

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087963.D
 Acq On : 12 Jun 2016 22:27
 Operator : UM/SJ
 Sample : H3473-01MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Manual Integrations
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 6/13/2016 7:51:22 PM

Quant Time: Jun 13 06:41:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 05:09:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116520	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	490331	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	236975	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	437067	20.00	ng	0.00
75) Chrysene-d12	13.97	240	252350	20.00	ng	0.00
86) Perylene-d12	15.37	264	242931	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	750245	110.07	ng	0.03
7) Phenol-d6	6.44	99	1003389	121.47	ng	0.00
23) Nitrobenzene-d5	7.37	82	641062	76.34	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	261814	104.63	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1280490	84.88	ng	0.00
78) Terphenyl-d14	12.91	244	1019843	91.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	114284	34.51	ng	# 87
3) Pyridine	3.22	79	236447	30.24	ng	95
4) n-Nitrosodimethylamine	3.15	42	142776	43.11	ng	87
6) Aniline	6.47	93	90412	7.69	ng	# 1
8) 2-Chlorophenol	6.59	128	371799	46.09	ng	87
10) Phenol	6.47	94	341166	39.71	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	338894	46.79	ng	88
12) 1,3-Dichlorobenzene	6.74	146	342752	39.60	ng	98
13) 1,4-Dichlorobenzene	6.82	146	376254	43.15	ng	98
14) 1,2-Dichlorobenzene	6.97	146	314940m	39.72	ng	
15) Benzyl Alcohol	6.95	79	256197	39.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	432092	44.16	ng	87
17) 2-Methylphenol	7.07	107	303537	46.40	ng	98
18) Hexachloroethane	7.31	117	127495	41.21	ng	# 86
19) n-Nitroso-di-n-propylamine	7.23	70	251709	47.63	ng	# 86
20) 3+4-Methylphenols	7.22	107	337754	44.25	ng	# 76
22) Acetophenone	7.22	105	466325	42.56	ng	# 92
24) Nitrobenzene	7.39	77	392288	48.23	ng	95
25) Isophorone	7.63	82	673474	43.30	ng	100
26) 2-Nitrophenol	7.71	139	206753	47.45	ng	# 72
27) 2,4-Dimethylphenol	7.76	122	362091	45.14	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	455659	47.23	ng	98
29) 2,4-Dichlorophenol	7.95	162	316373	47.23	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	303519	41.62	ng	100
31) Naphthalene	8.11	128	1088339	44.85	ng	100
32) Benzoic acid	7.90	122	253340	57.35	ng	93
33) 4-Chloroaniline	8.17	127	34108	3.15	ng	98
34) Hexachlorobutadiene	8.24	225	157710	41.00	ng	99
35) Caprolactam	8.55	113	94354m	42.53	ng	
36) 4-Chloro-3-methylphenol	8.66	107	338790	47.30	ng	97
37) 2-Methylnaphthalene	8.81	142	732239	45.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	262641	41.47	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	248933	65.12	ng	100
42) 2,4,6-Trichlorophenol	9.08	196	212282	44.79	ng	97

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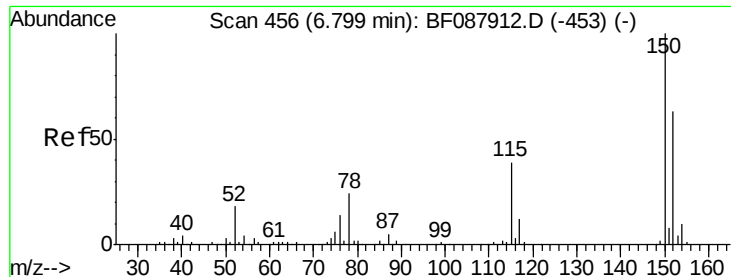
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	220995	44.82	nq	# 93
45) 1,1'-Biphenyl	9.27	154	767511	42.85	nq	100
46) 2-Chloronaphthalene	9.29	162	626154	40.83	nq	100
47) 2-Nitroaniline	9.39	65	208070	46.00	nq	# 85
48) Acenaphthylene	9.71	152	1076863	44.15	nq	99
49) Dimethylphthalate	9.58	163	724195	42.19	nq	99
50) 2,6-Dinitrotoluene	9.63	165	173695	44.18	nq	# 63
51) Acenaphthene	9.88	154	745270	48.98	nq	100
52) 3-Nitroaniline	9.79	138	35996	7.94	nq	99
53) 2,4-Dinitrophenol	9.91	184	172755	80.14	nq	98
54) Dibenzofuran	10.06	168	978730	46.70	nq	96
55) 4-Nitrophenol	9.98	139	265407	75.38	nq	87
56) 2,4-Dinitrotoluene	10.04	165	257403	50.95	nq	95
57) Fluorene	10.40	166	684115	48.71	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	176823	45.64	nq	# 52
59) Diethylphthalate	10.27	149	748586	43.08	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	288981	41.47	nq	99
61) 4-Nitroaniline	10.42	138	156778	36.44	nq	89
62) Azobenzene	10.55	77	781273	45.47	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	124734	45.82	nq	85
65) n-Nitrosodiphenylamine	10.51	169	572591	39.48	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	212499	45.32	nq	98
67) Hexachlorobenzene	10.94	284	194764	39.98	nq	97
68) Atrazine	11.04	200	100656	22.92	nq	99
69) Pentachlorophenol	11.13	266	226537	88.21	nq	97
70) Phenanthrene	11.35	178	957355	41.74	nq	99
71) Anthracene	11.40	178	1041951	45.04	nq	100
72) Carbazole	11.55	167	843041	38.94	nq	100
73) Di-n-butylphthalate	11.90	149	1182925	43.16	nq	100
74) Fluoranthene	12.54	202	1013548	41.88	nq	99
77) Pyrene	12.77	202	1051464	56.15	nq	99
79) Butylbenzylphthalate	13.39	149	516139	62.34	nq	93
80) Benzo(a)anthracene	13.95	228	701670	48.79	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	25405	6.57	nq	# 93
82) Chrysene	13.99	228	768914	56.83	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	578077	57.36	nq	# 97
84) Di-n-octyl phthalate	14.56	149	971727	59.34	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	679565	54.06	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	695099	41.05	nq	# 96
88) Benzo(k)fluoranthene	14.99	252	652042m	51.05	nq	
89) Benzo(a)pyrene	15.31	252	623739	45.53	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	567228	44.58	nq	98
91) Benzo(g,h,i)perylene	17.15	276	533155	40.74	nq	97

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



#1

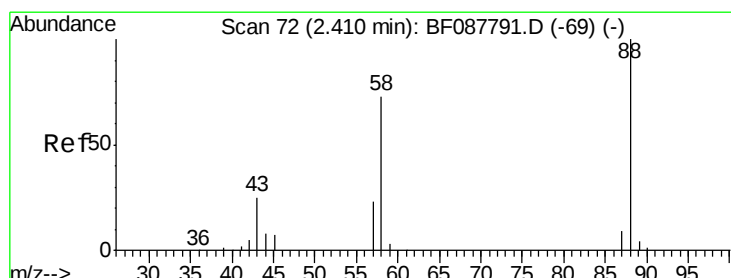
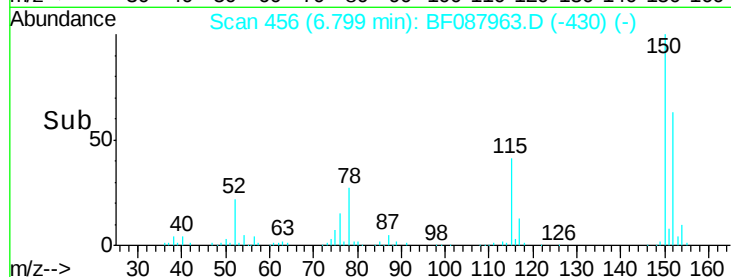
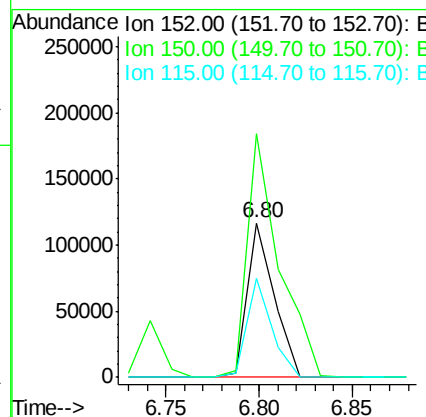
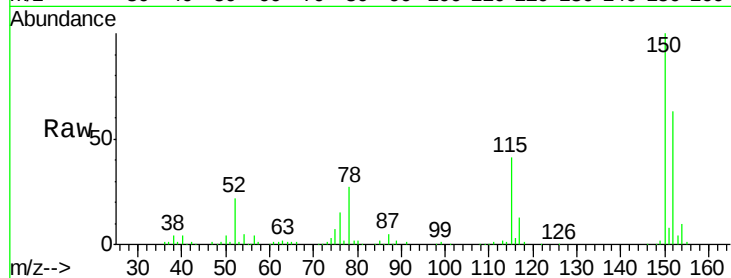
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	64.1	39.6	59.4

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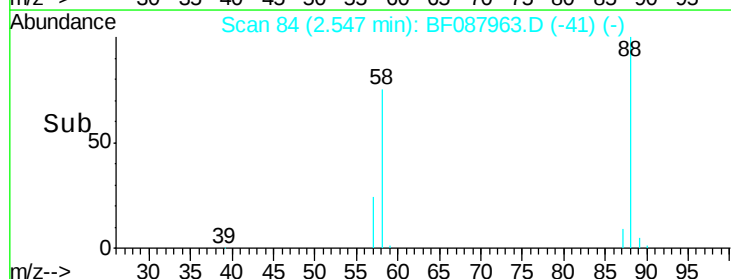
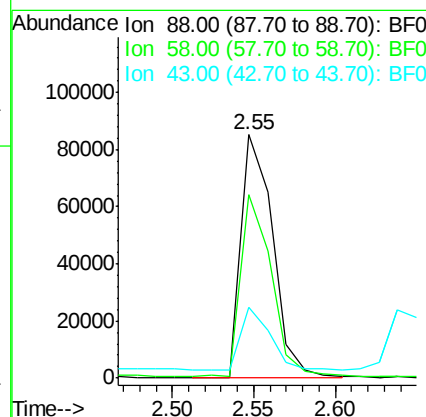
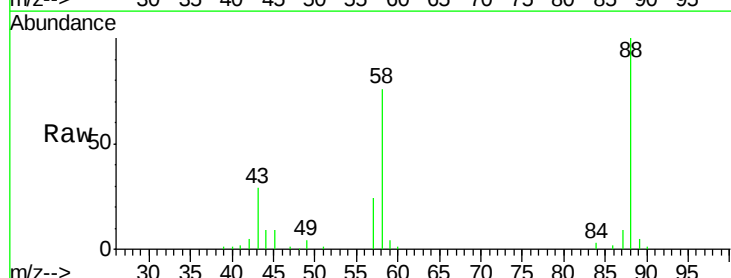
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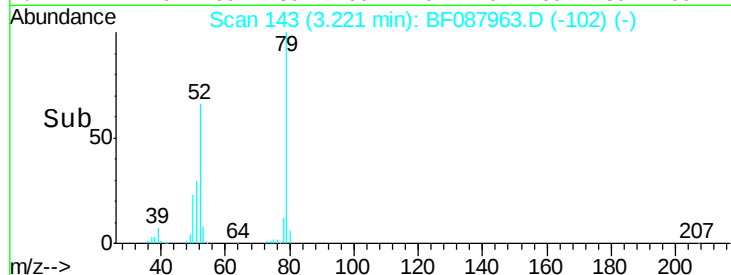
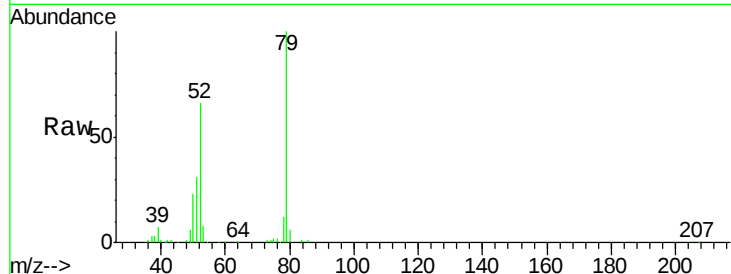


#2

1,4-Dioxane
Concen: 34.51 ng
RT: 2.55 min Scan# 84
Delta R.T. 0.19 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	0.0	0.0
43	0.0	3.4	5.2





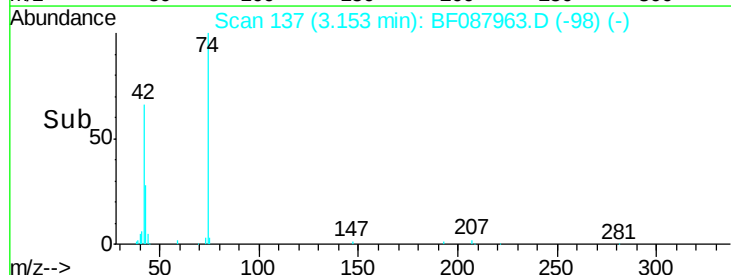
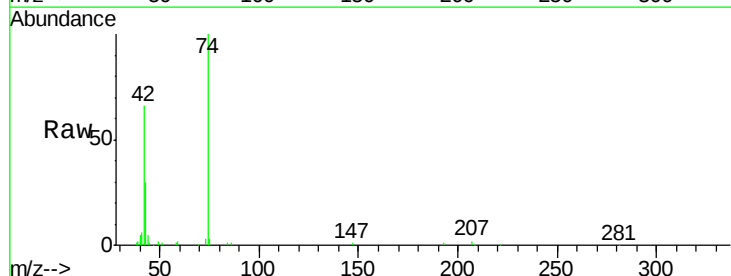
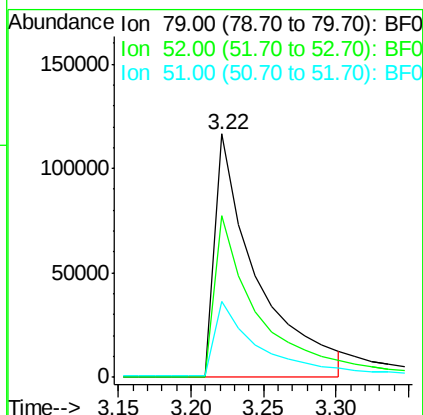
#3
Pvridine
Concen: 30.24 ng
RT: 3.22 min Scan# 143
Delta R.T. 0.17 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		236447		
52	66.3	56.3	84.5		
51	31.0	27.4	41.2		

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

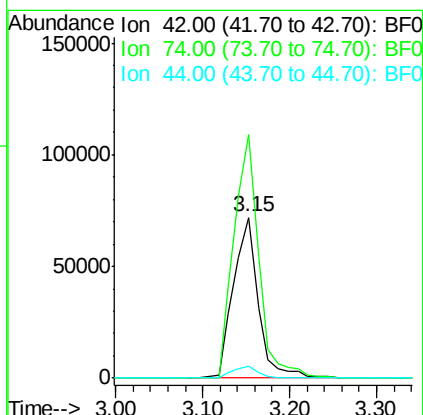
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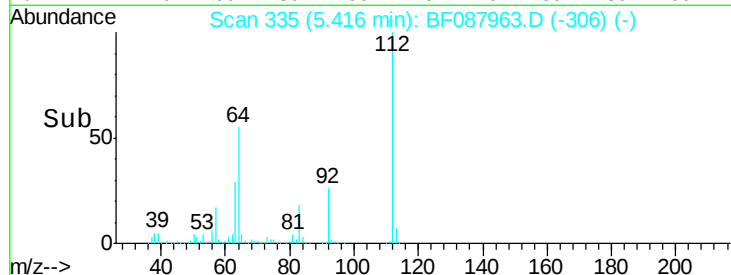
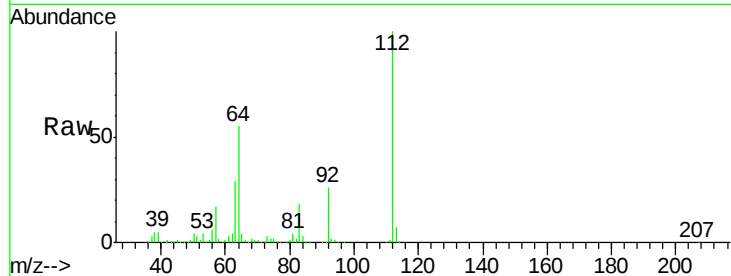
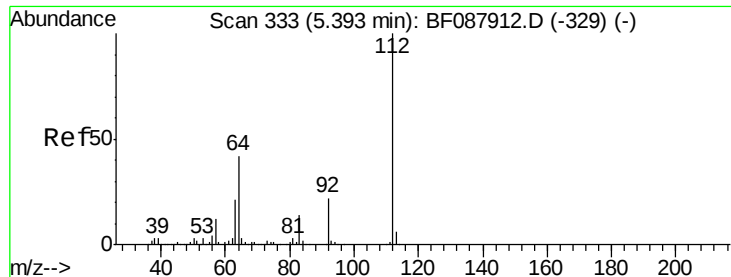
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#4
n-Nitrosodimethylamine
Concen: 43.11 ng
RT: 3.15 min Scan# 137
Delta R.T. 0.15 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		142776		
74	151.7	108.6	163.0		
44	7.3	5.5	8.3		





#5

2-Fluorophenol

Concen: 110.07 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.03 min

Lab File: BF087963.D

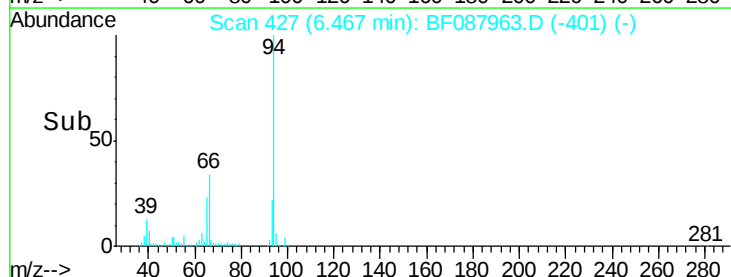
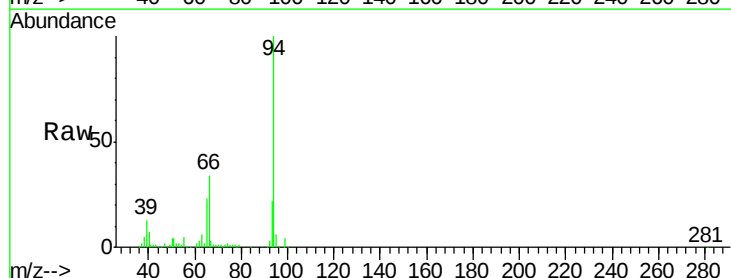
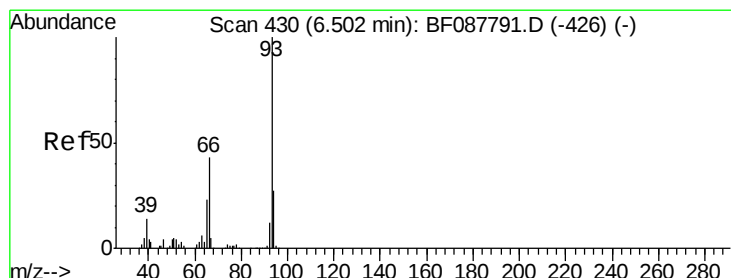
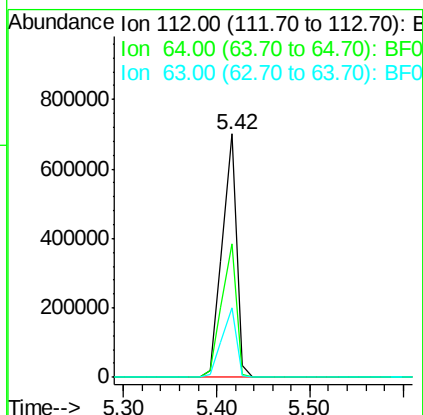
Acq: 12 Jun 2016 22:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		750245		
64	54.8	42.2	63.2		
63	28.6	21.8	32.8		

Instrument :
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STA-1000-(0-4)MS

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#6

Aniline

Concen: 7.69 ng

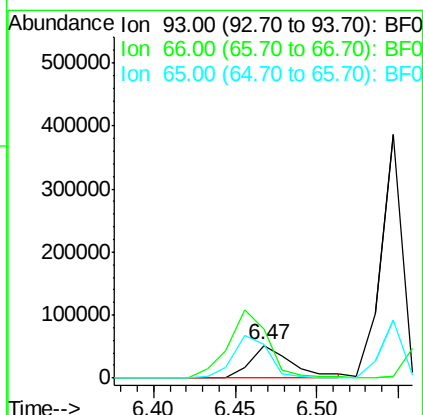
RT: 6.47 min Scan# 427

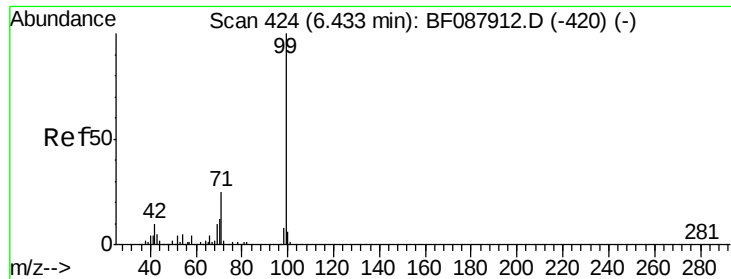
Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		90412		
66	151.1	29.8	44.8#		
65	104.9	14.9	22.3#		





#7

Phenol-d6

Concen: 121.47 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MS

Tot Ion: 99 Resp: 1003389

Ion Ratio Lower Upper

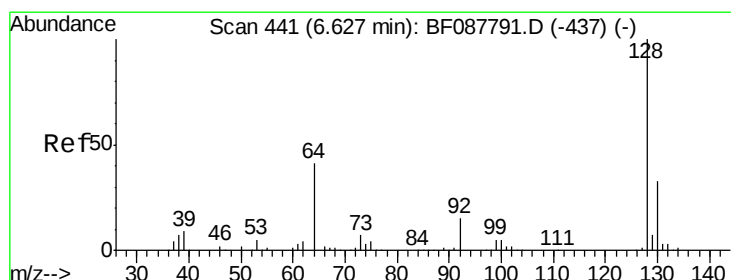
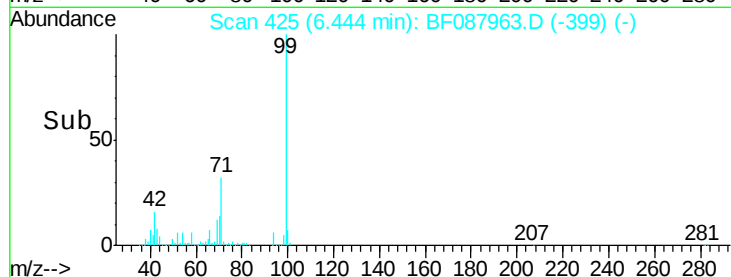
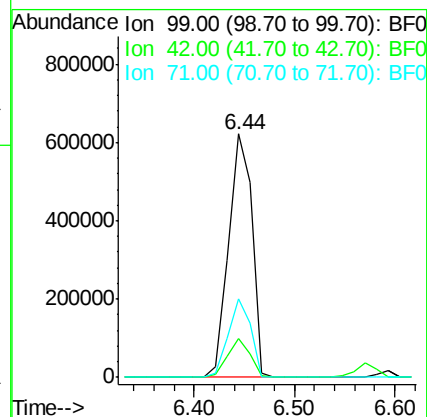
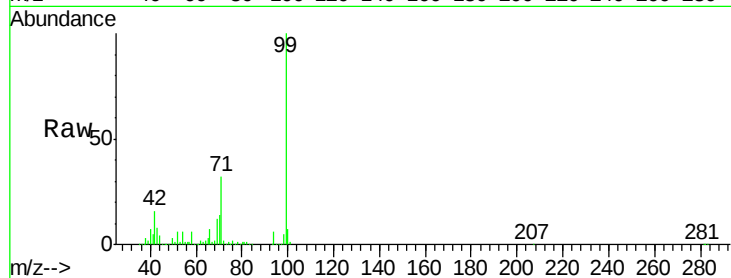
99 100

