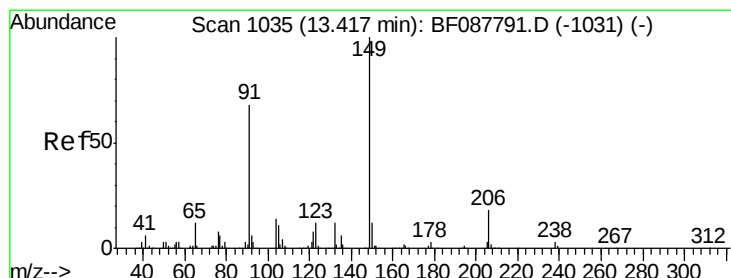
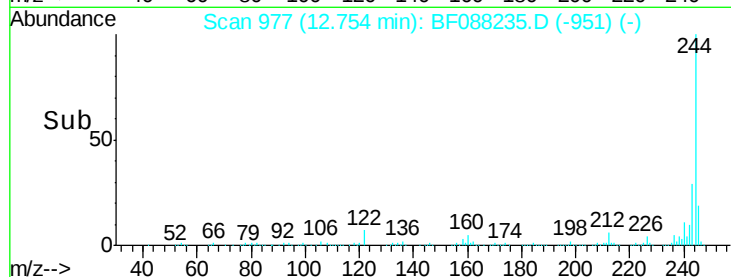
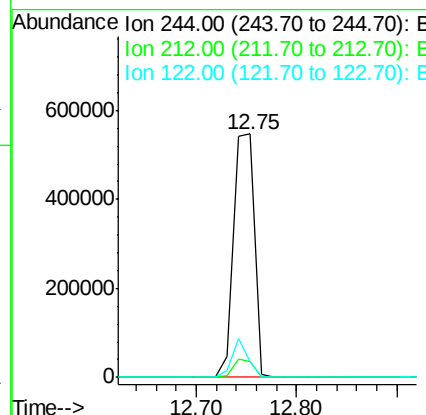
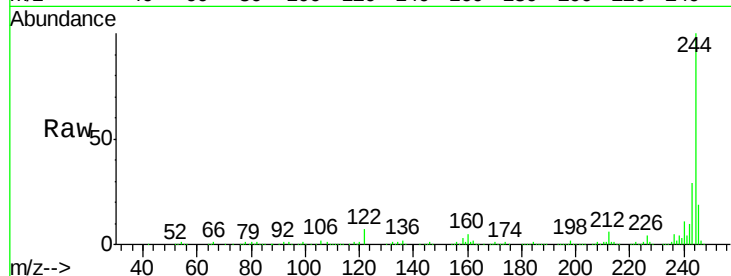
#78
 Terphenyl-d14
 Concen: 86.80 ng
 RT: 12.75 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Instrument :
 BNA_F
 ClientSampleId :
 PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	6.0	9.0
122	6.7	11.2	16.8#

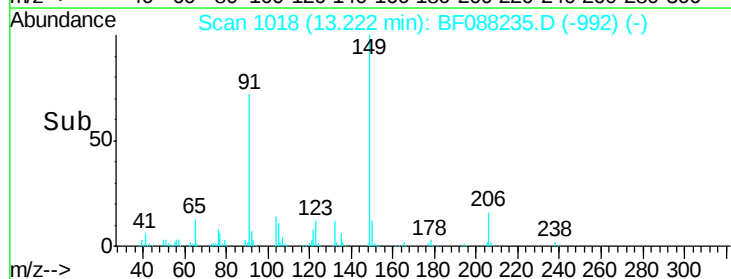
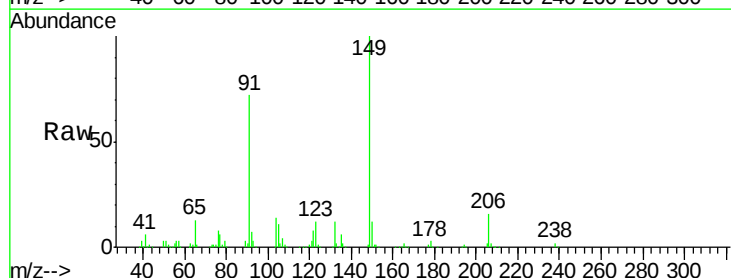
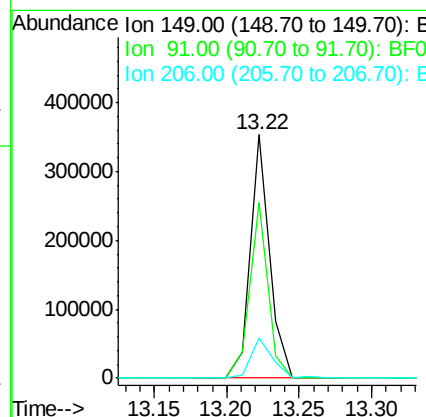
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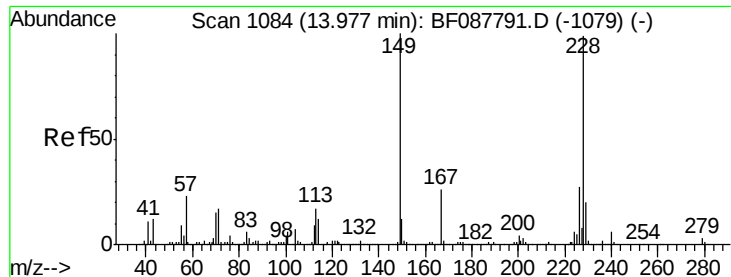
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#79
 Butylbenzylphthalate
 Concen: 48.11 ng
 RT: 13.22 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF088235.D
 Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	72.0	48.0	72.0
206	16.3	16.0	24.0