42 15.8 12.2 18.2

71 32.1 23.4 35.0

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#8

2-Chlorophenol

Concen: 46.09 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.01 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

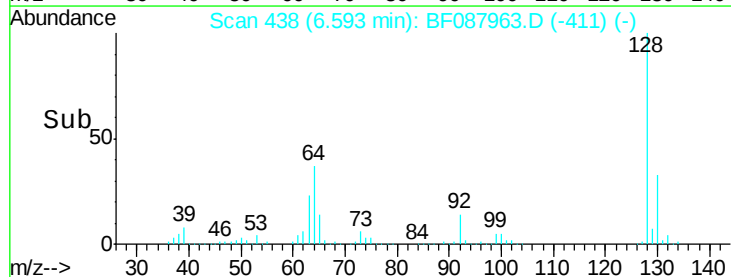
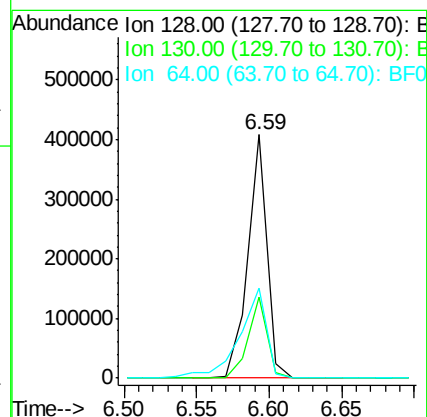
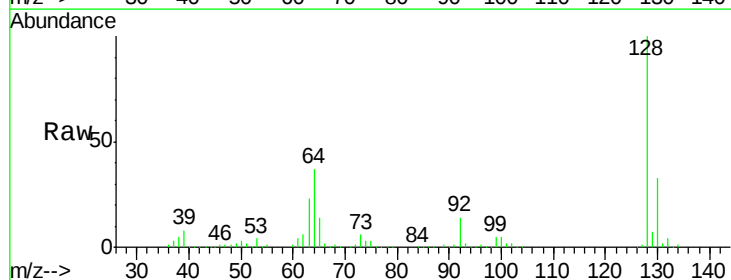
Tgt Ion: 128 Resp: 371799

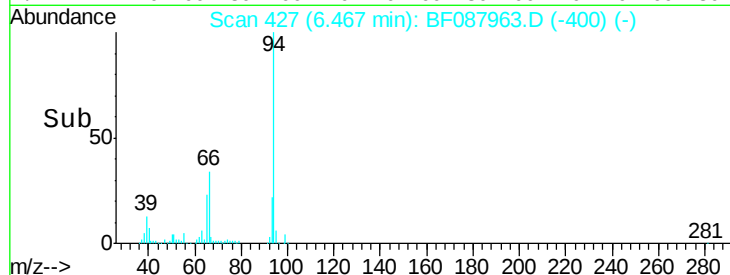
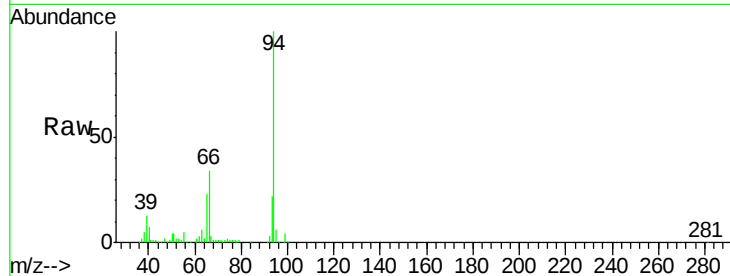
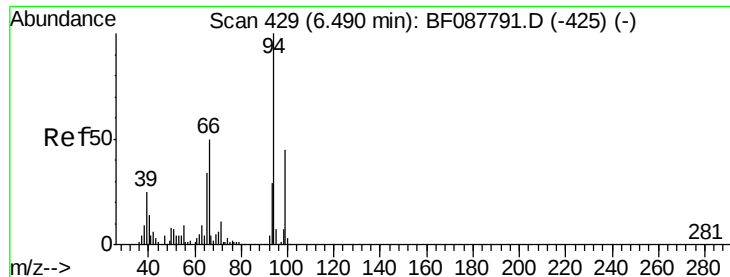
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 37.2 30.8 70.8





#10

Phenol

Concen: 39.71 ng

RT: 6.47 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF087963.D

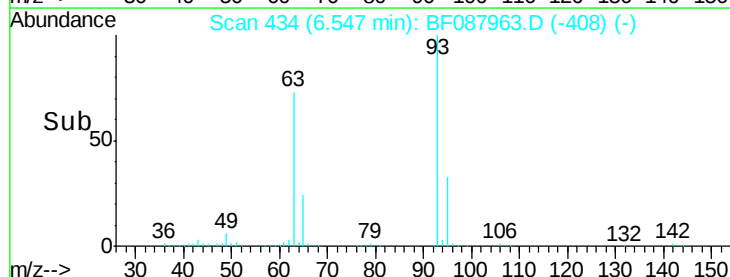
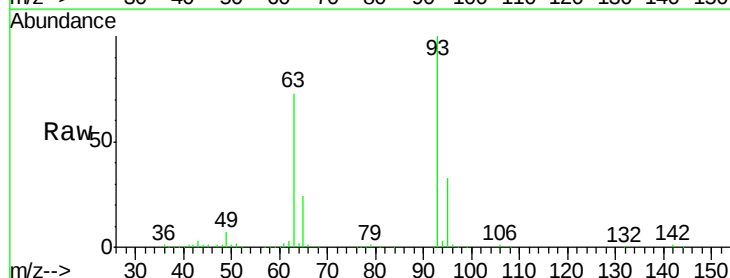
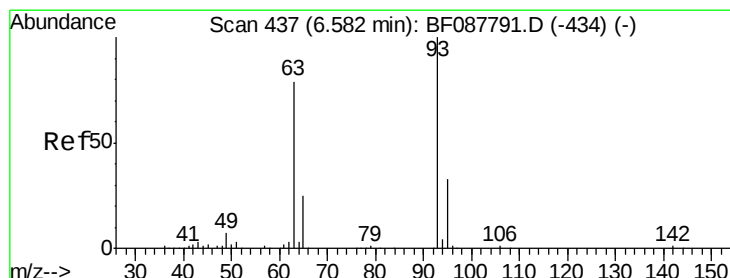
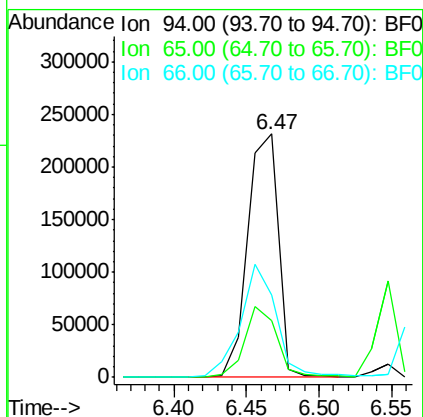
Acq: 12 Jun 2016 22:27

Tot Ion	94	Resp	341166
Ion Ratio	Lower	Upper	
94	100		
65	23.4	5.9	45.9
66	33.7	14.0	54.0

Instrument :
BNA_F
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STA-1000-(0-4)MS

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#11

bis(2-Chloroethyl)ether

Concen: 46.79 ng

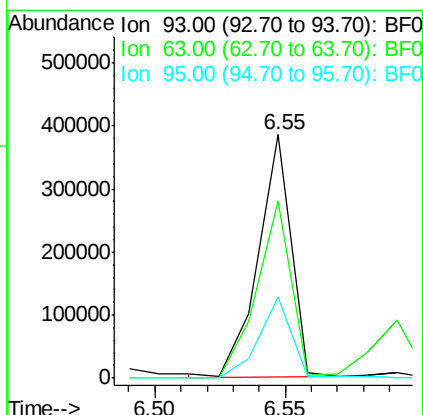
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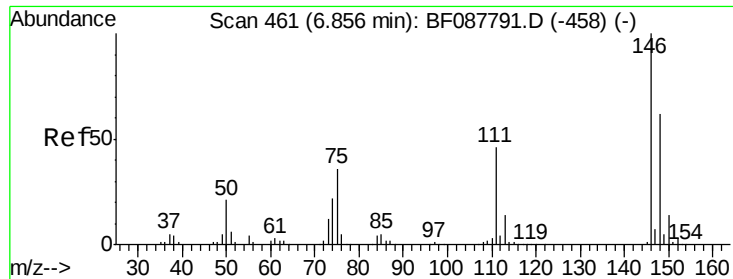
Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion	93	Resp	338894
Ion Ratio	Lower	Upper	
93	100		
63	72.8	67.6	107.6
95	33.3	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 39.60 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

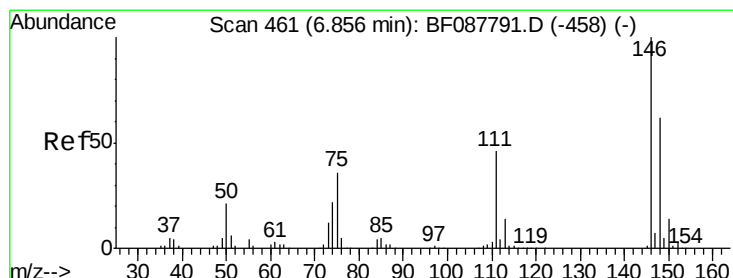
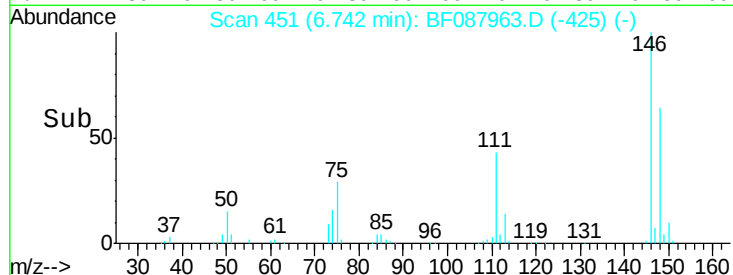
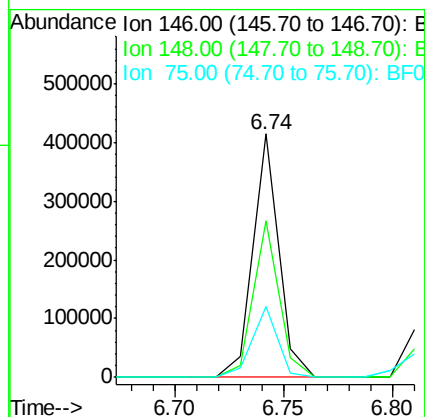
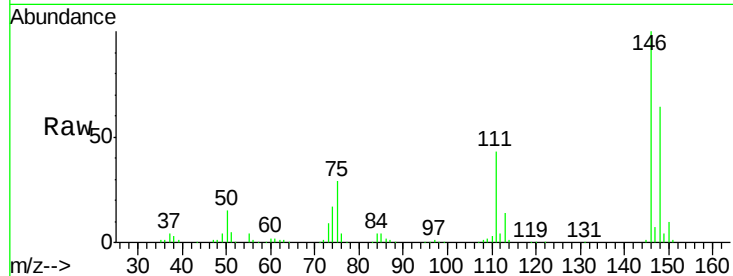
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:	146	Resp:	342752
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.9	76.3
75	29.2	25.6	38.4

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#13

1,4-Dichlorobenzene

Concen: 43.15 ng

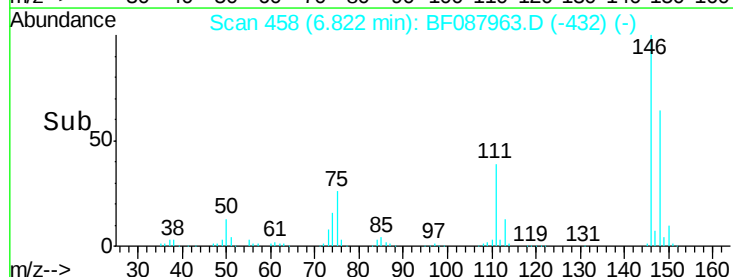
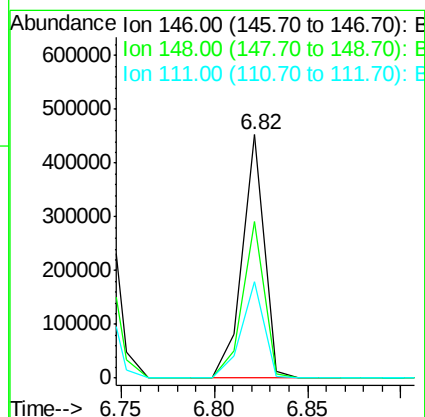
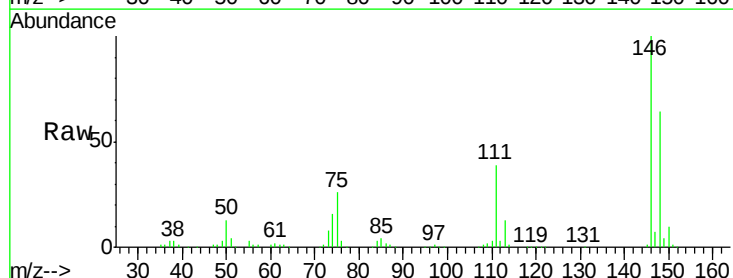
RT: 6.82 min Scan# 458

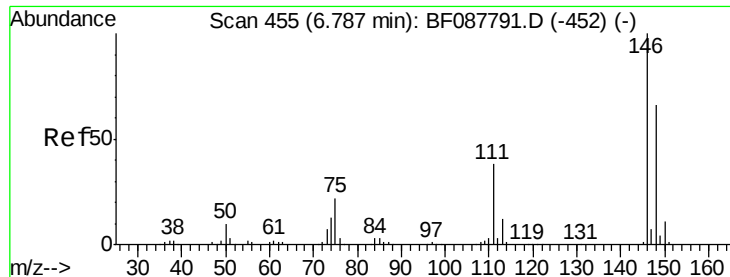
Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:	146	Resp:	376254
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.0	78.0
111	39.4	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 39.72 ng/mL

RT: 6.97 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

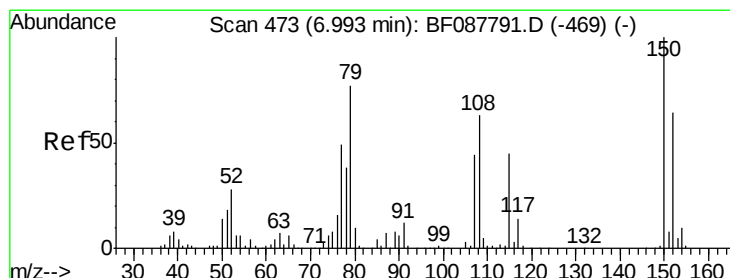
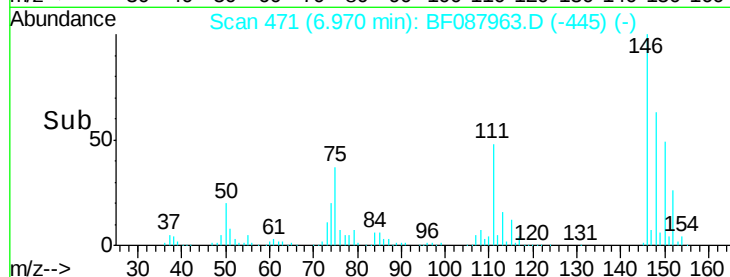
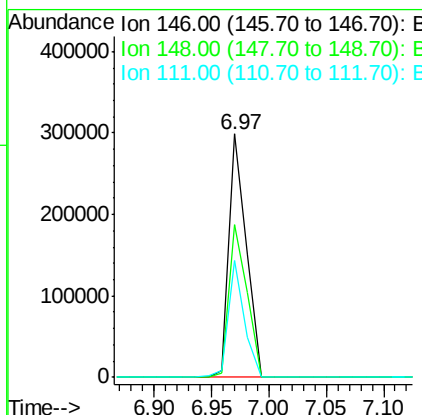
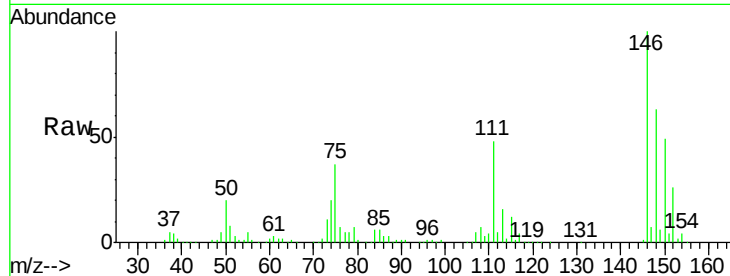
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:	146	Resp:	314940
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.3	78.5
111	48.2	28.7	43.1#

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#15

Benzyl Alcohol

Concen: 39.64 ng/mL

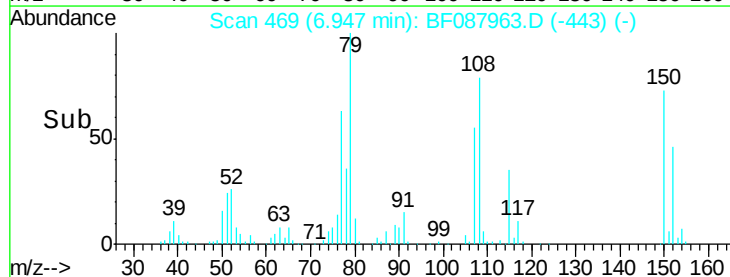
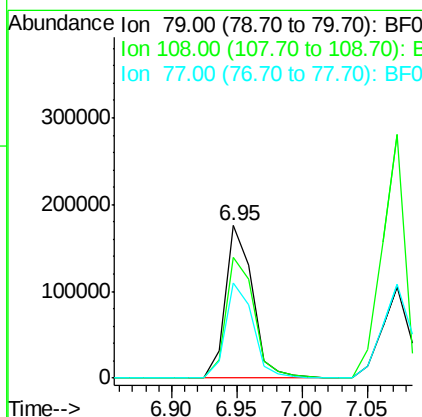
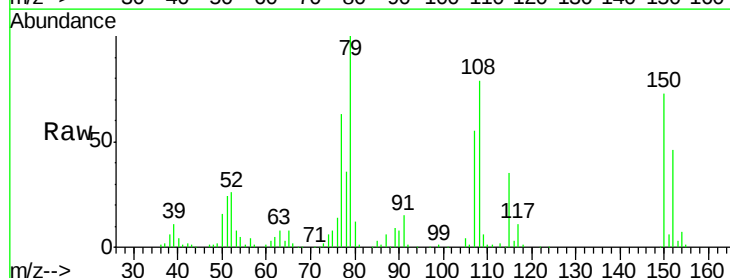
RT: 6.95 min Scan# 469

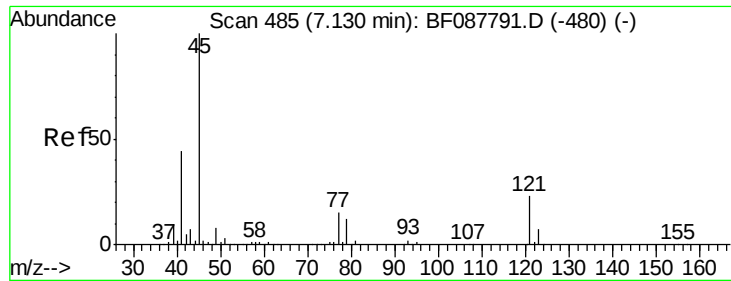
Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:	79	Resp:	256197
Ion Ratio	Lower	Upper	
79	100		
108	79.0	65.0	97.6
77	62.6	50.3	75.5





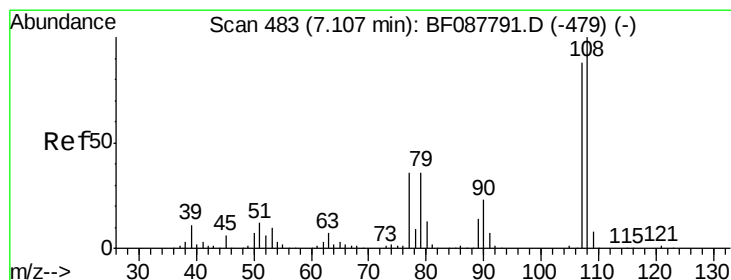
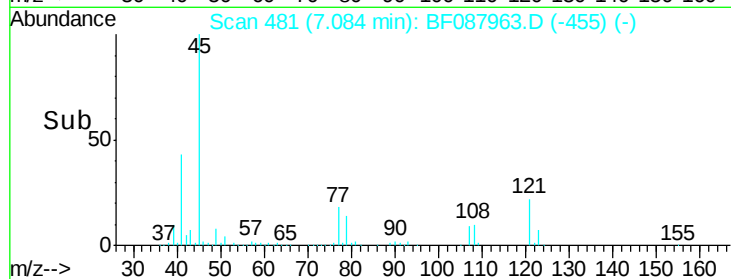
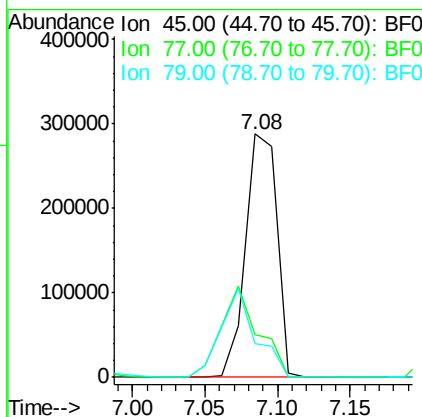
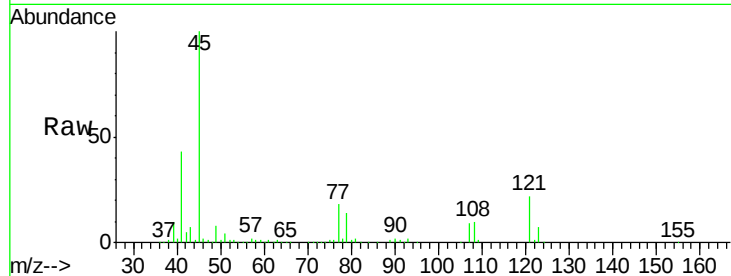
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 44.16 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	32.5
79	13.9	0.0	29.5