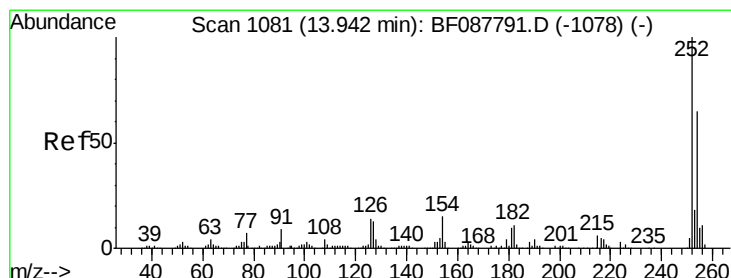
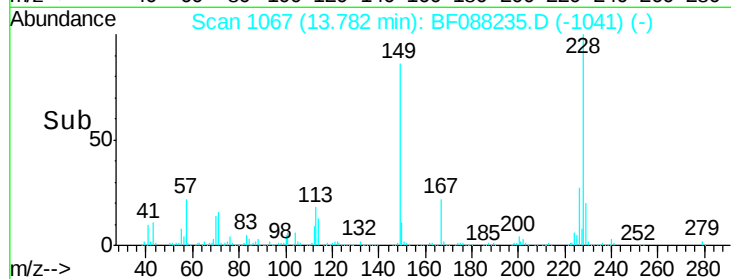
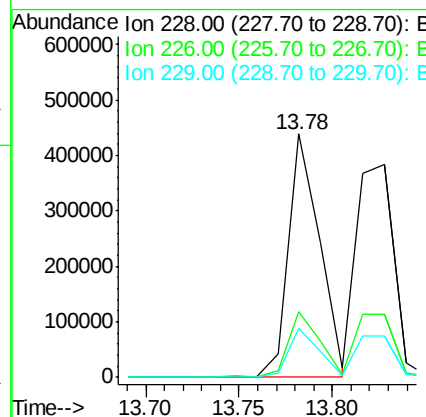
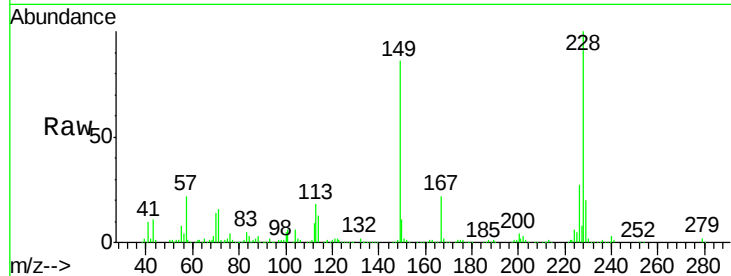
#80
Benzo(a)anthracene
Concen: 43.20 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	509074		
226	27.2		22.3	33.5
229	20.1		16.0	24.0