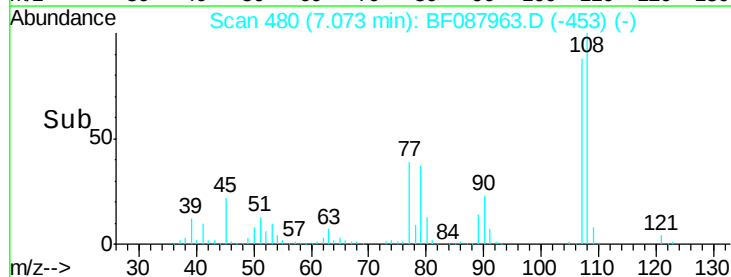
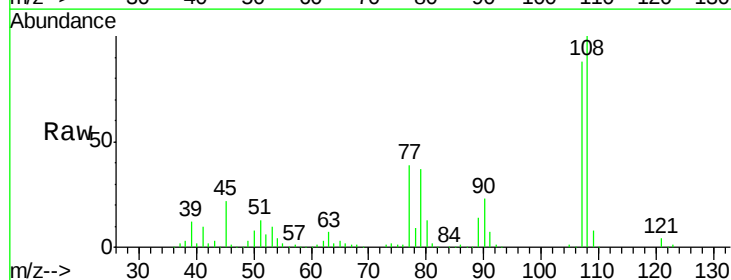
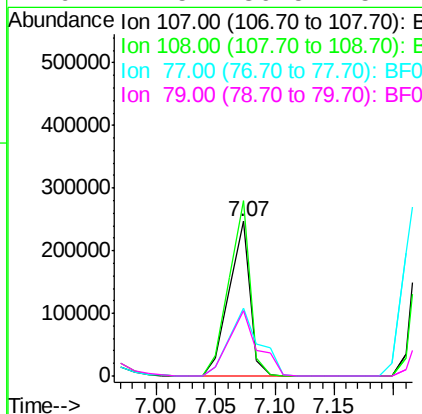
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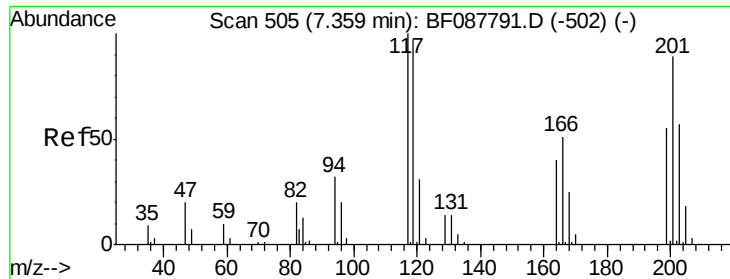
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#17
2-Methylphenol
Concen: 46.40 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	44.1	36.6	55.0
79	42.5	36.5	54.7





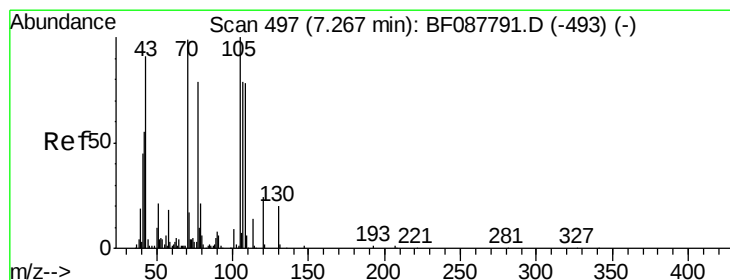
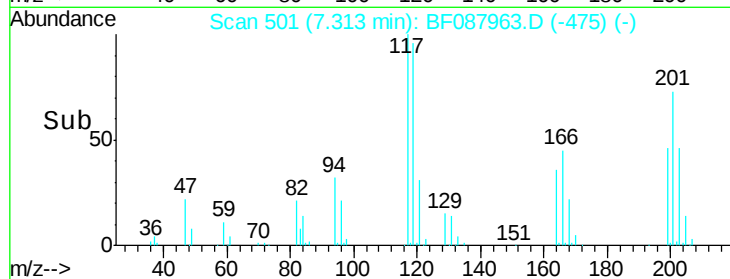
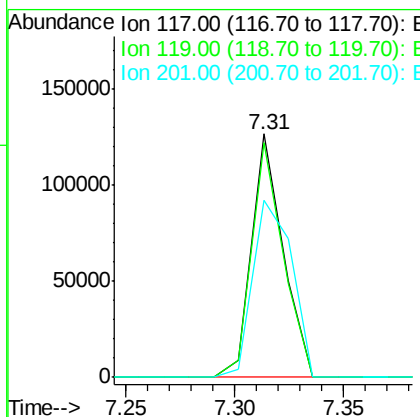
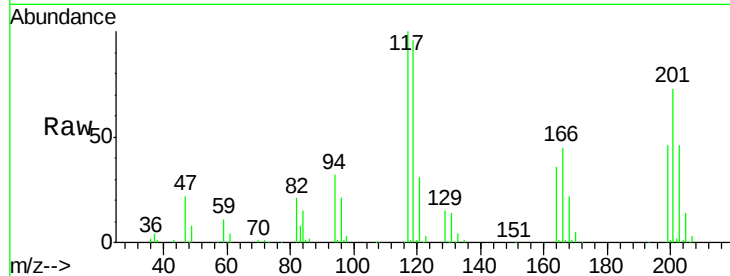
#18
Hexachloroethane
Concen: 41.21 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	127495		
119	96.4	77.4	116.2	
201	72.6	80.4	120.6#	

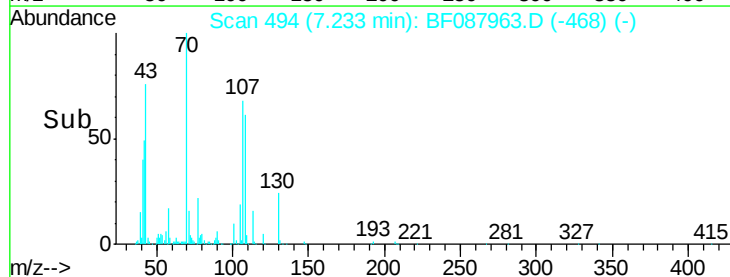
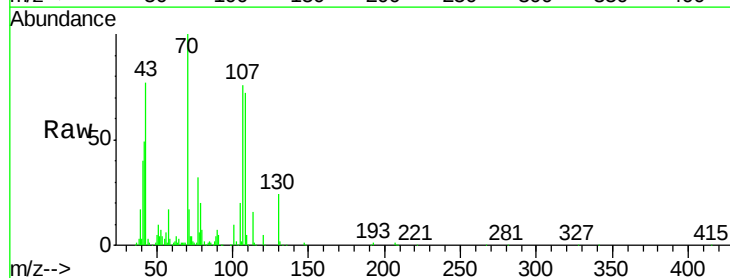
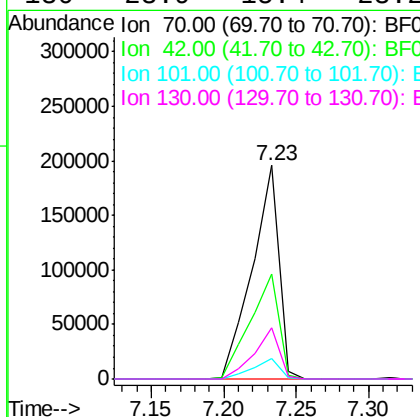
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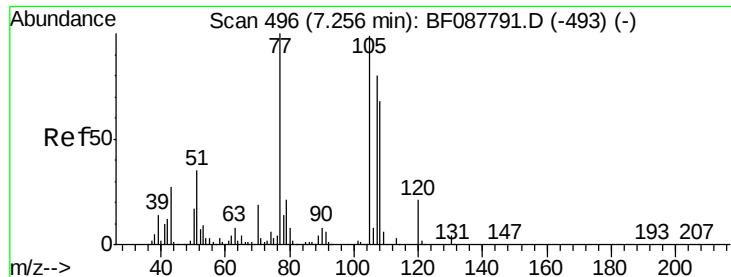
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#19
n-Nitroso-di-n-propylamine
Concen: 47.63 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	251709		
42	49.2	49.6	74.4#	
101	9.7	7.1	10.7	
130	23.9	15.4	23.2#	





#20

3+4-Methylphenols

Concen: 44.25 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF087963.D

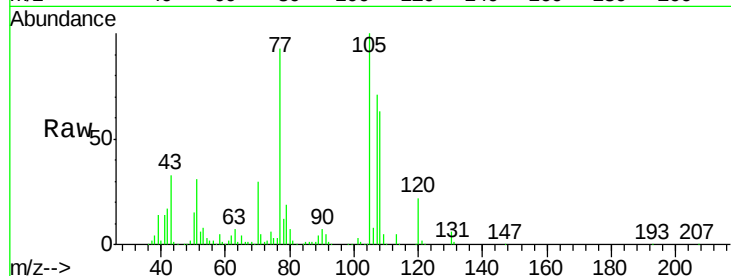
Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

ClientSampleId :

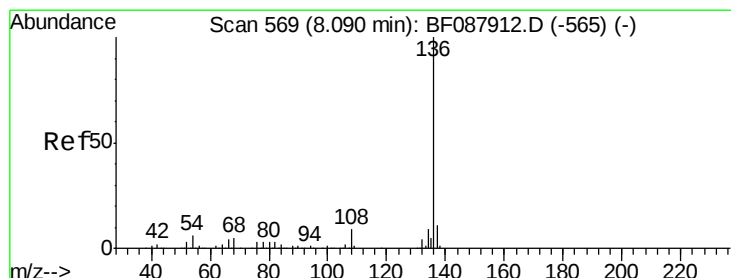
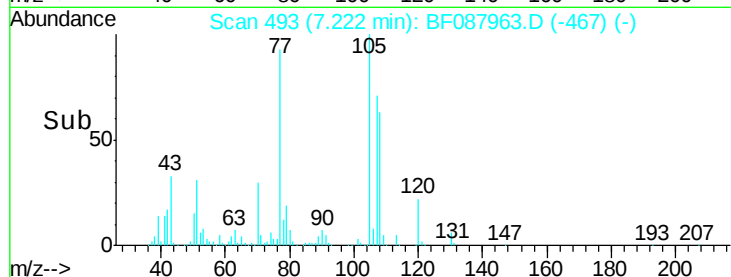
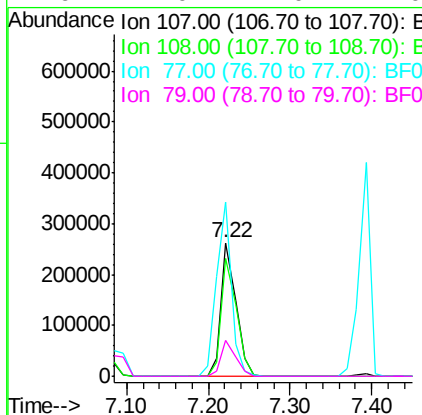
STA-1000-(0-4)MS



Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.0	67.8	107.8	
77	130.0	59.3	99.3#	
79	27.0	7.0	47.0	

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#21

Naphthalene-d8

Concen: 20.00 ng

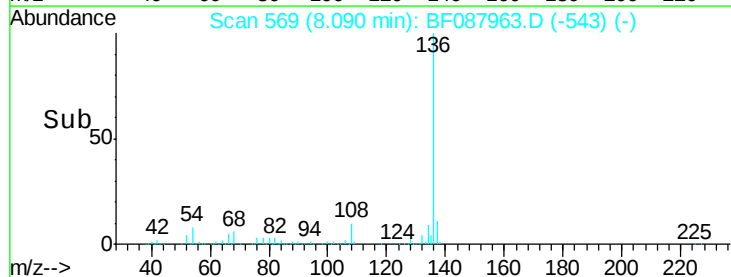
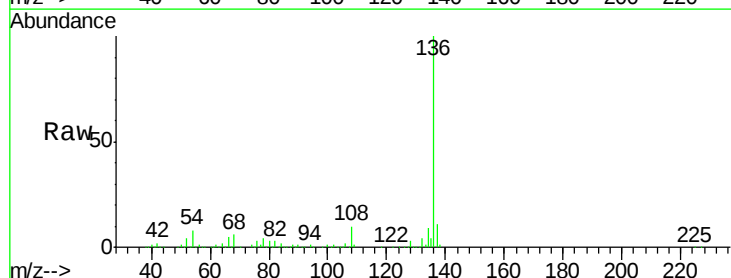
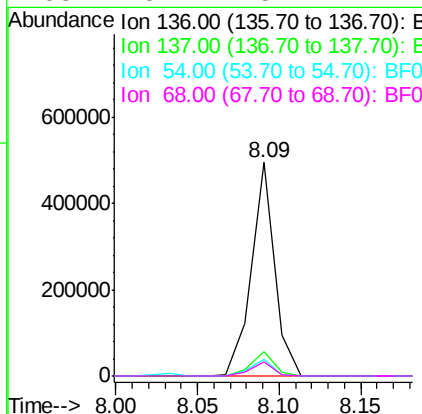
RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.6	6.6	10.0	
68	6.4	5.1	7.7	





#22

Acetophenone

Concen: 42.56 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF087963.D

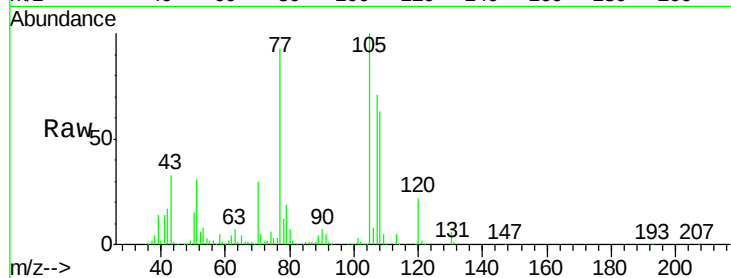
Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MS



Tot Ion: 105 Resp: 466325

Ion Ratio Lower Upper

105 100

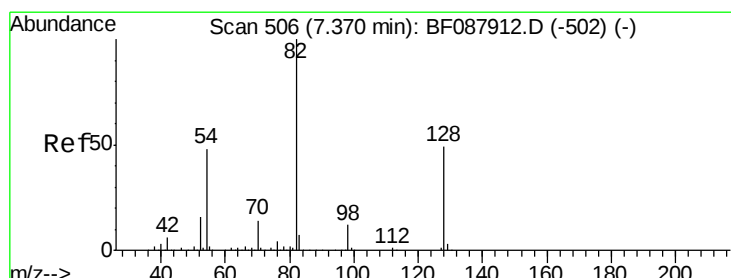
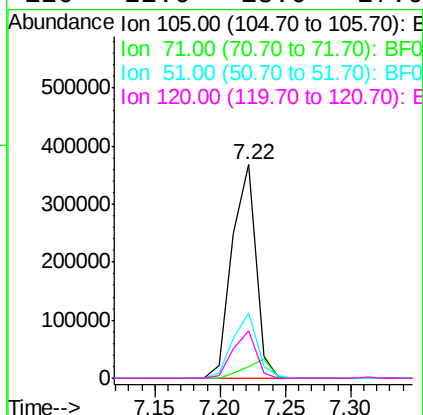
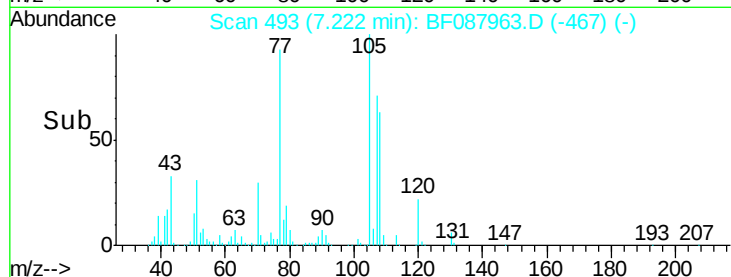
71 5.2 5.3 7.9#

51 30.6 18.2 27.4#

120 22.0 18.0 27.0

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#23

Nitrobenzene-d5

Concen: 76.34 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

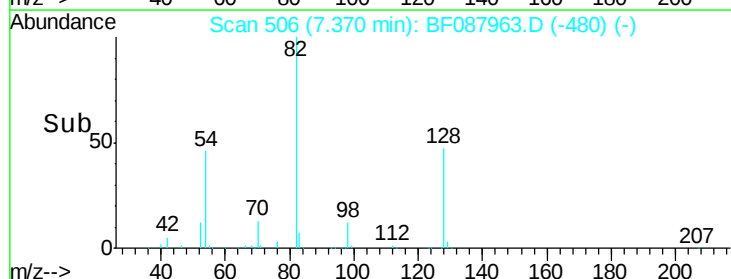
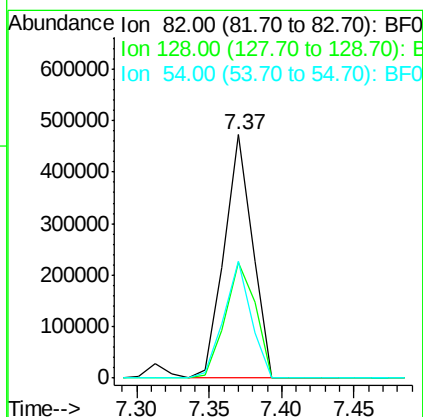
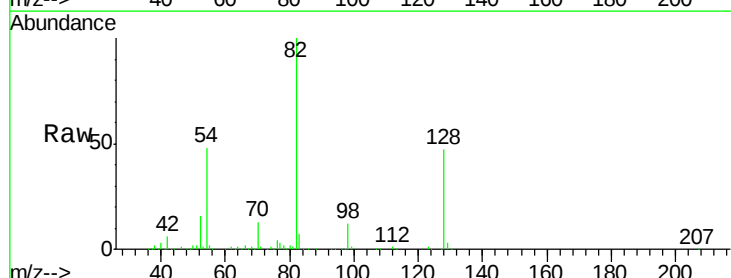
Tgt Ion: 82 Resp: 641062

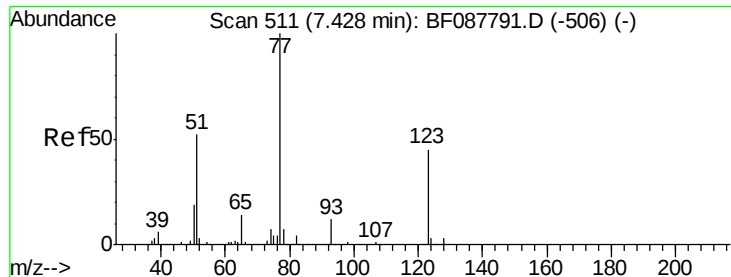
Ion Ratio Lower Upper

82 100

128 47.4 35.9 53.9

54 48.0 40.9 61.3





#24

Nitrobenzene

Concen: 48.23 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

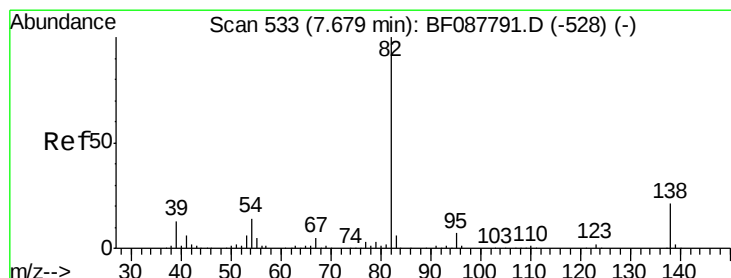
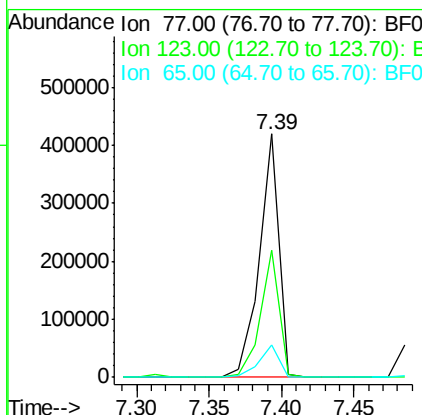
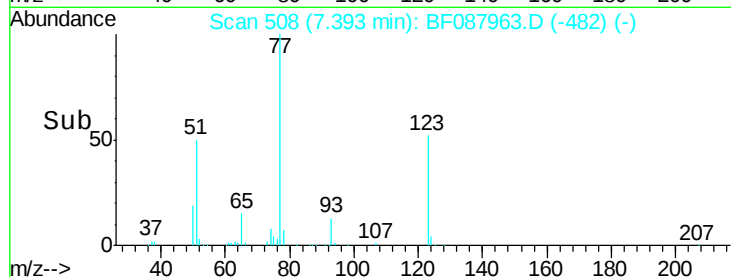
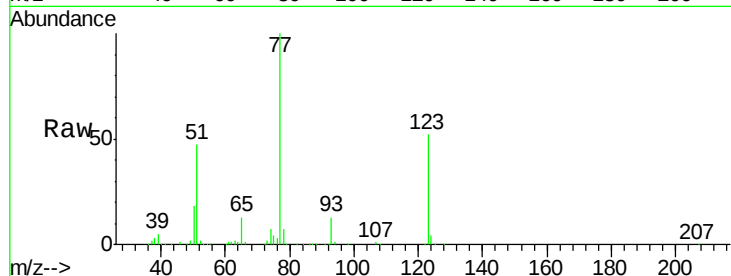
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:	77	Resp:	392288
Ion Ratio	Lower	Upper	
77	100		
123	52.2	45.0	67.4
65	13.2	10.2	15.2

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#25

Isophorone

Concen: 43.30 ng

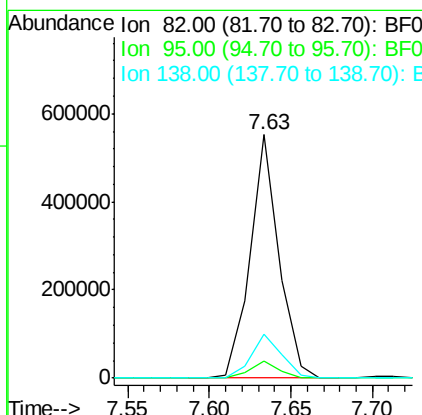
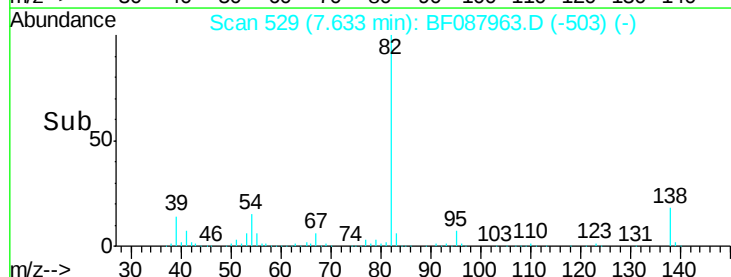
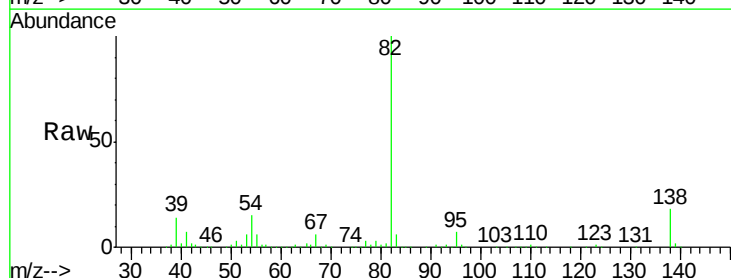
RT: 7.63 min Scan# 529

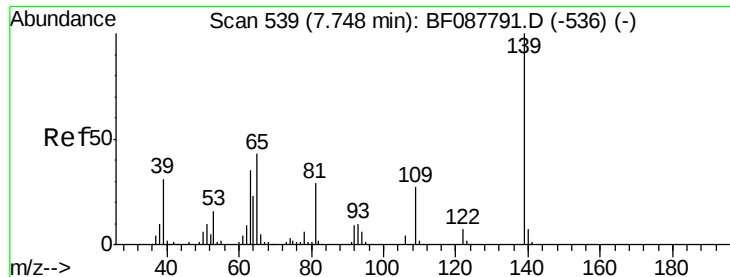
Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:	82	Resp:	673474
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	17.9	14.6	21.8





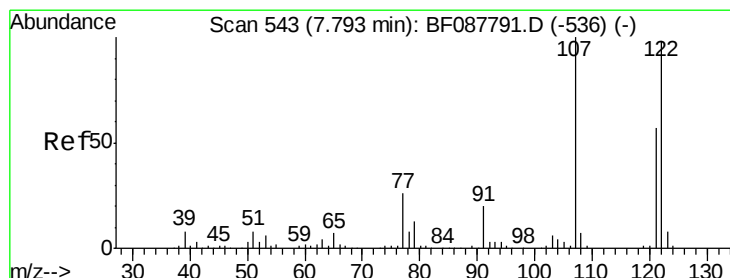
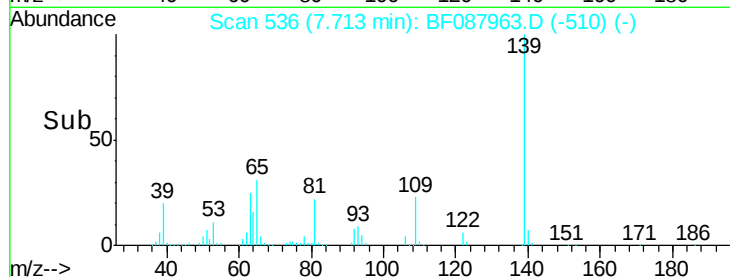
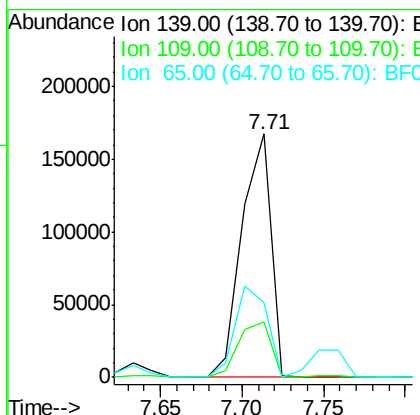
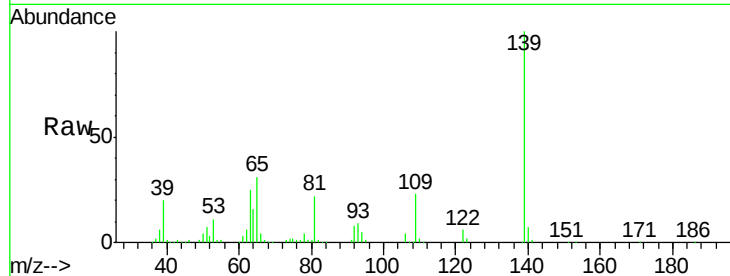
#26
2-Nitrophenol
Concen: 47.45 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	206753		
109	22.8	23.0	34.4#	
65	30.9	45.8	68.8#	

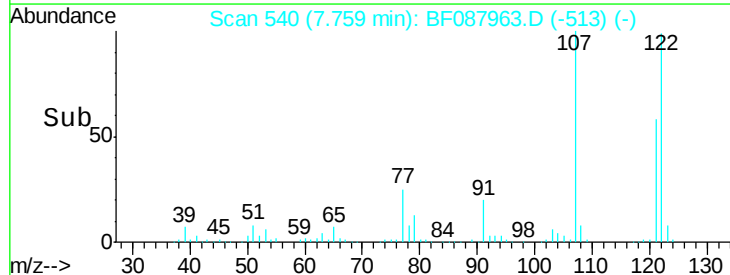
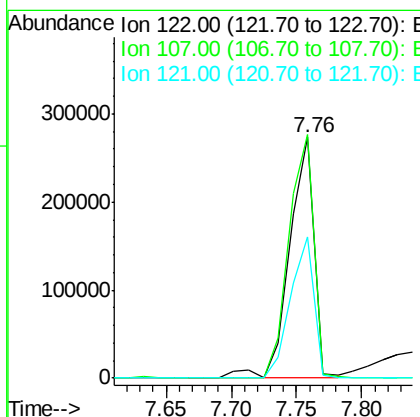
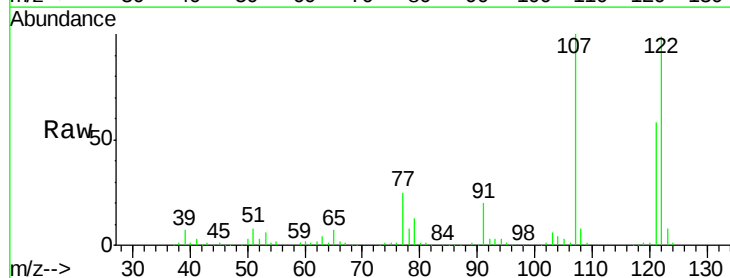
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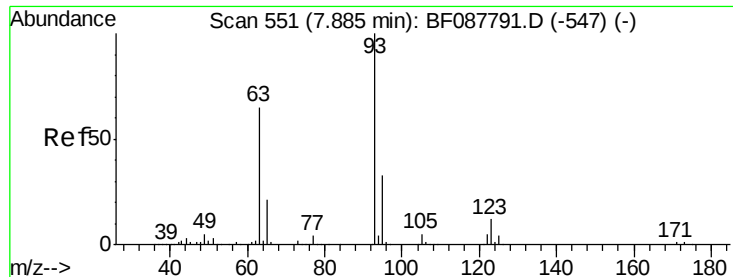
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#27
2,4-Dimethylphenol
Concen: 45.14 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.01 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	362091		
107	101.2	82.4	123.6	
121	58.6	46.3	69.5	





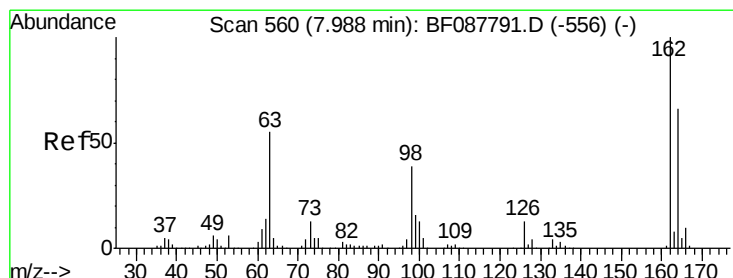
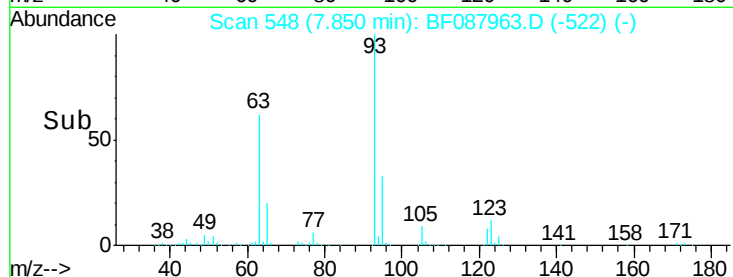
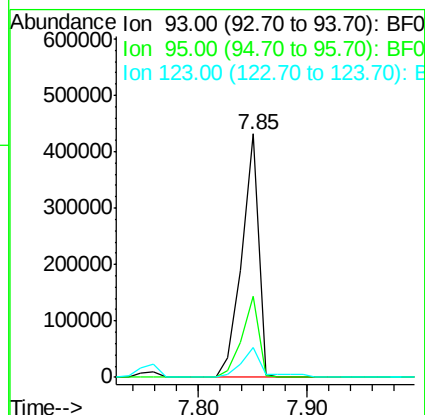
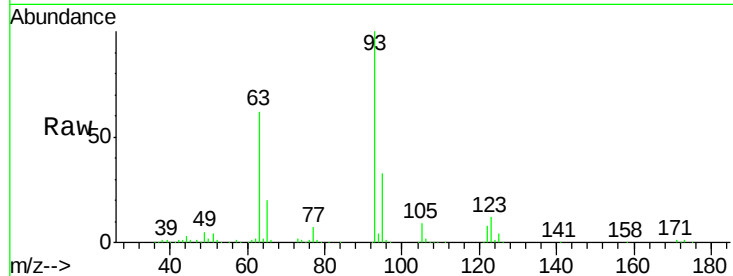
#28
bis(2-Chloroethoxy)methane
Concen: 47.23 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion:	93	Resp:	455659
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	12.4	11.6	17.4

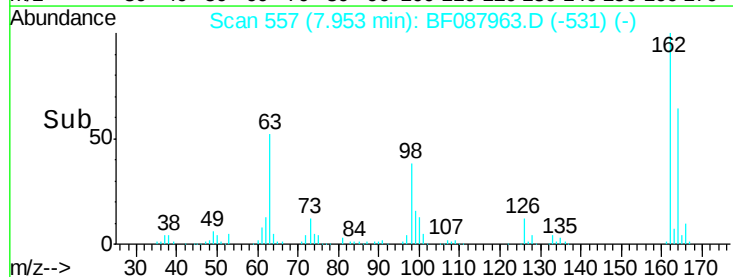
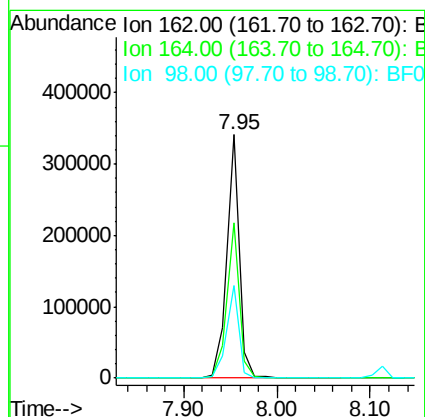
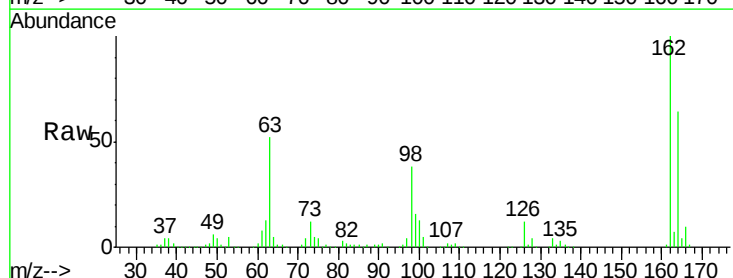
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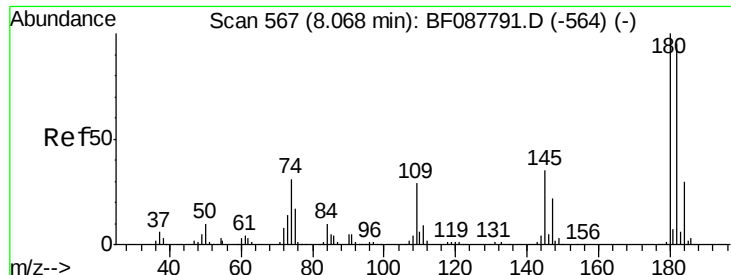
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#29
2,4-Dichlorophenol
Concen: 47.23 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion:	162	Resp:	316373
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.8	83.8
98	38.2	21.3	61.3





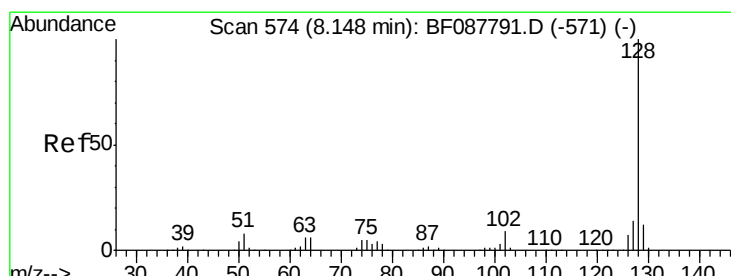
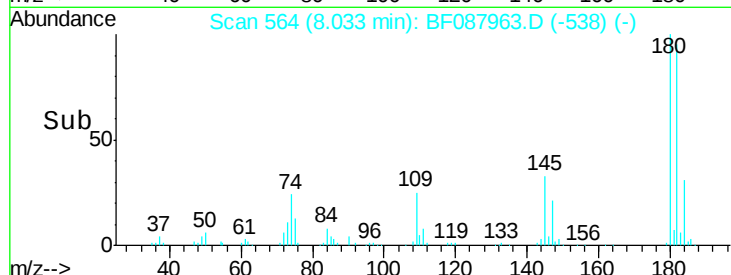
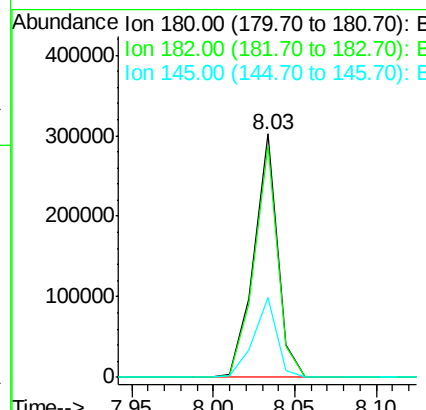
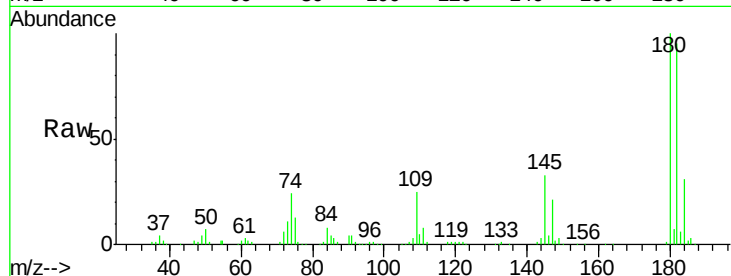
#30
 1,2,4-Trichlorobenzene
 Concen: 41.62 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	303519		
182	95.3	76.0	114.0	
145	33.0	26.5	39.7	

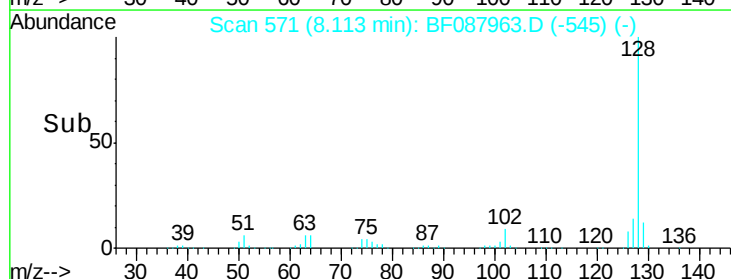
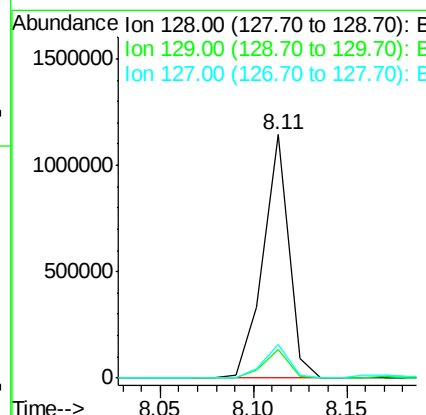
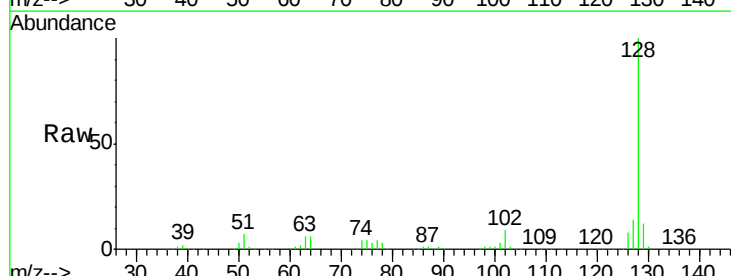
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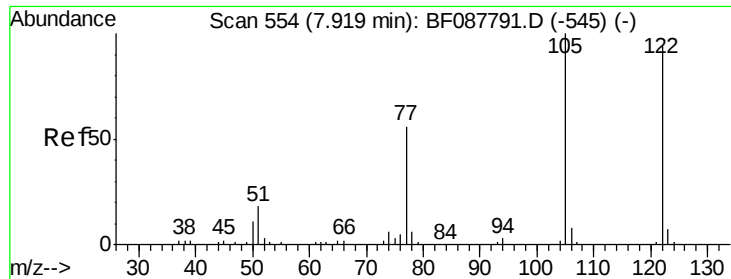
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#31
 Naphthalene
 Concen: 44.85 ng
 RT: 8.11 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1088339		
129	11.7	9.4	14.2	
127	13.7	10.9	16.3	





#32

Benzoic acid

Concen: 57.35 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

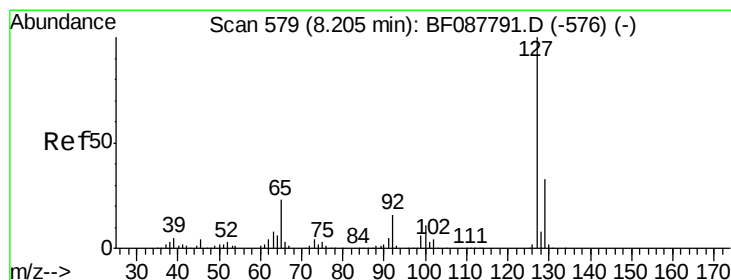
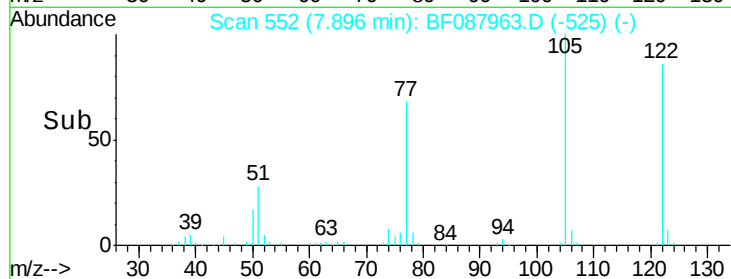
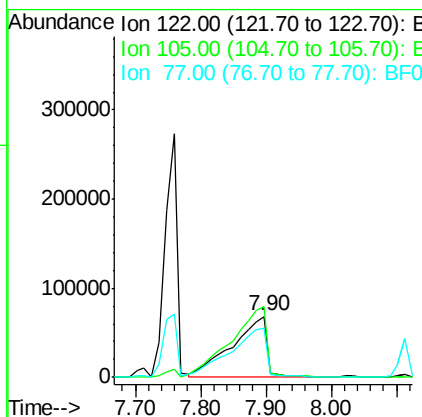
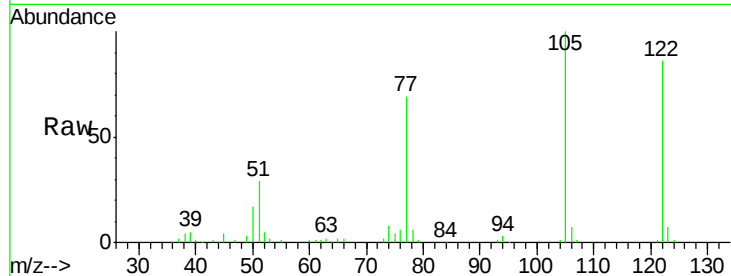
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:	122	Resp:	253340
Ion Ratio	Lower	Upper	
122	100		
105	116.1	101.6	141.6
77	80.5	70.6	110.6

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#33

4-Chloroaniline

Concen: 3.15 ng

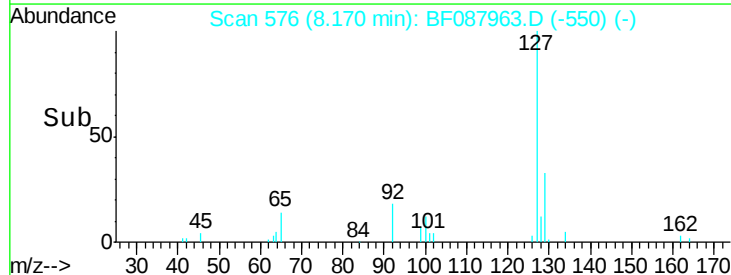
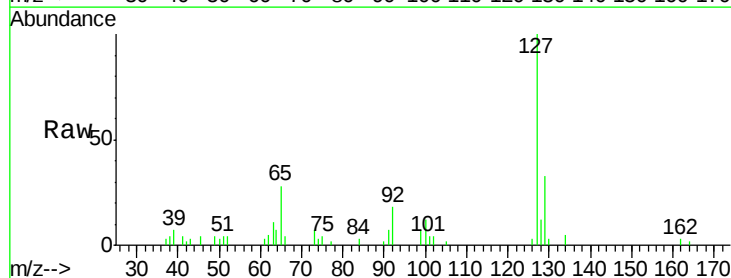
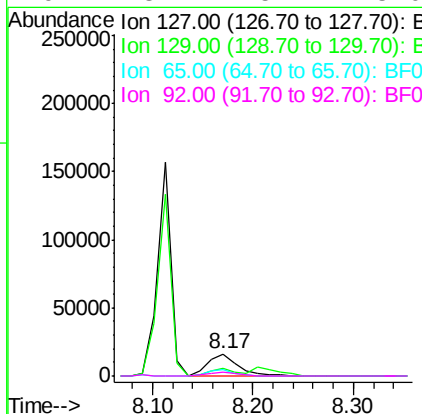
RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:	127	Resp:	34108
Ion Ratio	Lower	Upper	
127	100		
129	32.7	26.3	39.5
65	28.2	24.7	37.1
92	18.2	15.4	23.0