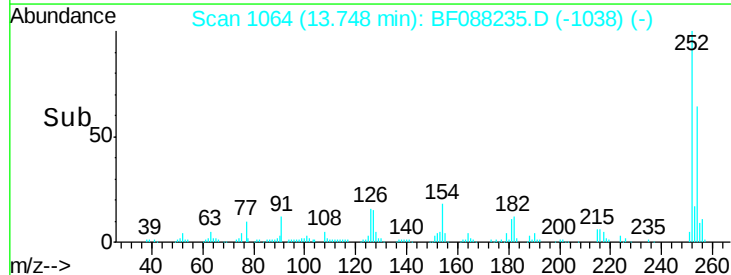
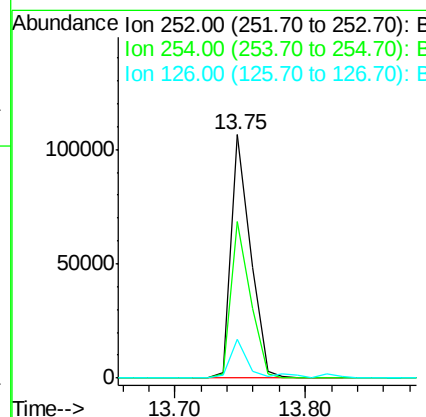
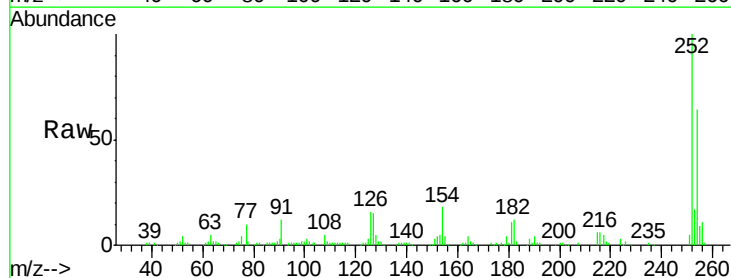
Manual Integrations
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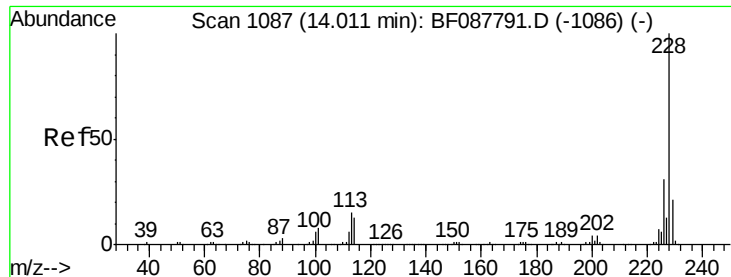
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#81
3,3'-Dichlorobenzidine
Concen: 34.96 ng
RT: 13.75 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	110777		
254	64.1		52.6	78.8
126	16.0		6.2	9.2#





#82

Chrysene

Concen: 49.08 ng

RT: 13.83 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Instrument :

BNA_F

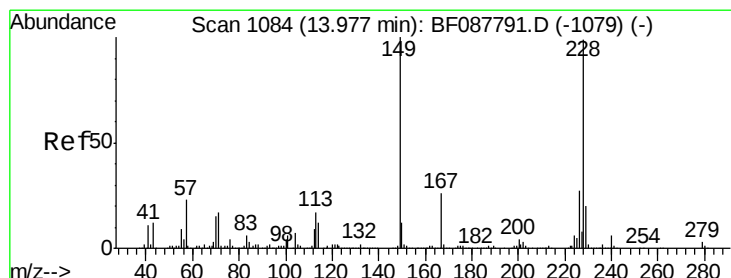
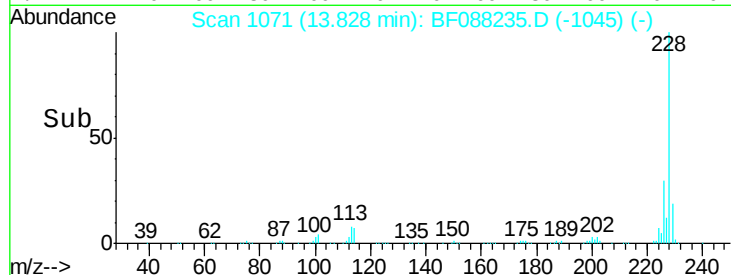
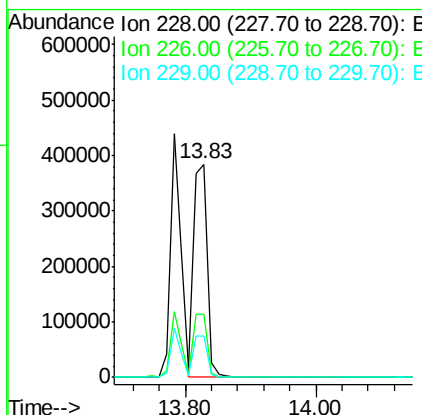
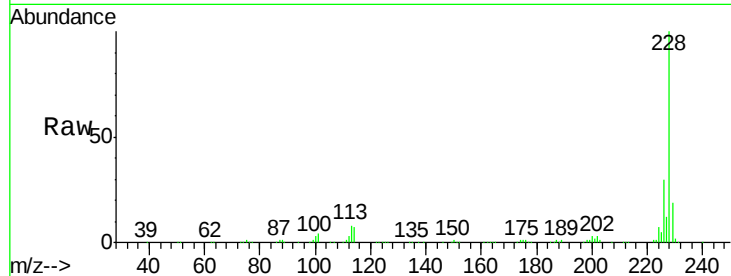
ClientSampled :