#34

Hexachlorobutadiene

Concen: 41.00 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

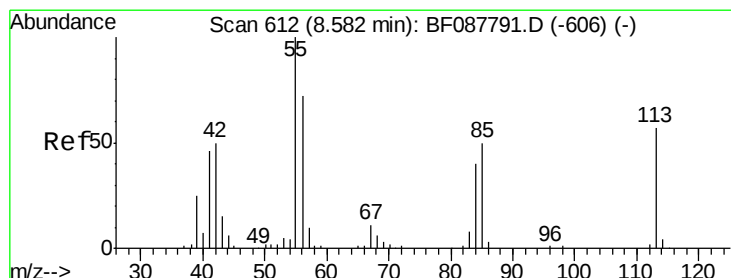
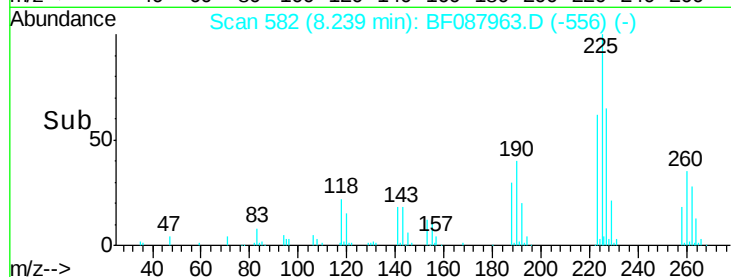
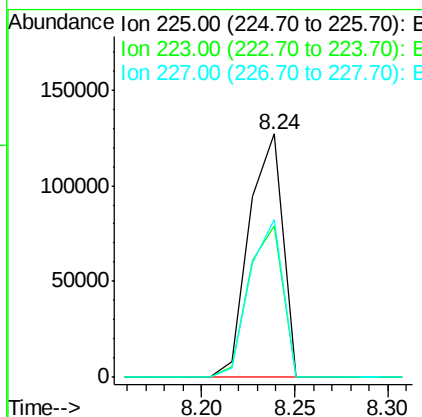
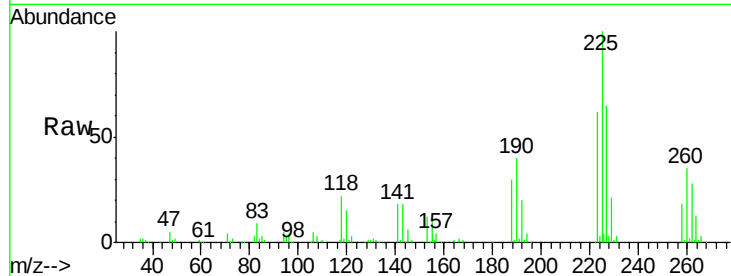
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:	225	Resp:	157710
Ion Ratio		Lower	Upper
225	100		
223	62.0	50.9	76.3
227	64.9	51.9	77.9

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#35

Caprolactam

Concen: 42.53 ng m

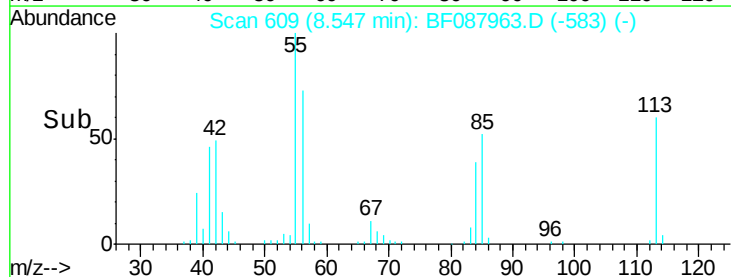
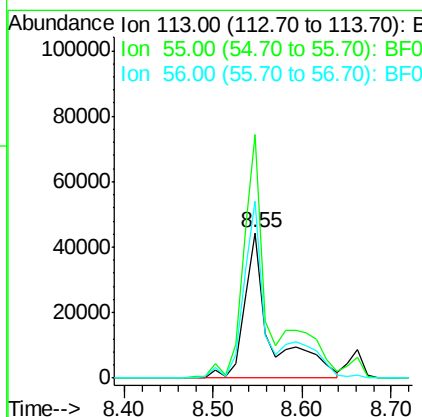
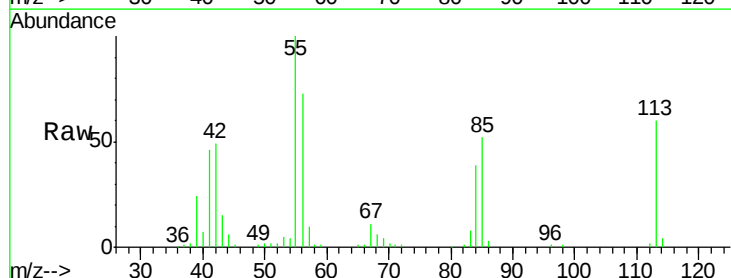
RT: 8.55 min Scan# 609

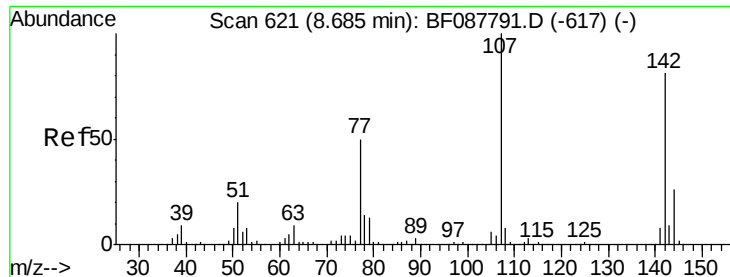
Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:	113	Resp:	94354
Ion Ratio		Lower	Upper
113	100		
55	167.2	158.6	198.6
56	121.4	110.6	150.6





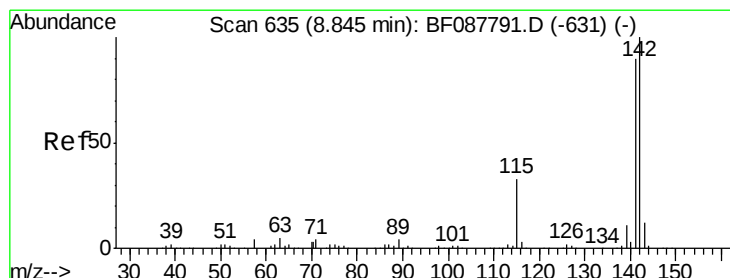
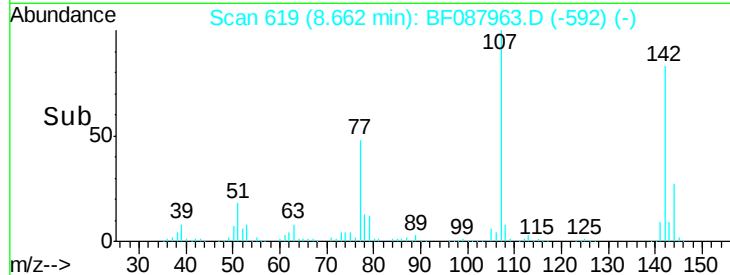
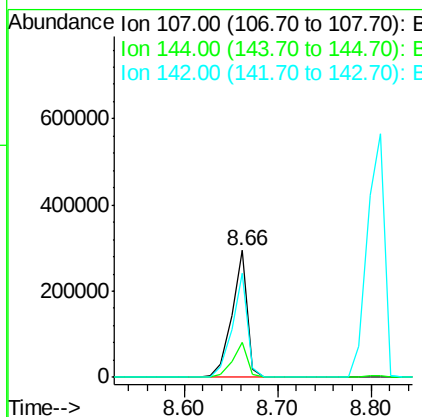
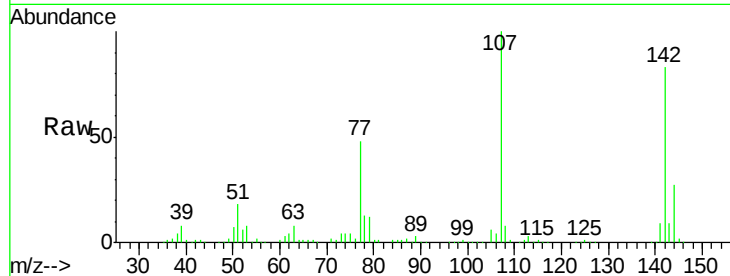
#36
 4-Chloro-3-methylphenol
 Concen: 47.30 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	338790		
144	27.2	20.8	31.2	
142	82.6	63.4	95.2	

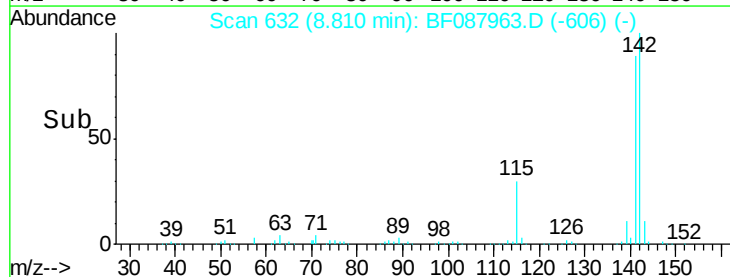
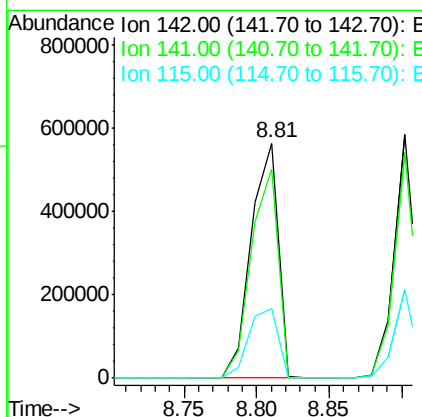
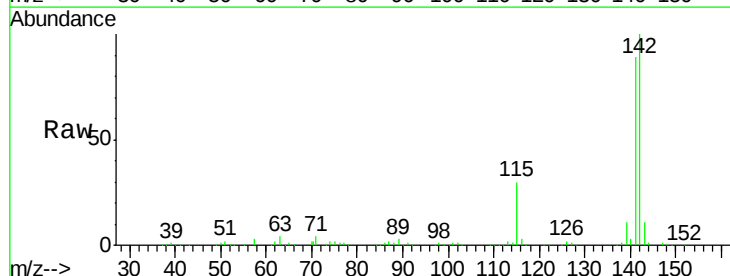
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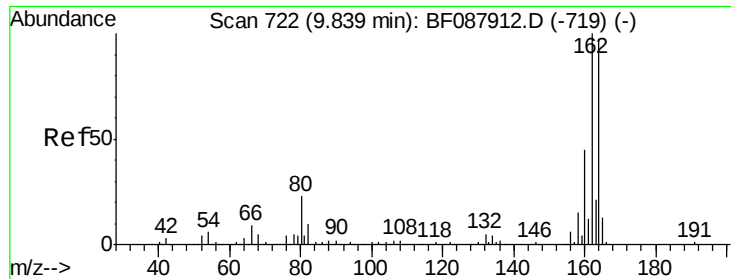
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#37
 2-Methylnaphthalene
 Concen: 45.78 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	732239		
141	89.1	71.0	106.6	
115	29.6	22.6	33.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087963.D

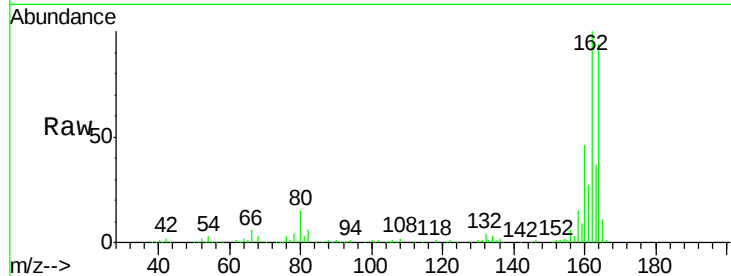
Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MS



Tot Ion:164 Resp: 236975

Ion Ratio Lower Upper

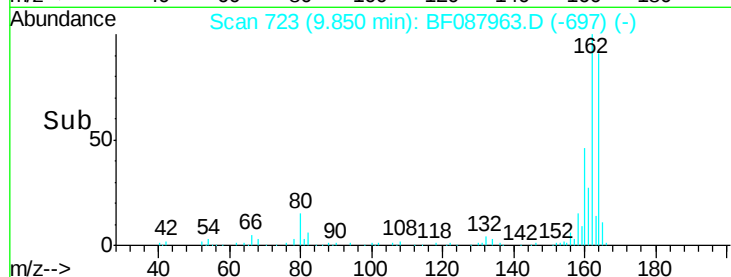
164 100

162 106.5 85.4 128.2

160 49.1 39.5 59.3

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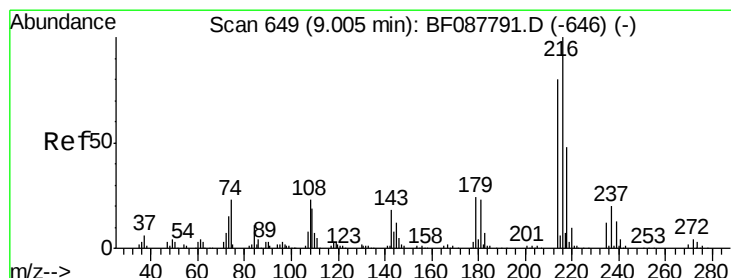
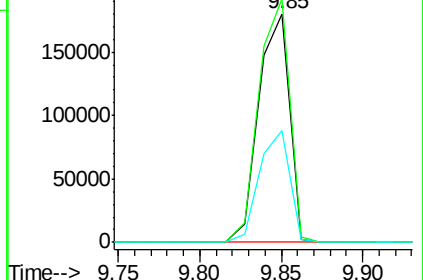
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.47 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:216 Resp: 262641

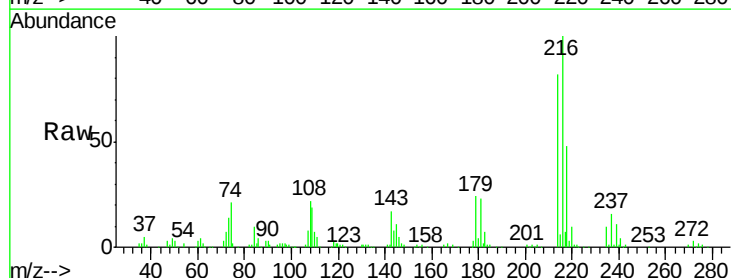
Ion Ratio Lower Upper

216 100

214 80.4 2.9 4.3#

179 23.1 0.0 0.0#

108 24.1 0.5 0.7#

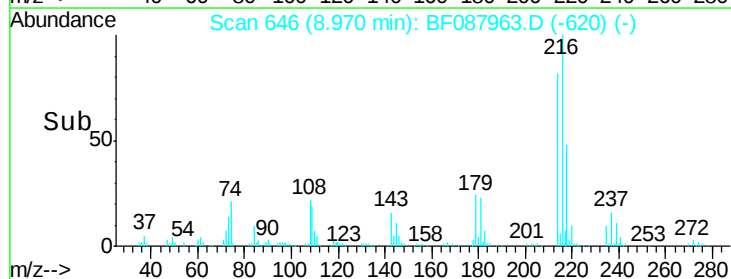
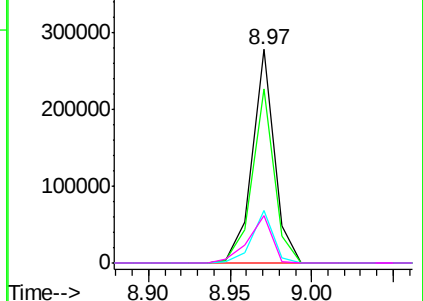


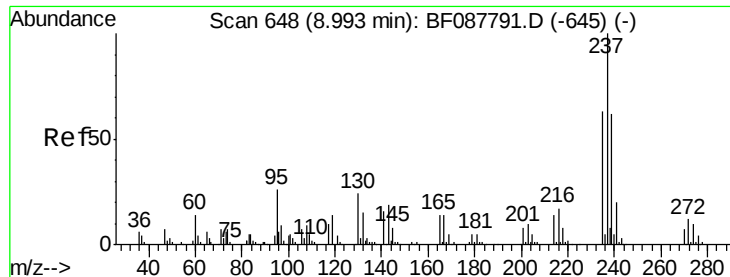
Abundance Ion 216.00 (215.70 to 216.70): E

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





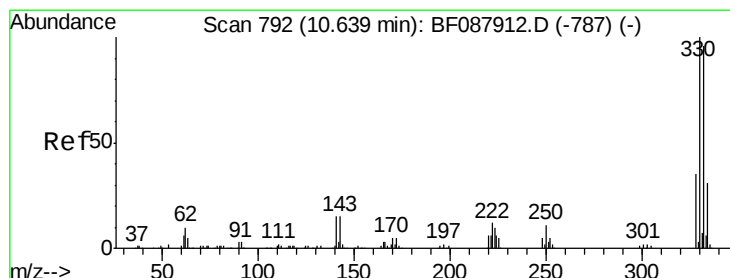
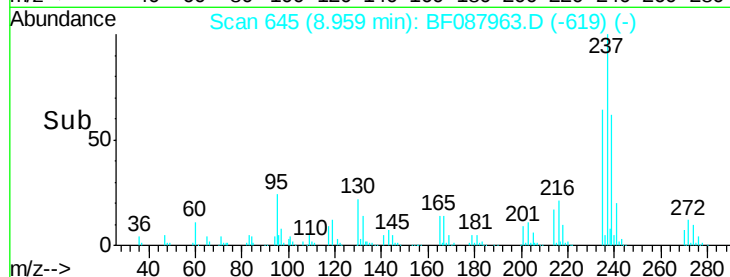
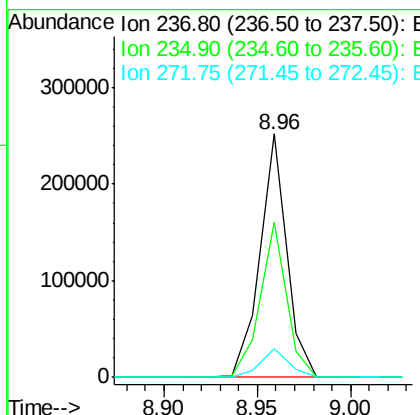
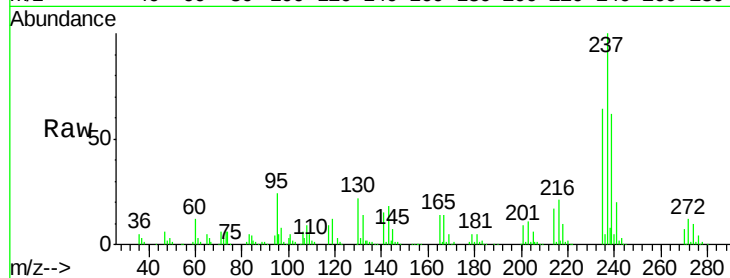
#40
Hexachlorocyclopentadiene
Concen: 65.12 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	43.4	83.4
272	11.9	0.0	32.3

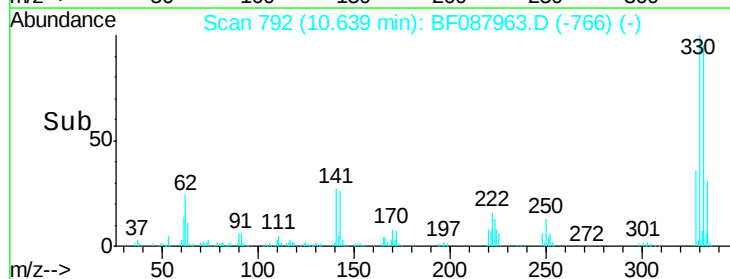
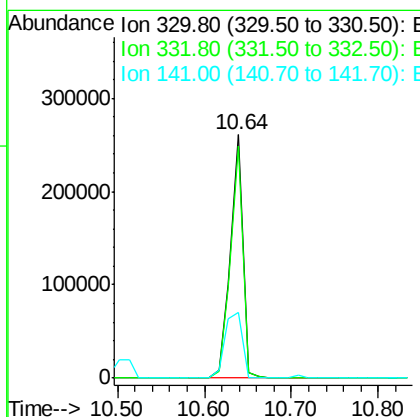
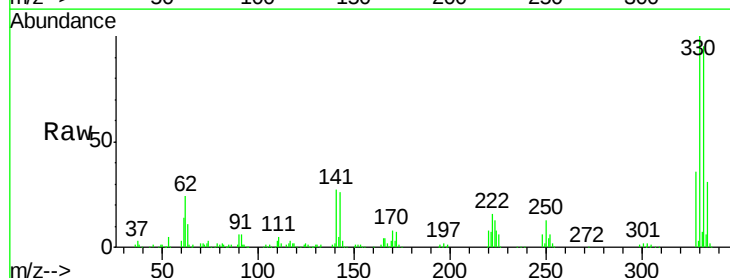
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#41
2,4,6-Tribromophenol
Concen: 104.63 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	38.2	0.0	0.0#





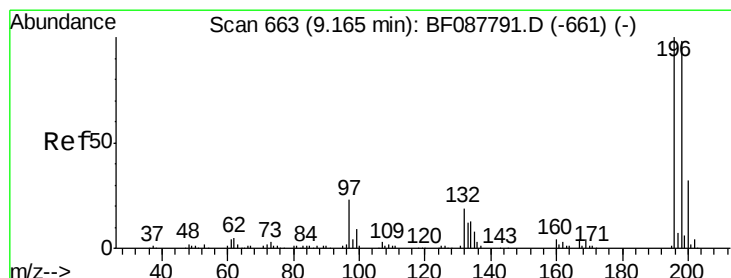
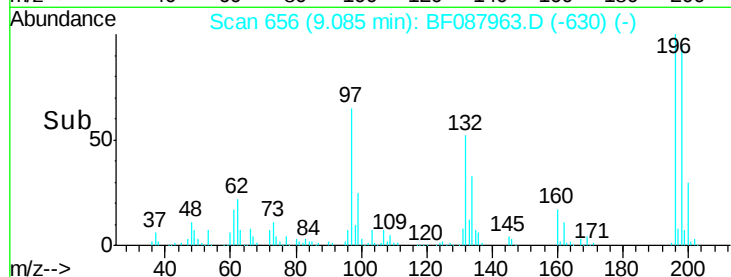
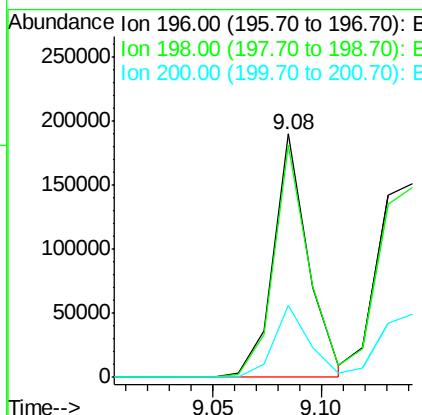
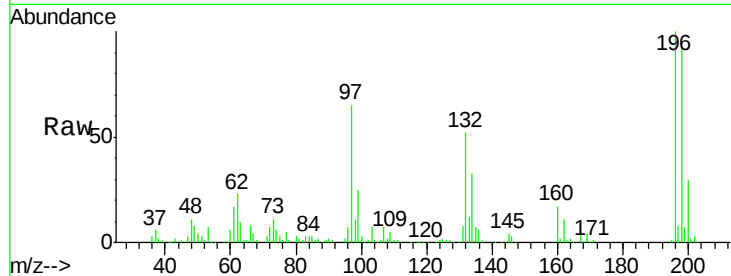
#42
2,4,6-Trichlorophenol
Concen: 44.79 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212282		
198	95.2	78.0	117.0	
200	29.8	25.4	38.2	