PB91389BS

Tot Ion:	228	Resp:	544116
Ion Ratio	Lower	Upper	
228	100		
226	29.8	25.4	38.2
229	19.4	16.3	24.5

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 46.67 ng

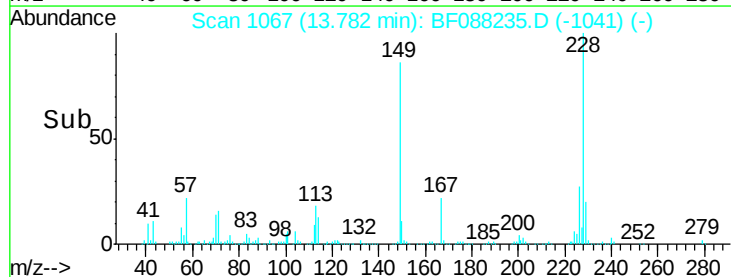
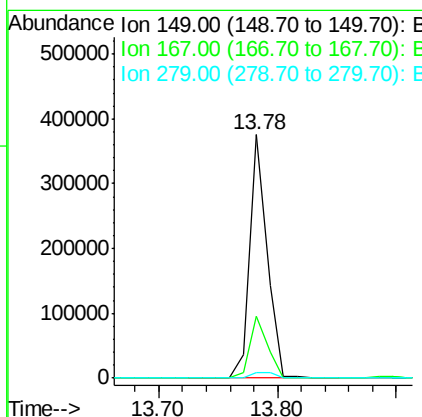
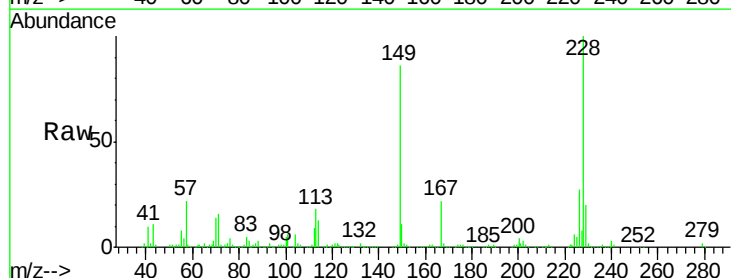
RT: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF088235.D

Acq: 22 Jun 2016 2:05

Tgt Ion:	149	Resp:	385446
Ion Ratio	Lower	Upper	
149	100		
167	25.1	20.5	30.7
279	2.4	2.0	3.0