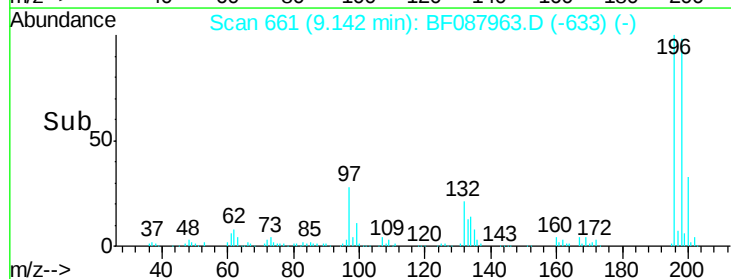
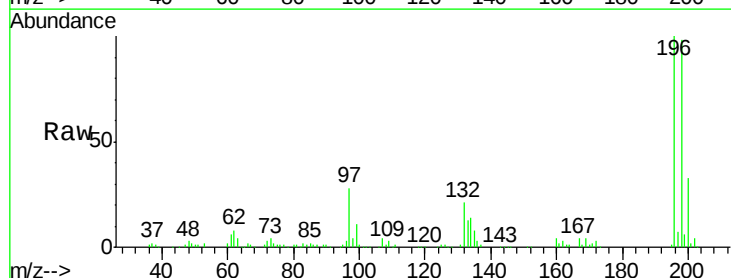
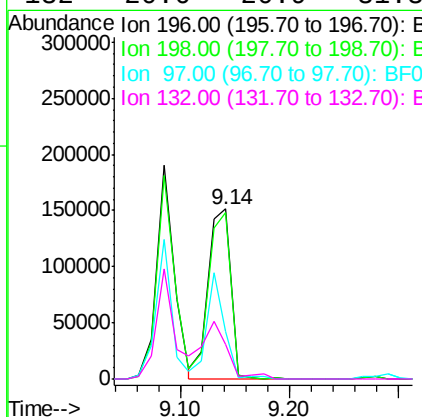
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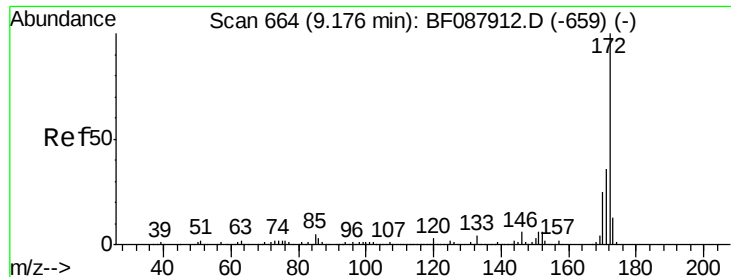
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#43
2,4,5-Trichlorophenol
Concen: 44.82 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.02 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220995		
198	98.1	77.5	116.3	
97	27.7	32.0	48.0#	
132	20.6	20.9	31.3#	





#44

2-Fluorobiphenyl

Concen: 84.88 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:172 Resp: 1280490

Ion Ratio Lower Upper

172 100

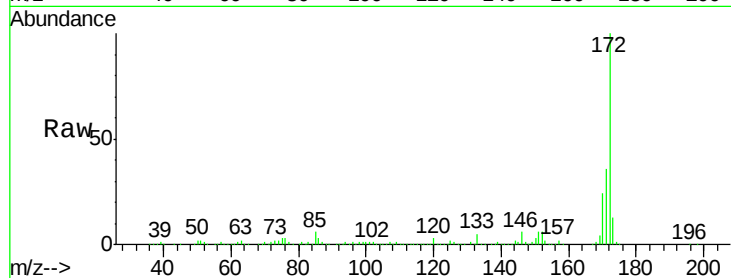
171 36.2 28.6 43.0

170 24.3 19.2 28.8

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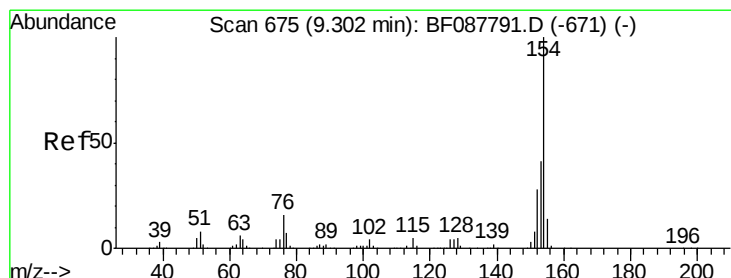
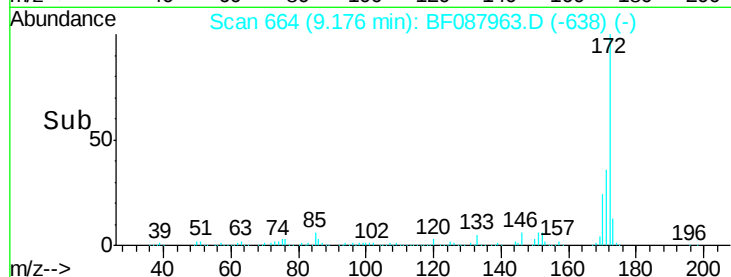
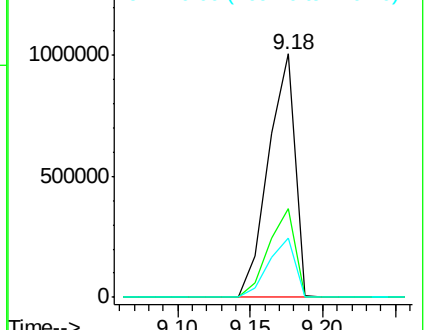
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 42.85 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

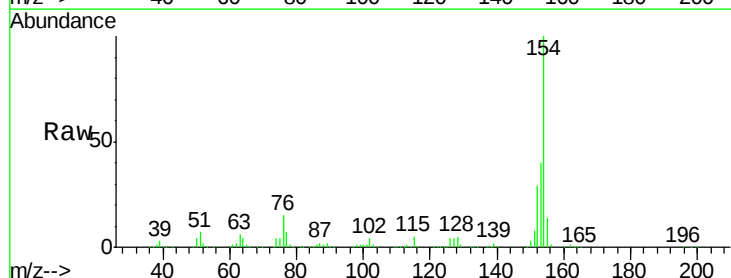
Tgt Ion:154 Resp: 767511

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

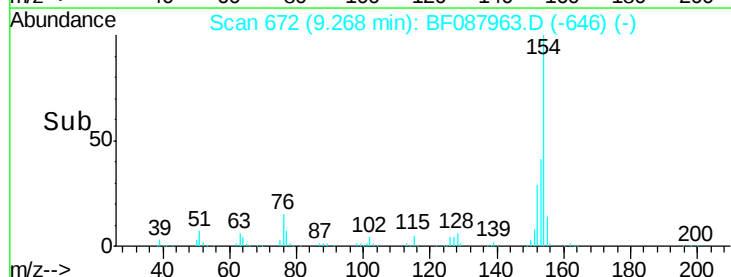
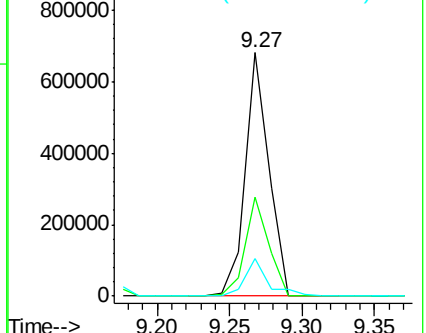
76 15.2 0.0 35.1

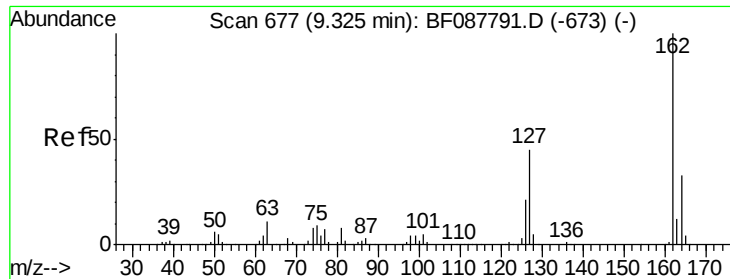


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





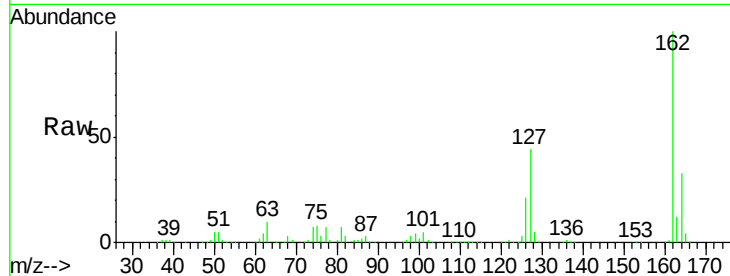
#46
 2-Chloronaphthalene
 Concen: 40.83 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

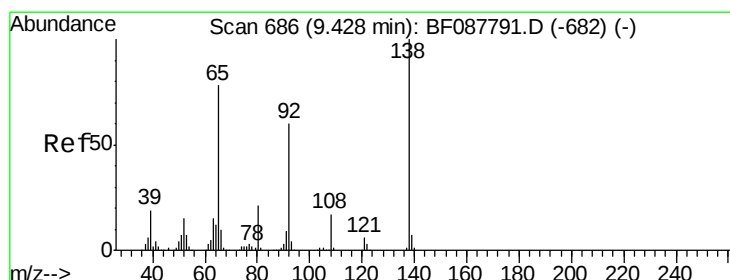
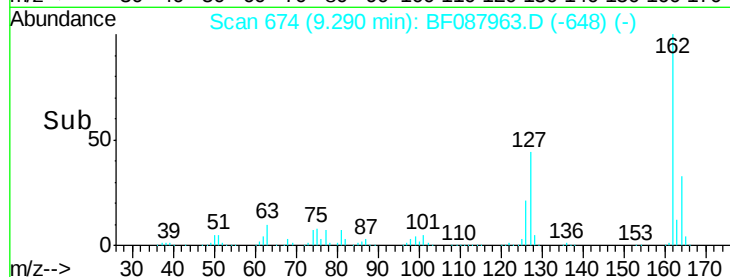
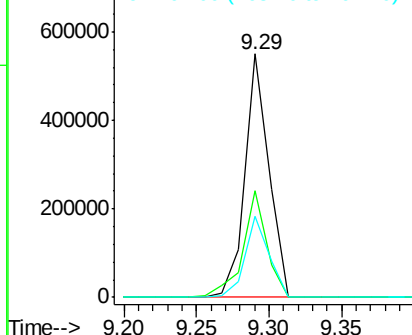
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.1	35.2	52.8	
164	33.4	26.6	39.8	

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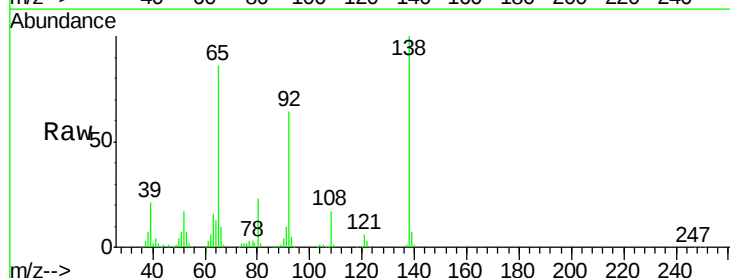


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

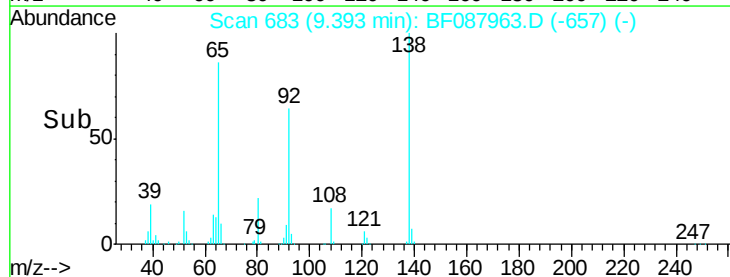
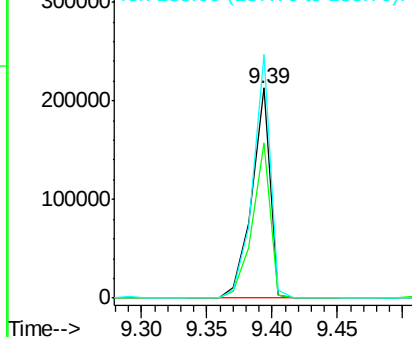


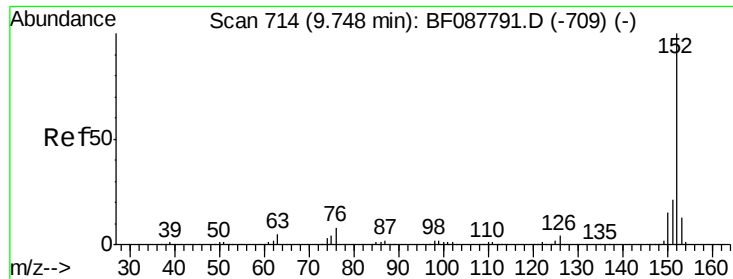
#47
 2-Nitroaniline
 Concen: 46.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.7	54.6	82.0	
138	115.9	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





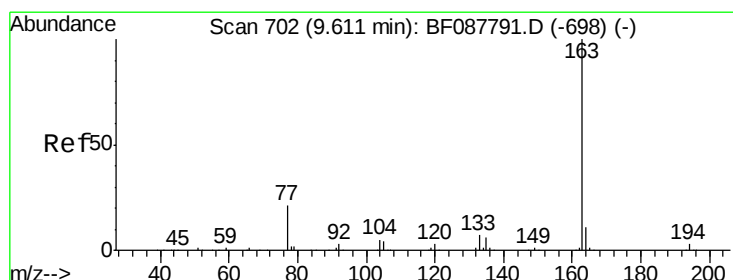
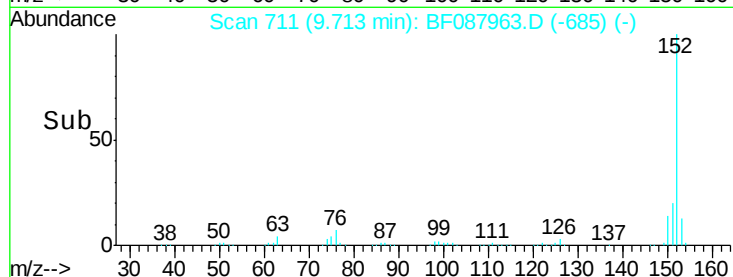
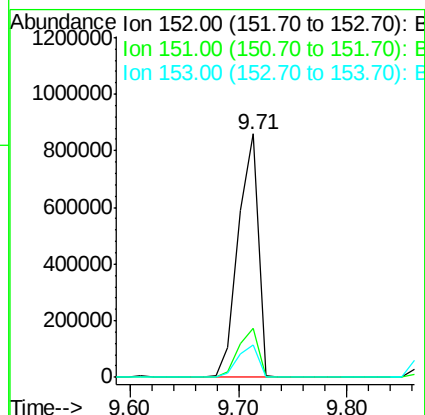
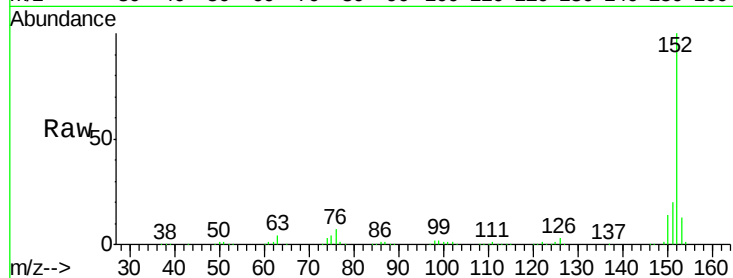
#48
Acenaphthylene
Concen: 44.15 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion:152 Resp: 1076863
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.1 11.0 16.6

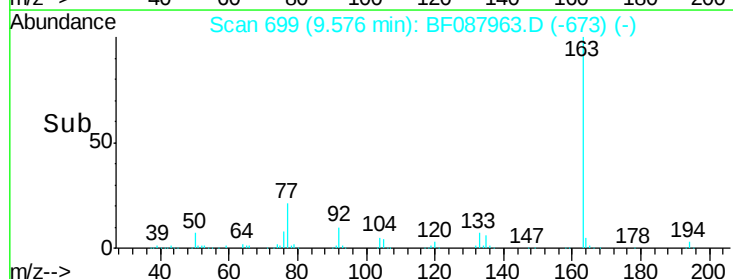
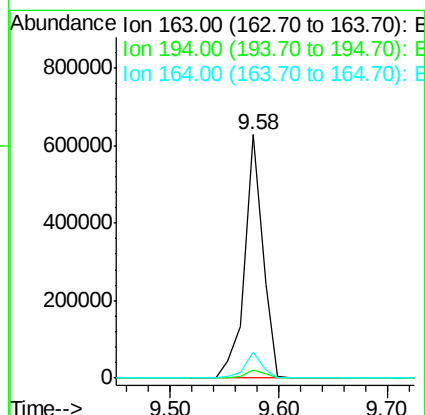
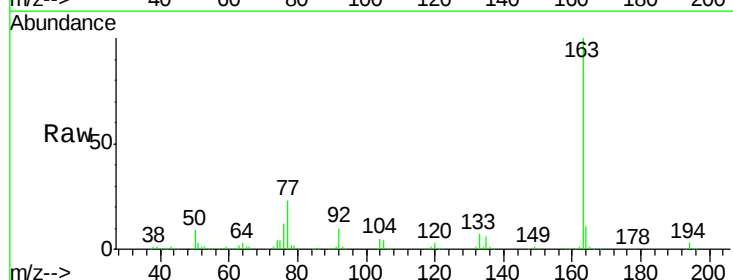
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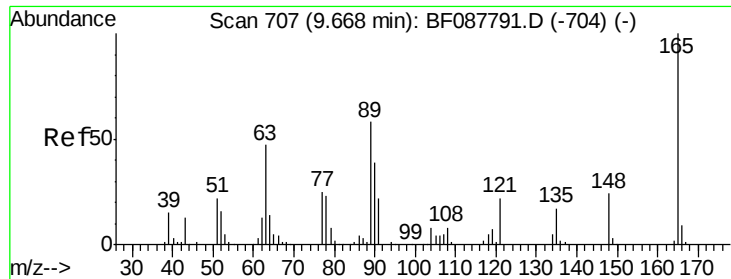
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#49
Dimethylphthalate
Concen: 42.19 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion:163 Resp: 724195
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 11.0 8.3 12.5





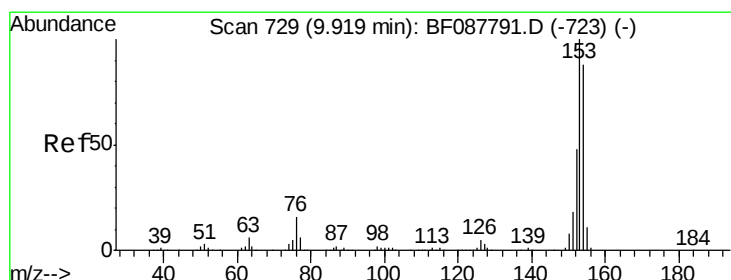
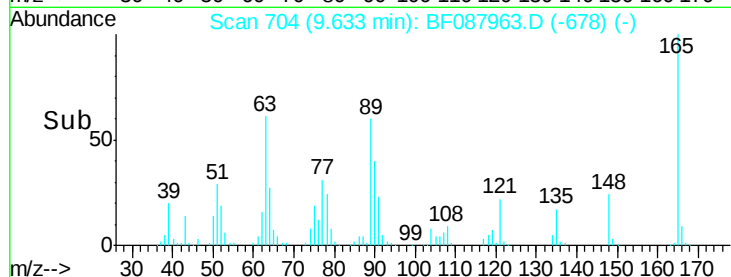
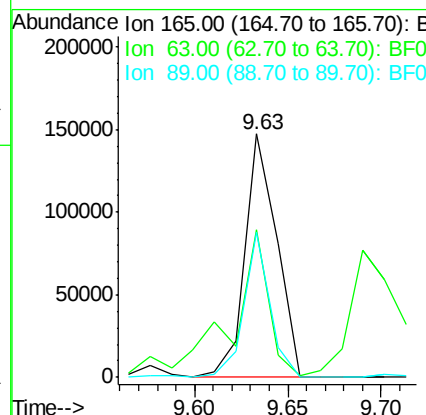
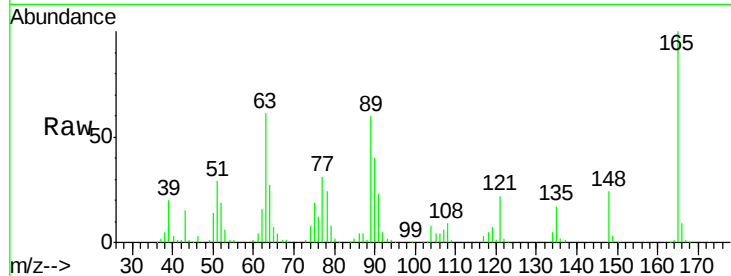
#50
 2,6-Dinitrotoluene
 Concen: 44.18 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	60.8	28.1	42.1#
89	59.6	32.2	48.2#

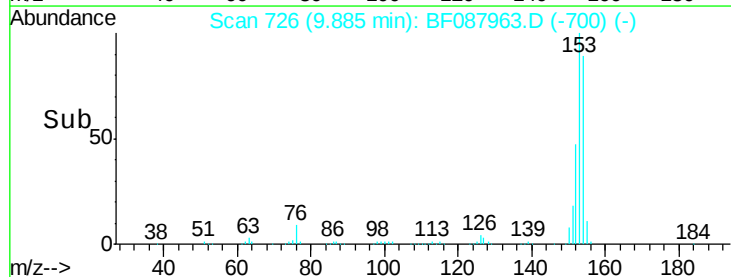
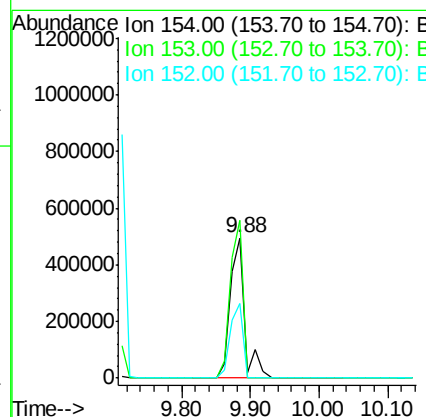
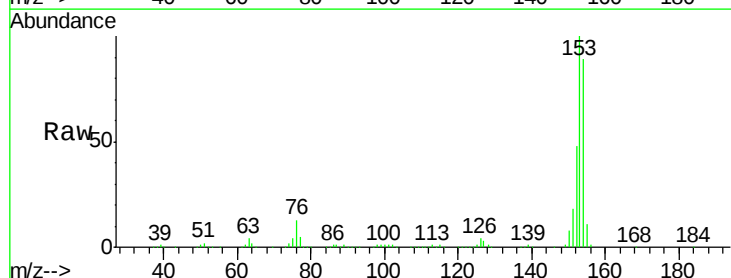
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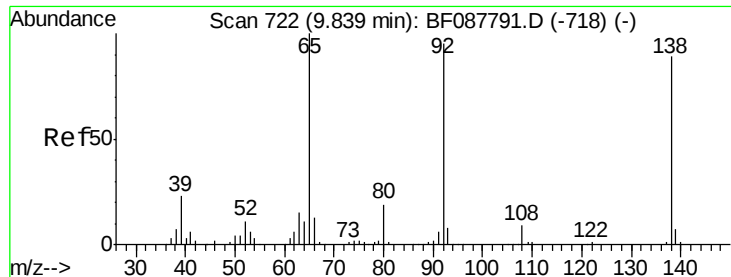
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#51
 Acenaphthene
 Concen: 48.98 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.4	42.7	64.1