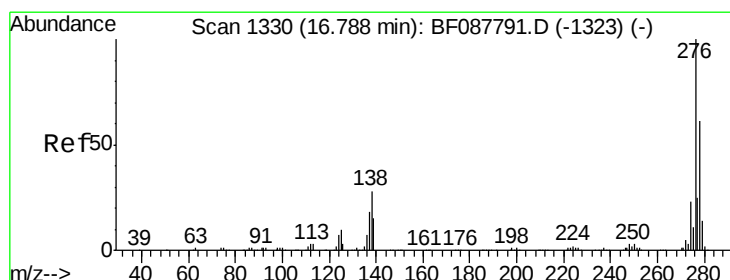
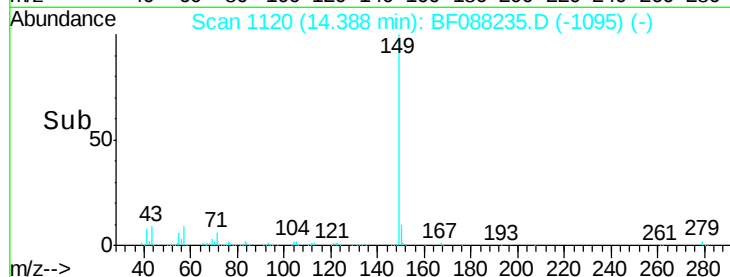
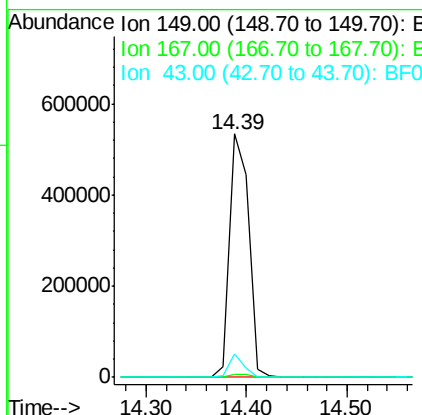
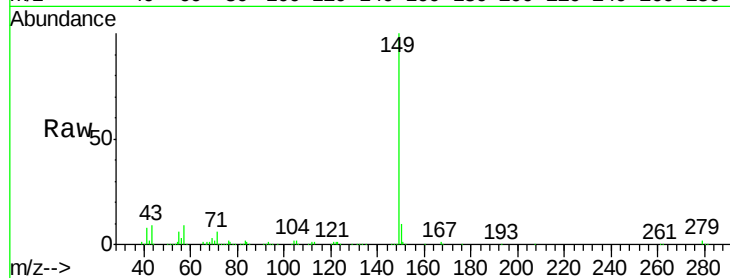
#84
Di-n-octyl phthalate
Concen: 52.33 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	7.4	0.0	0.0#

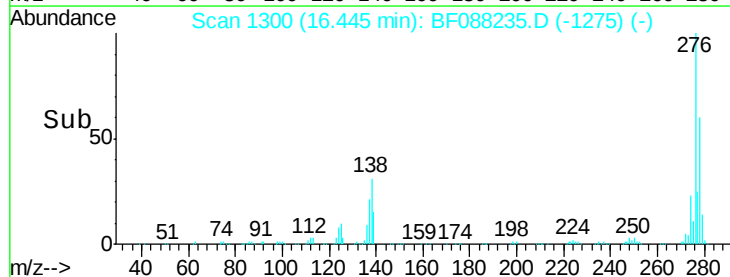
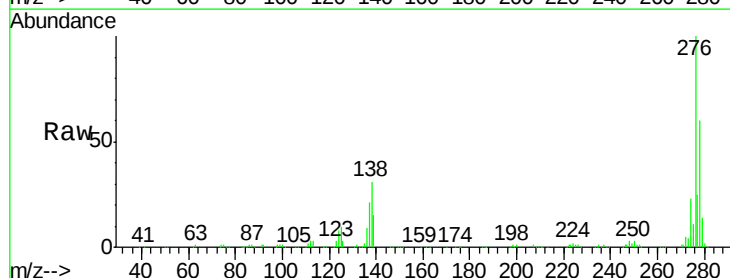
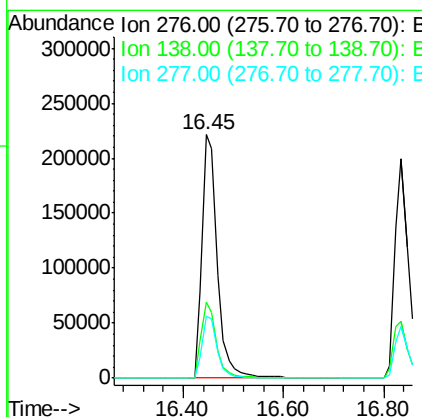
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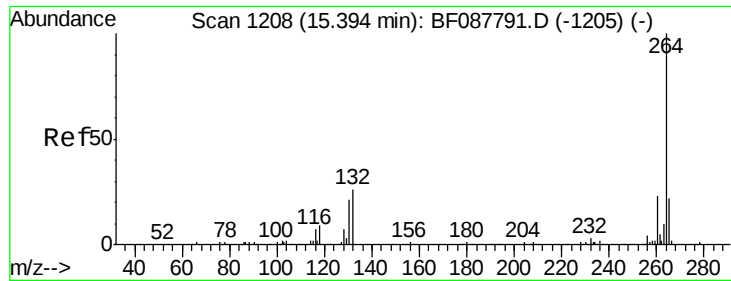
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#85
Indeno(1,2,3-cd)pyrene
Concen: 45.56 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	30.9	0.0	0.0#
277	25.1	0.0	0.0#