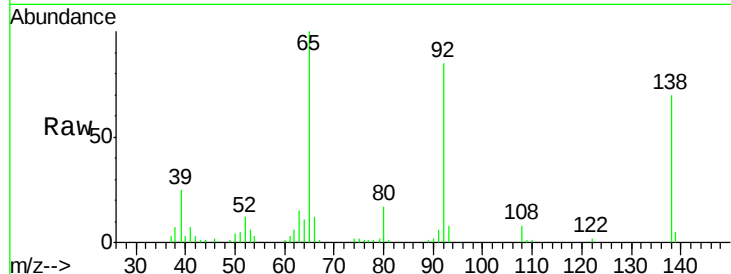
#52
3-Nitroaniline
Concen: 7.94 ng
RT: 9.79 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

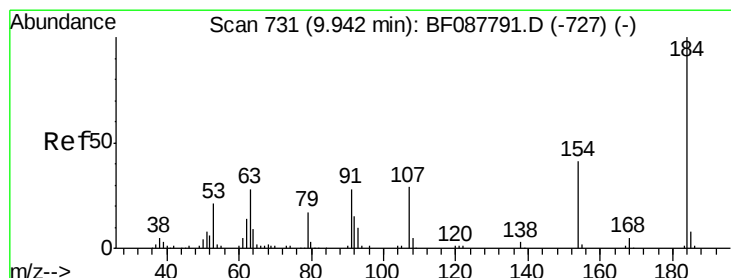
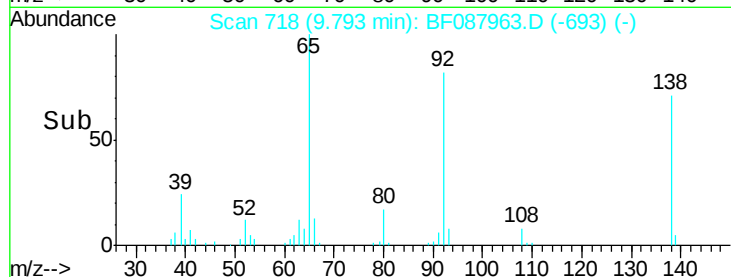
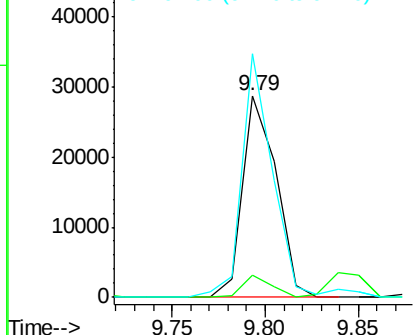
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.5	12.7
92	120.9	95.7	143.5

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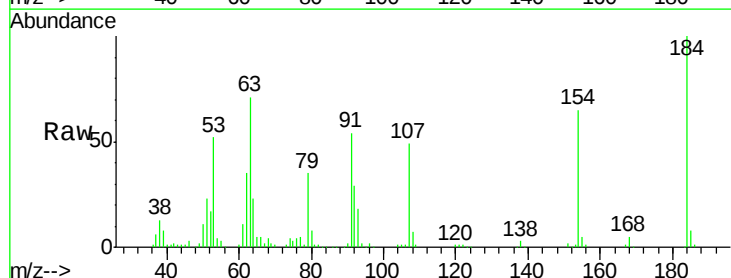


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

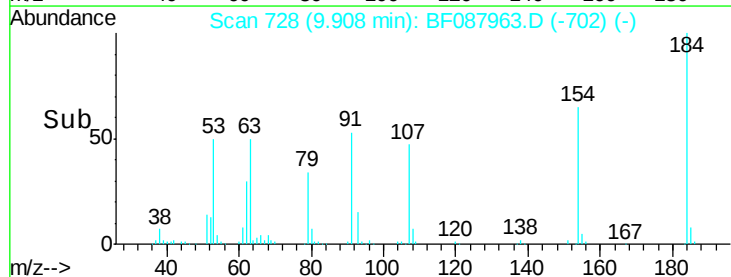
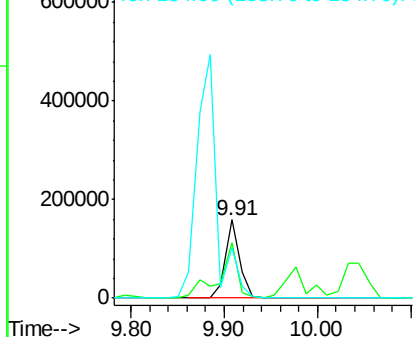


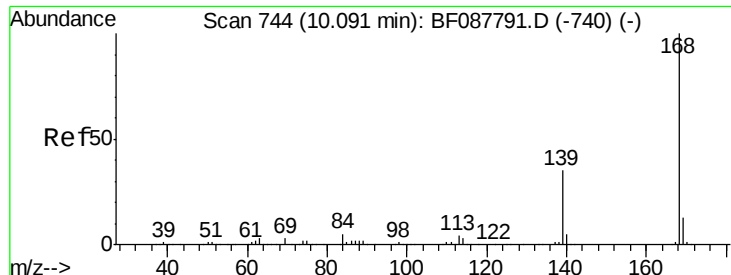
#53
2,4-Dinitrophenol
Concen: 80.14 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.2	57.6	86.4
154	64.8	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





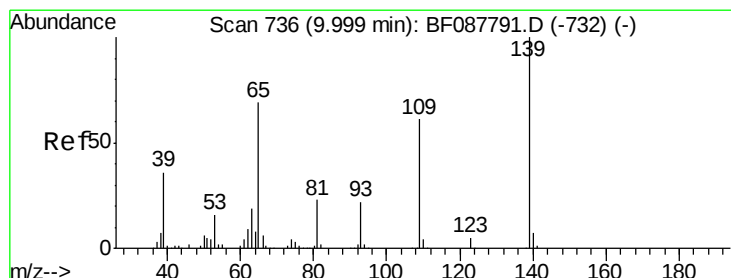
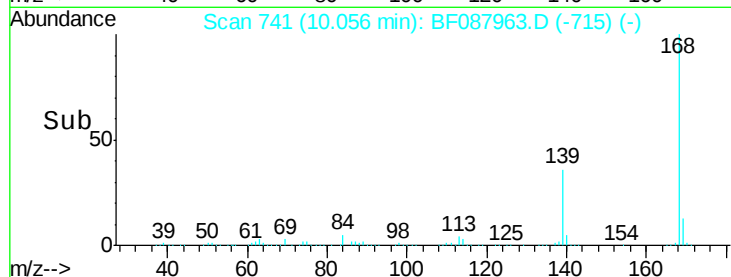
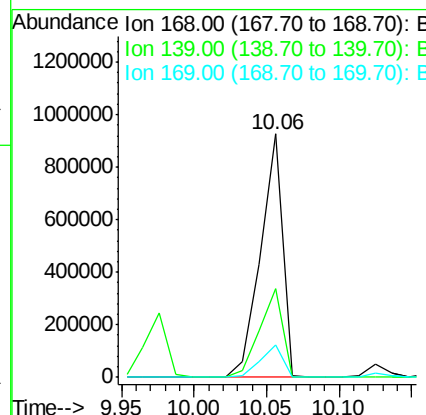
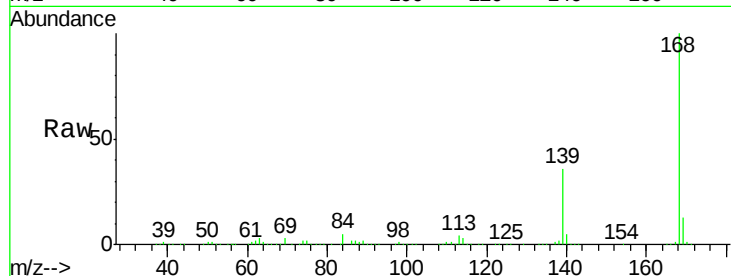
#54
Dibenzenofuran
Concen: 46.70 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	26.4	39.6
169	13.4	10.4	15.6

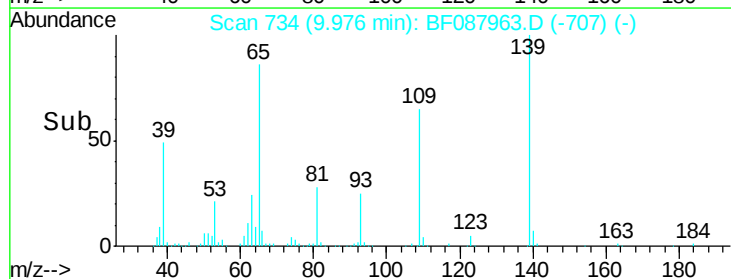
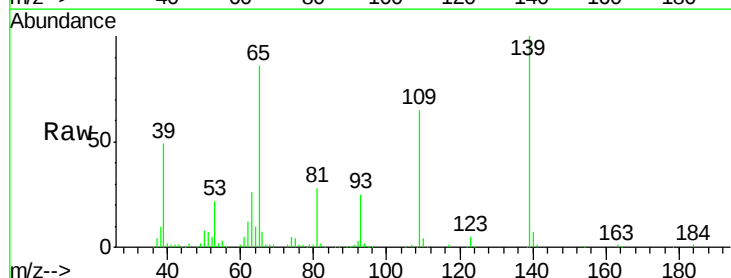
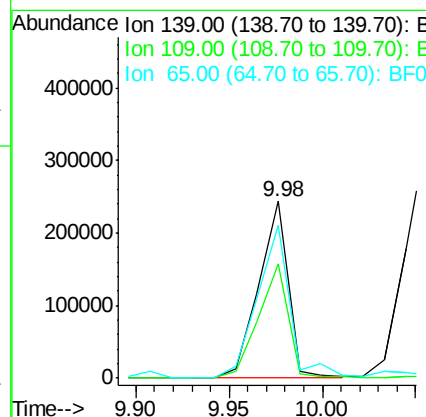
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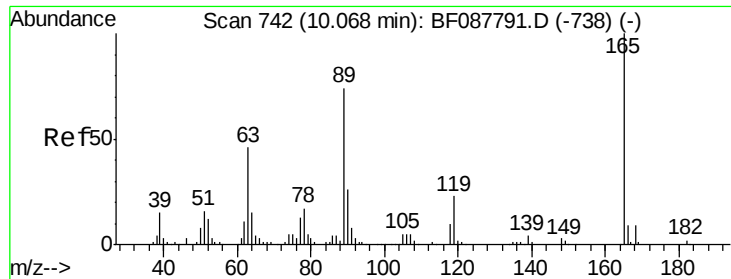
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#55
4-Nitrophenol
Concen: 75.38 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.0	48.9	88.9
65	86.3	84.9	124.9





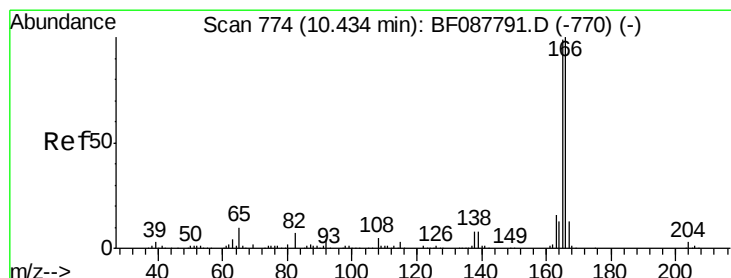
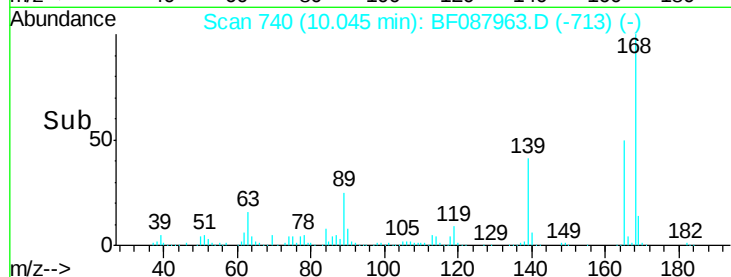
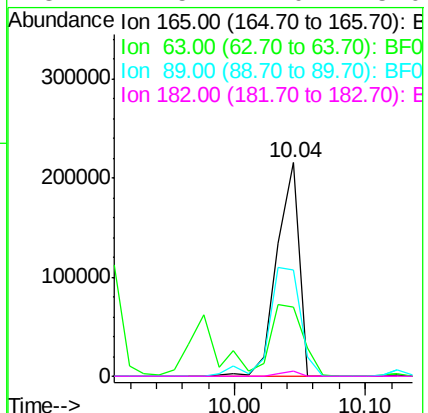
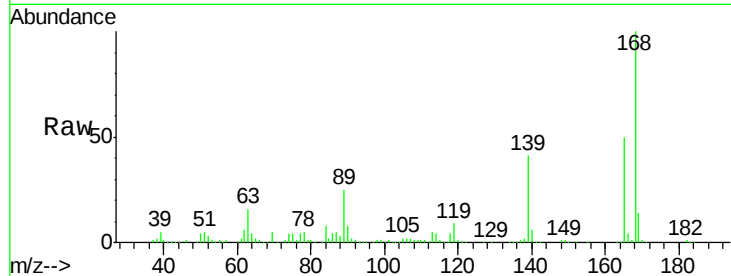
#56
2,4-Dinitrotoluene
Concen: 50.95 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		257403		
63	32.4	22.0	33.0		
89	49.6	41.1	61.7		
182	2.5	2.0	3.0		

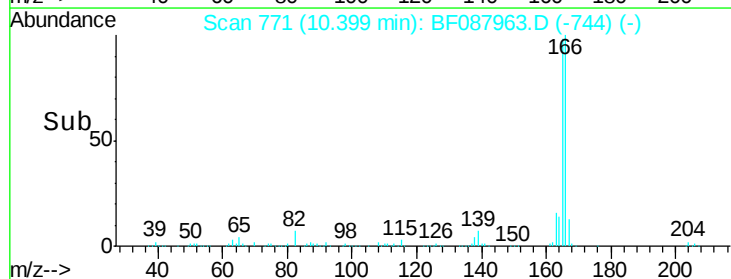
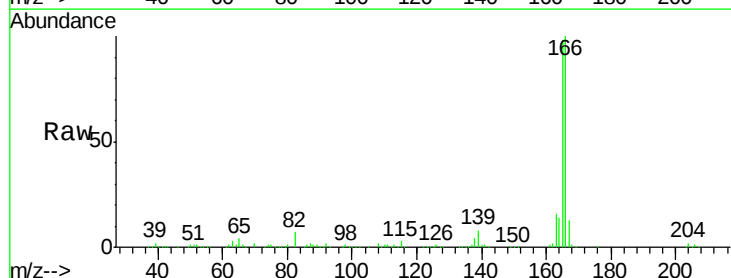
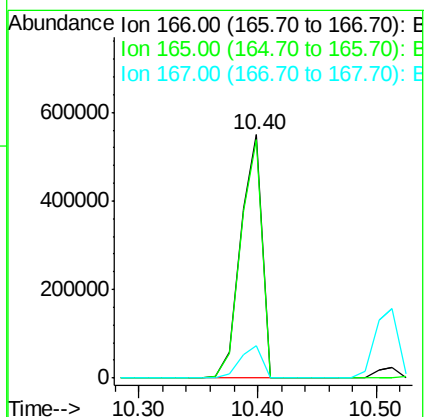
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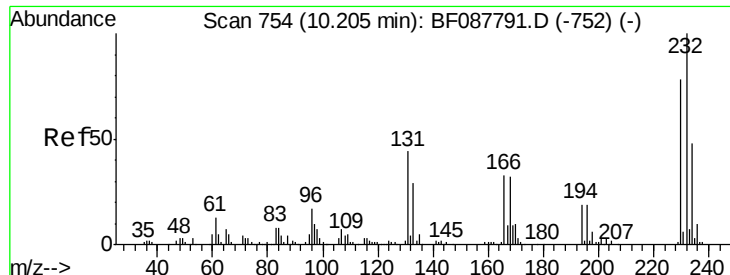
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#57
Fluorene
Concen: 48.71 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		684115		
165	97.8	77.8	116.8		
167	13.1	11.2	16.8		





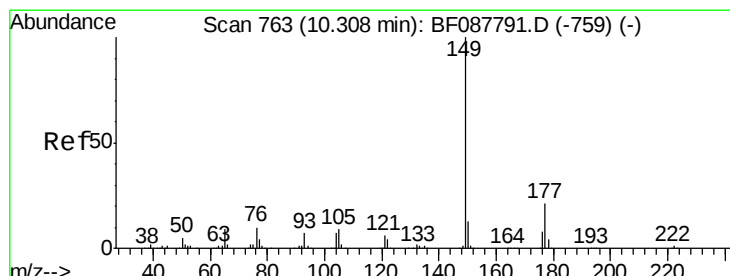
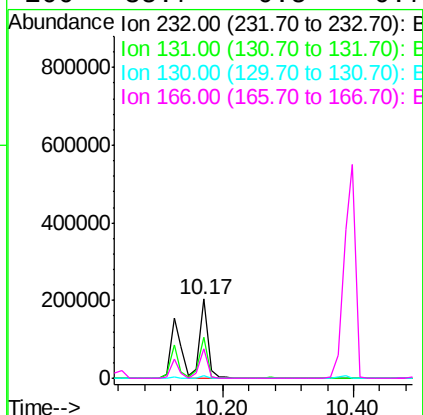
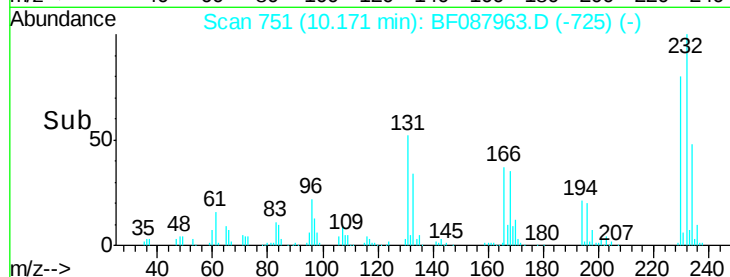
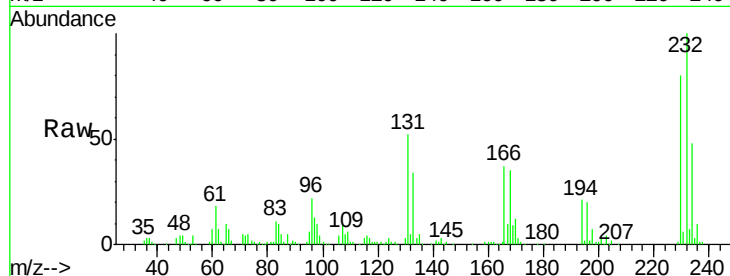
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.64 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	176823		
131	52.6	0.9	1.3#	
130	2.6	1.5	2.3#	
166	35.7	0.5	0.7#	

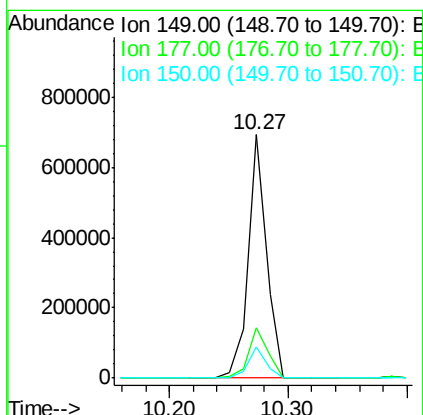
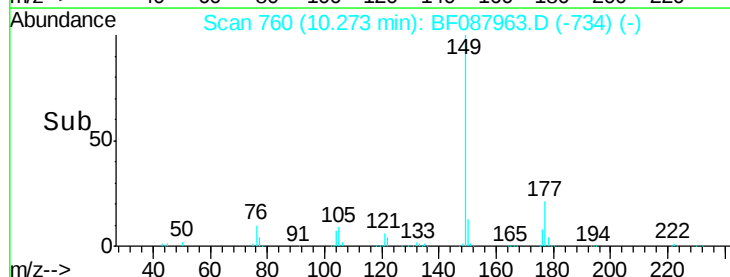
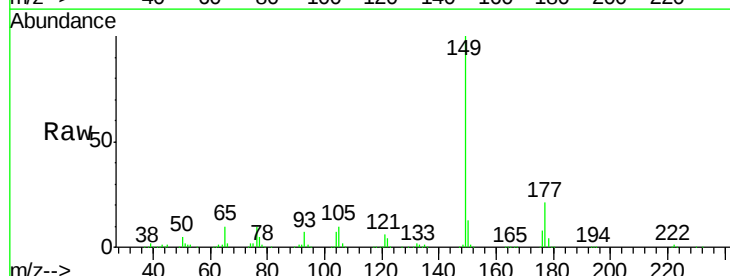
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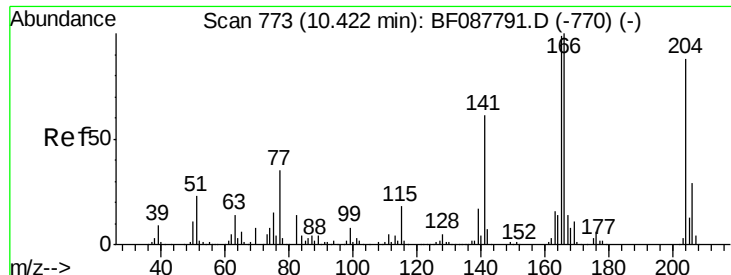
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#59
 Diethylphthalate
 Concen: 43.08 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	748586		
177	20.6	16.9	25.3	
150	12.9	10.1	15.1	





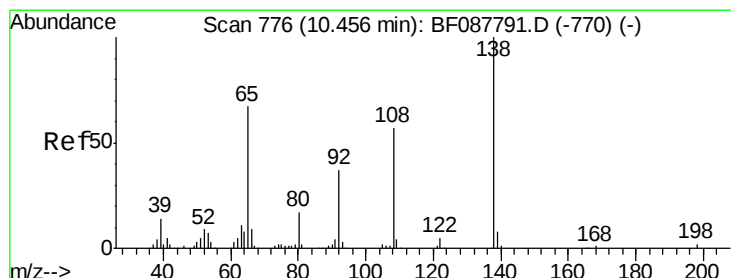
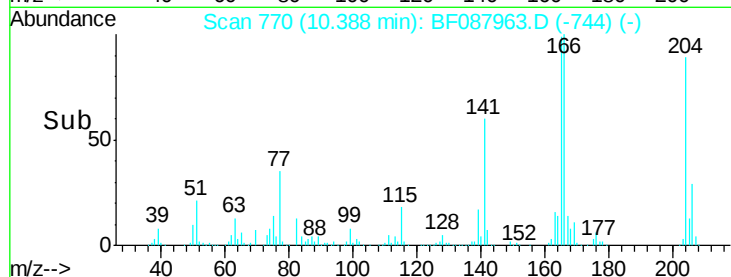
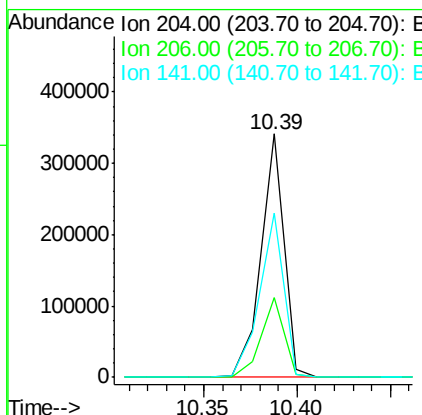
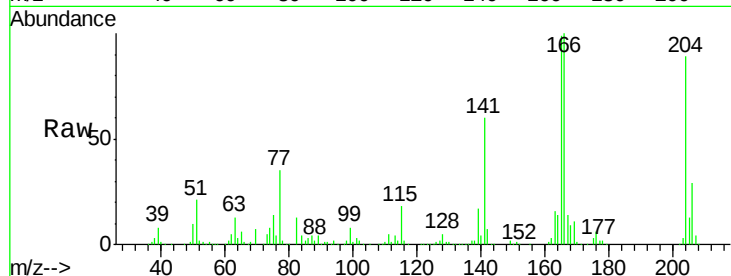
#60
 4-Chlorophenyl-phenylether
 Concen: 41.47 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Tot Ion:	204	Resp:	288981
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.3	39.5
141	67.5	55.0	82.6