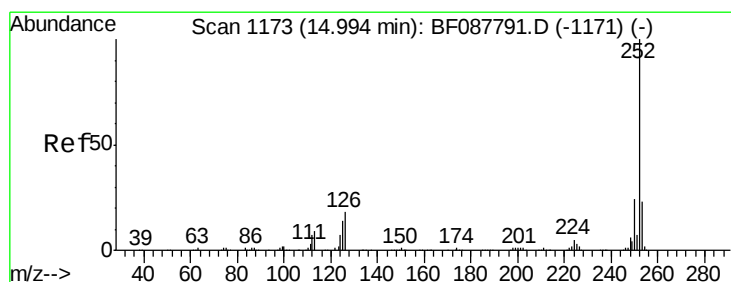
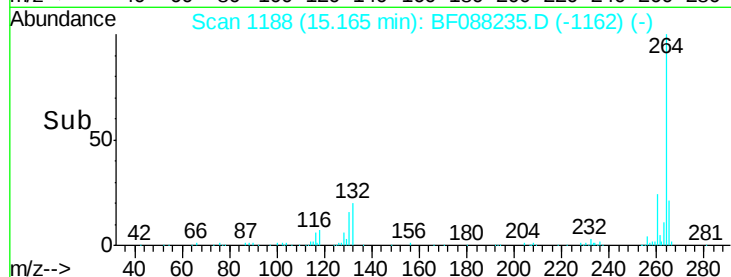
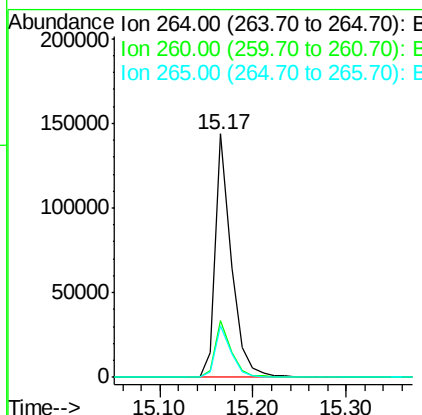
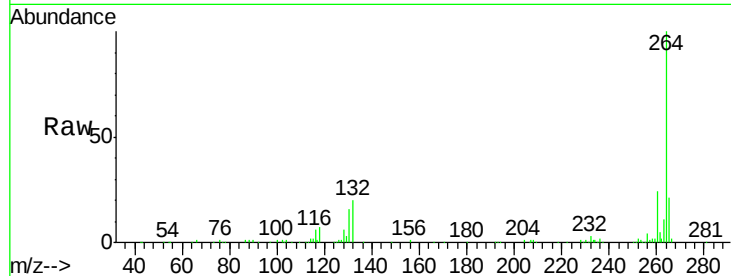
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	16.9	25.3

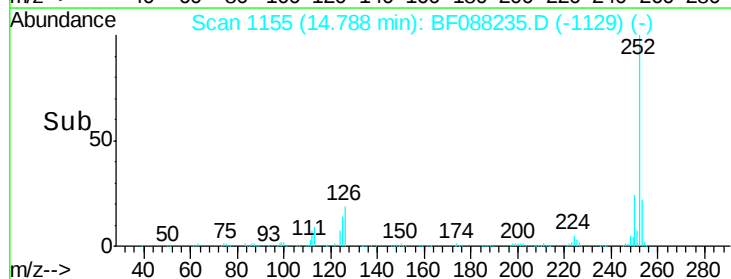
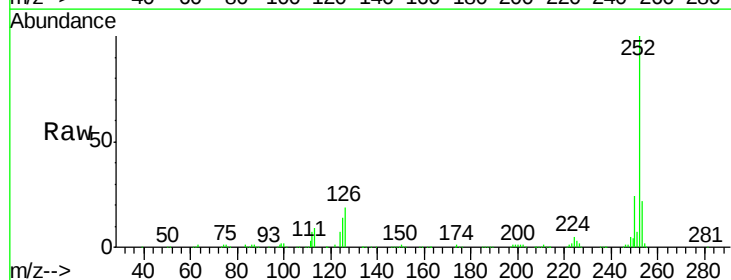
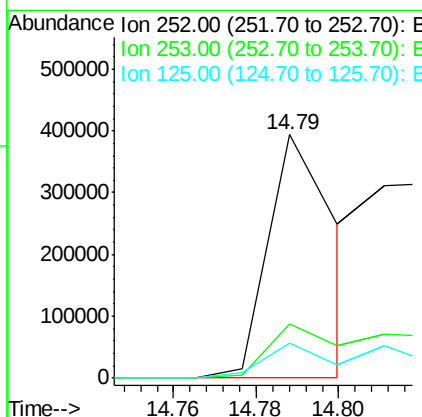
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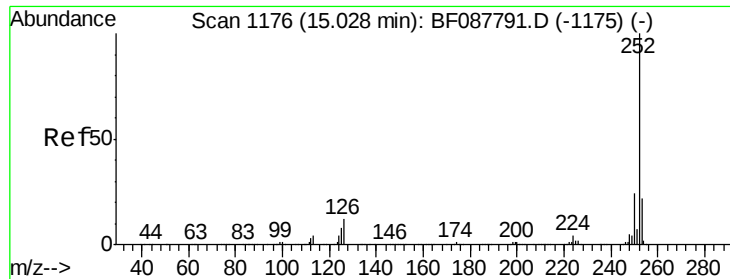
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#87
Benzo(b)fluoranthene
Concen: 37.47 ng m
RT: 14.79 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	14.3	7.1	10.7#





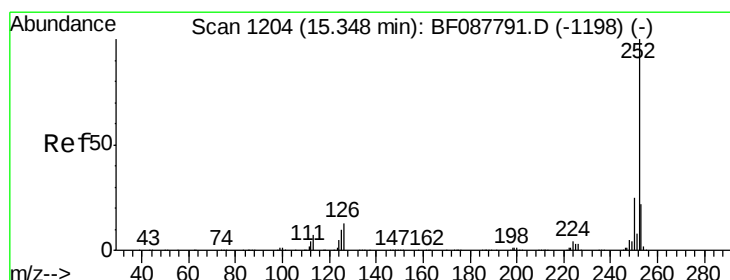
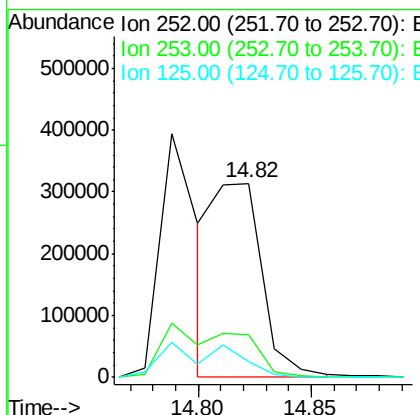
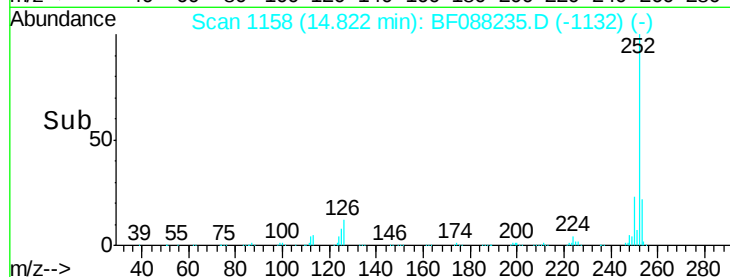
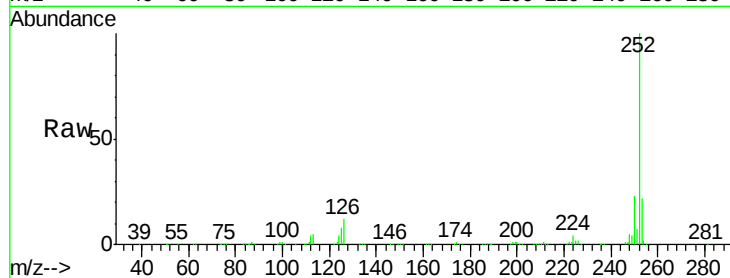
#88
Benzo(k)fluoranthene
Concen: 52.05 ng m
RT: 14.82 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampled :
PB91389BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	8.1	11.2	16.8

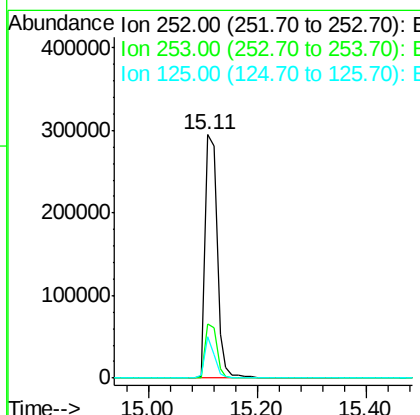
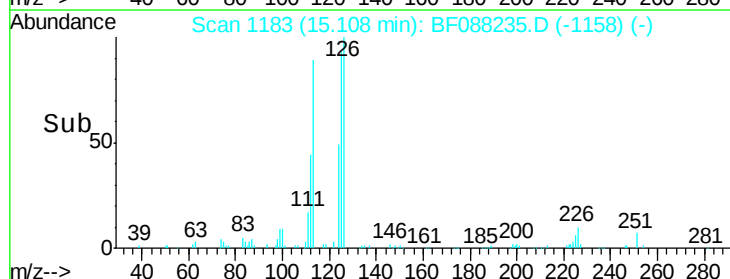
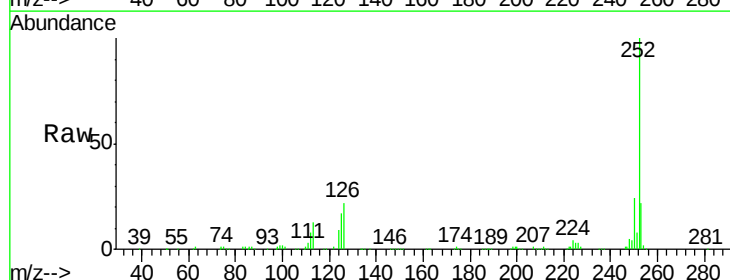
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#89
Benzo(a)pyrene
Concen: 46.62 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	16.9	12.5	18.7





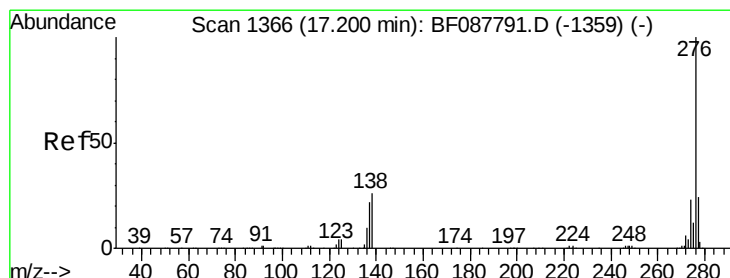
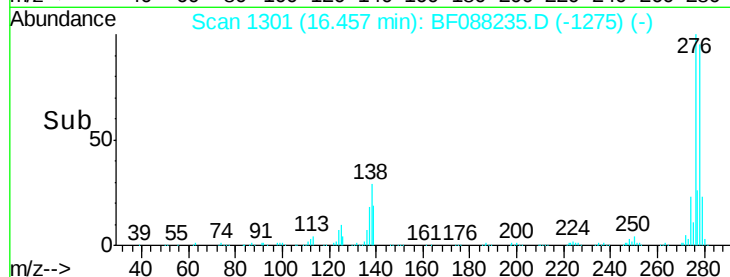
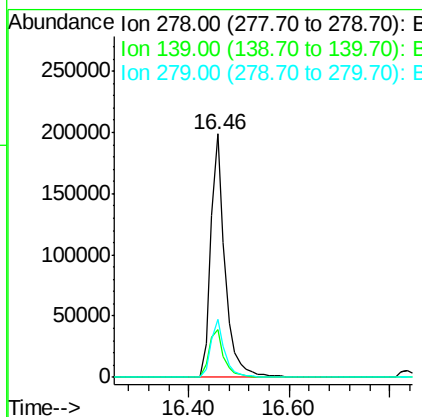
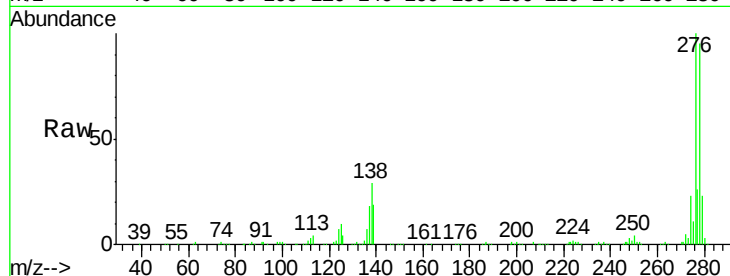
#90
Dibenzo(a,h)anthracene
Concen: 43.05 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Instrument :
BNA_F
ClientSampleId :
PB91389BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.7	23.5
279	23.8	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 43.90 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF088235.D
Acq: 22 Jun 2016 2:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.8	21.4	32.2