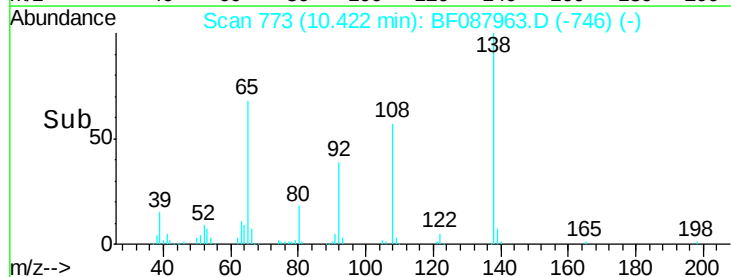
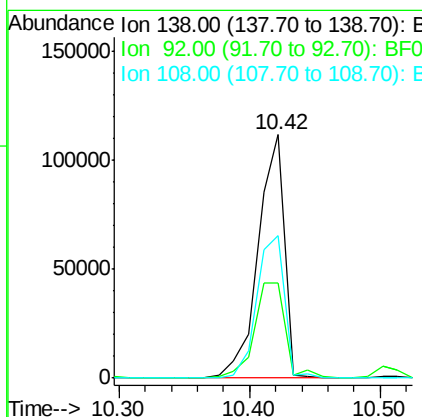
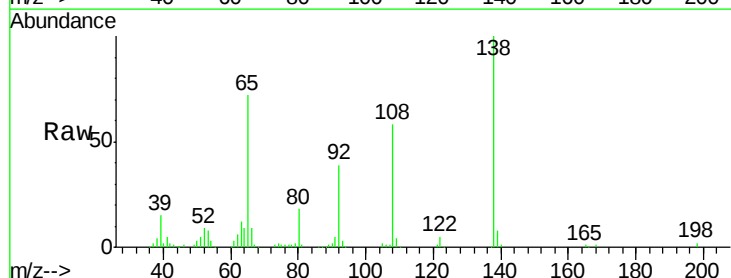
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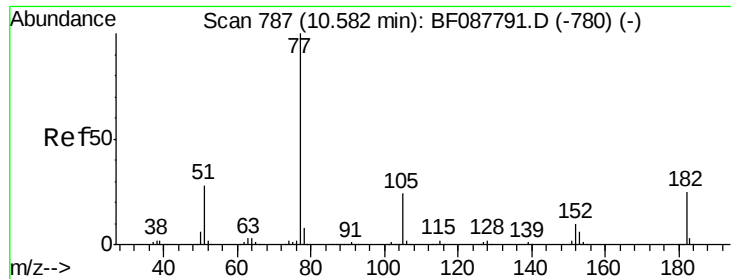
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#61
 4-Nitroaniline
 Concen: 36.44 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion:	138	Resp:	156778
Ion Ratio	Lower	Upper	
138	100		
92	39.3	27.3	67.3
108	58.3	46.7	86.7





#62

Azobenzene

Concen: 45.47 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

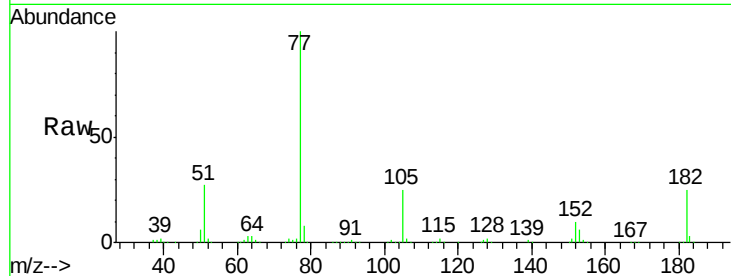
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		781273		
182	24.8	4.4	44.4		
105	24.5	3.8	43.8		
51	26.7	9.3	49.3		

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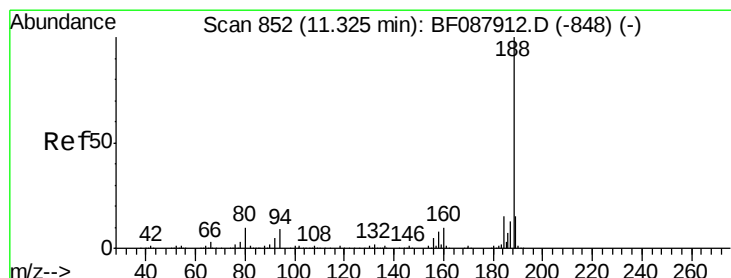
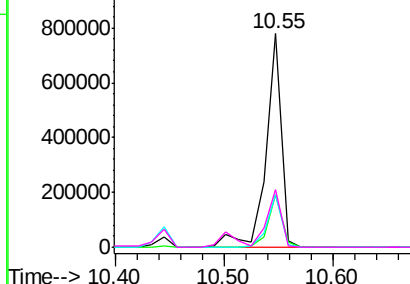
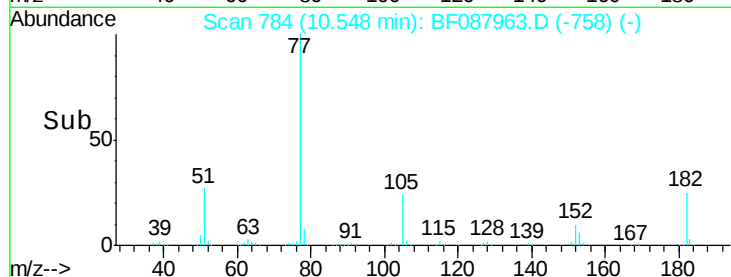


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

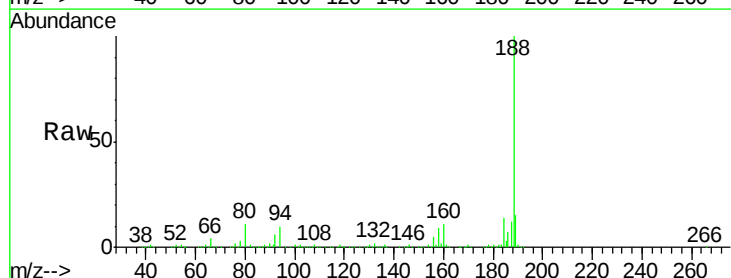
RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

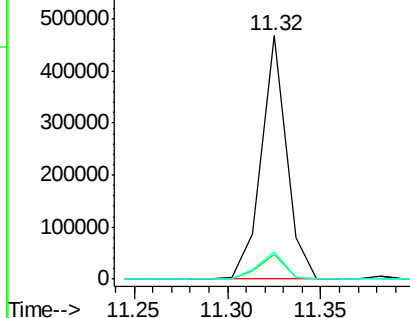
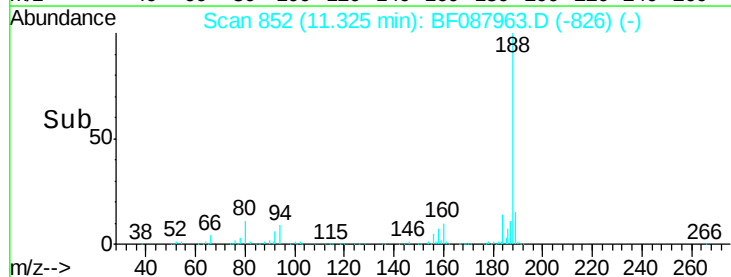
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		437067		
94	10.3	9.0	13.6		
80	11.1	10.0	15.0		

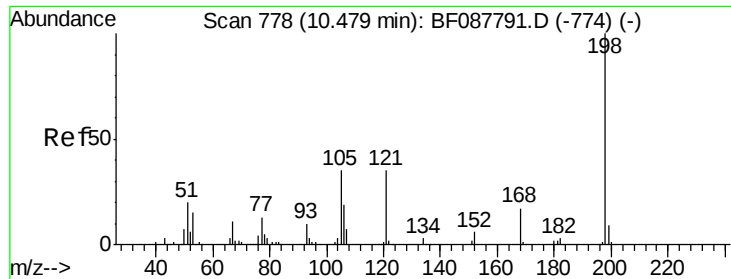


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 45.82 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:198 Resp: 124734

Ion Ratio Lower Upper

198 100

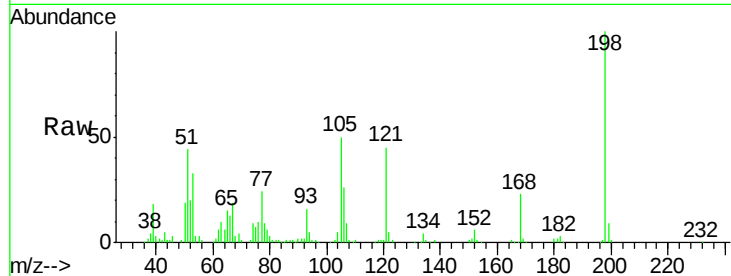
51 44.0 39.6 79.6

105 49.7 36.6 76.6

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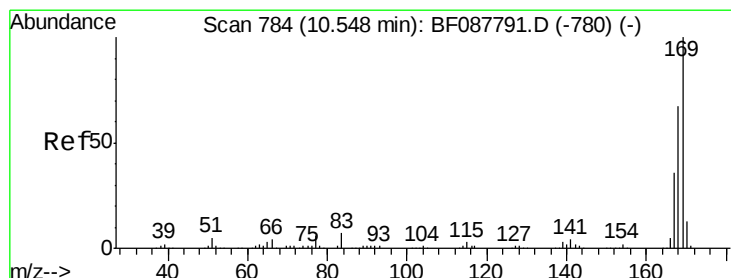
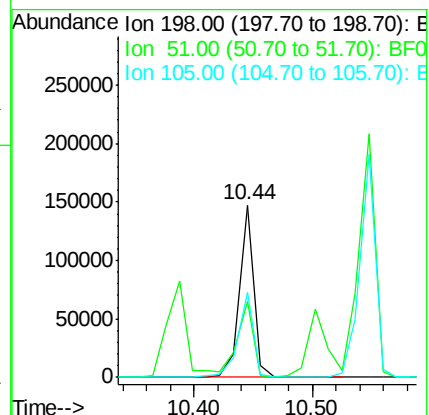
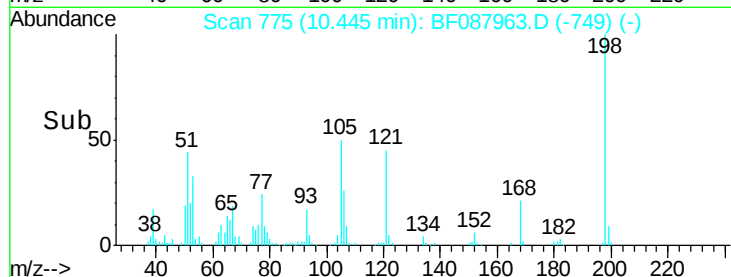
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 39.48 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

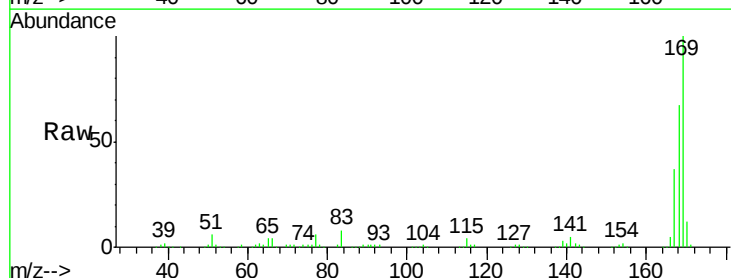
Tgt Ion:169 Resp: 572591

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

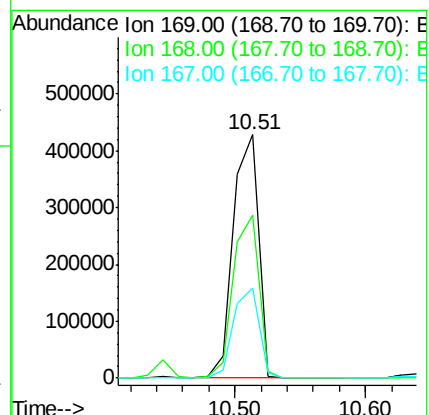
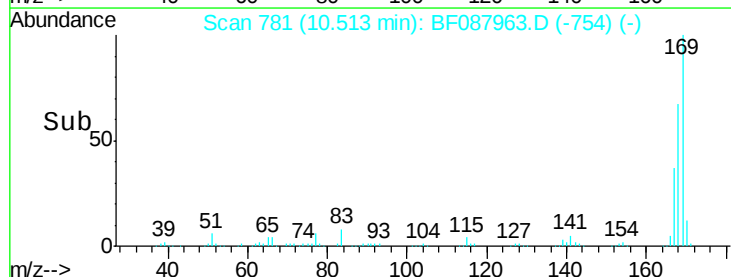
167 36.7 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





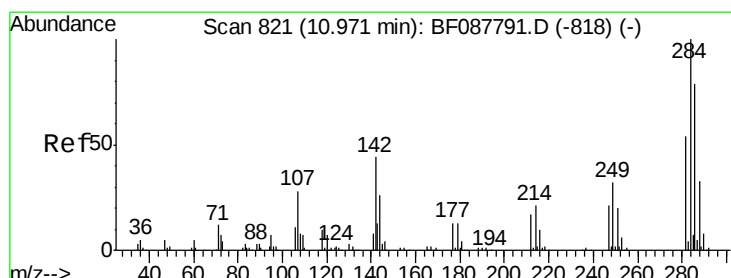
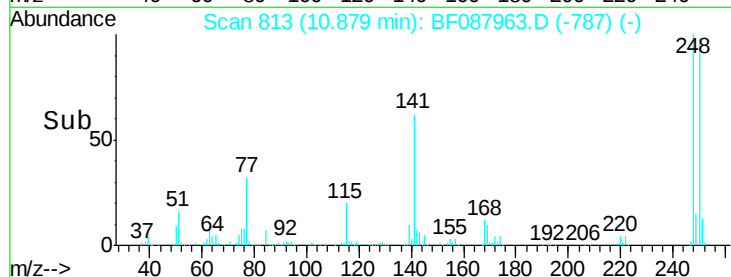
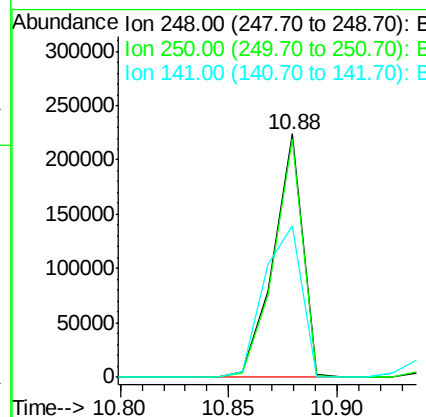
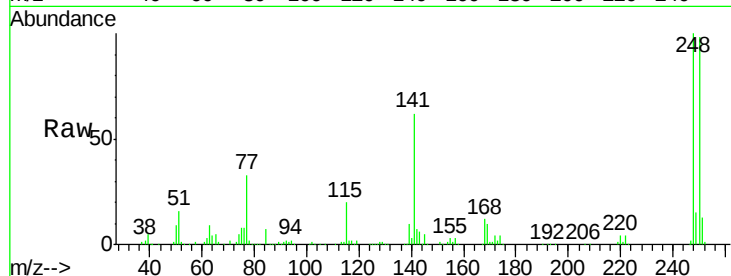
#66
4-Bromophenyl-phenylether
Concen: 45.32 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.1	115.7
141	62.1	50.6	76.0

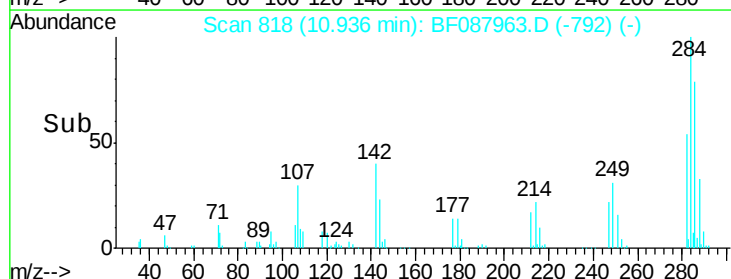
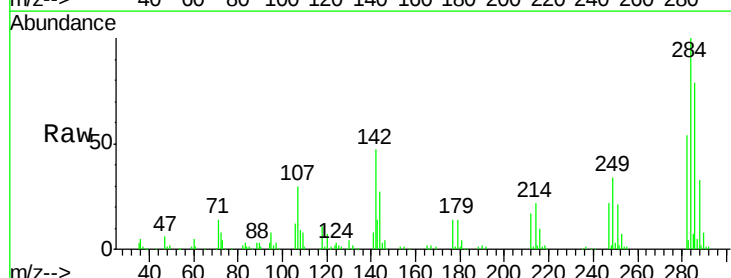
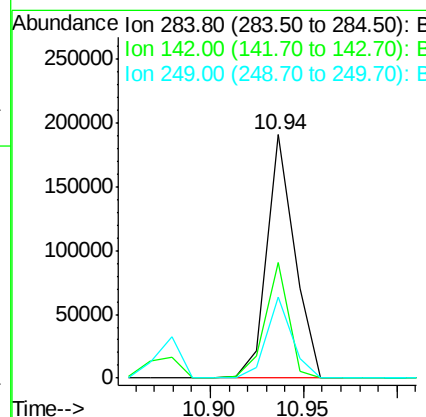
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#67
Hexachlorobenzene
Concen: 39.98 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	47.5	35.8	53.8
249	33.5	25.8	38.6





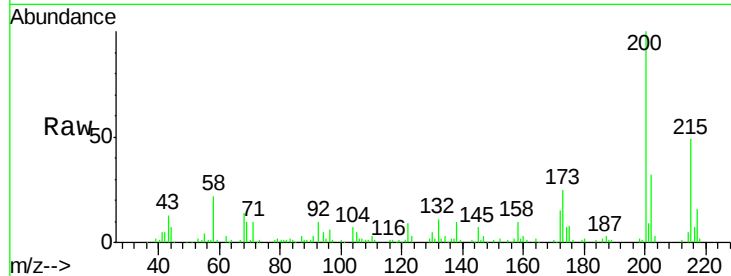
#68
Atrazine
Concen: 22.92 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

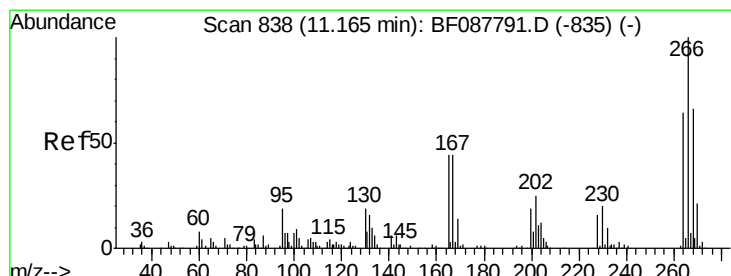
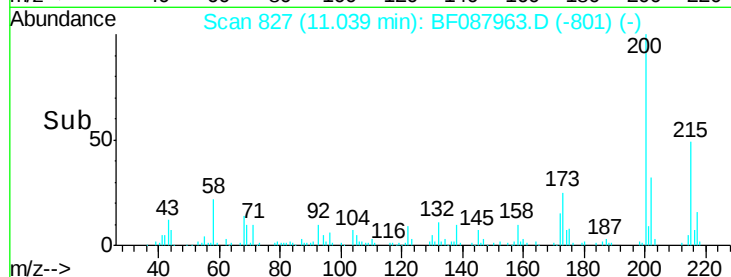
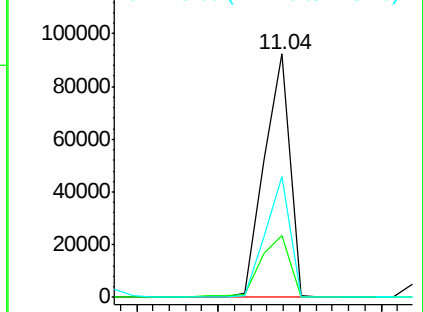
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.2	4.0	44.0
215	49.4	29.3	69.3

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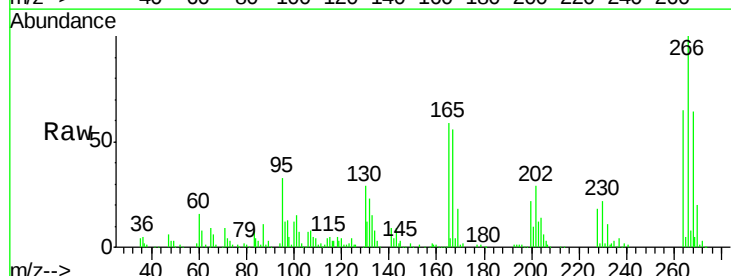


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

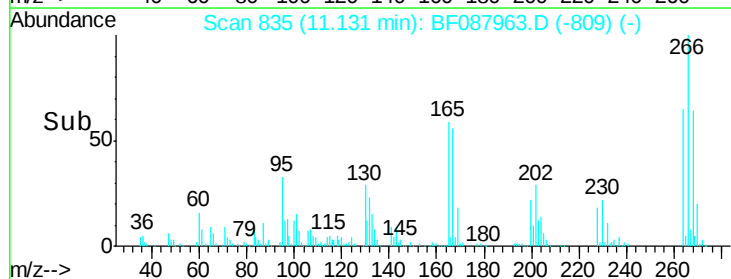
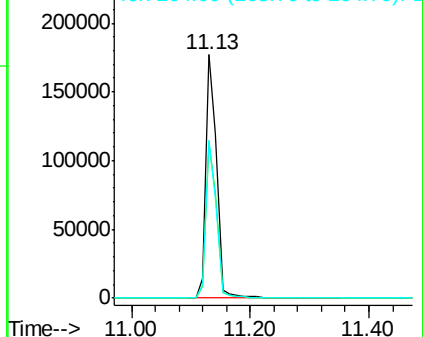


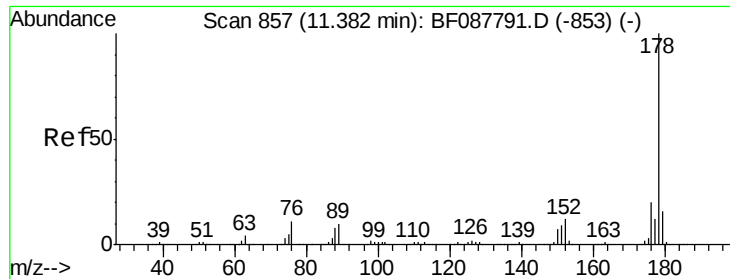
#69
Pentachlorophenol
Concen: 88.21 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	52.8	79.2
264	65.0	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





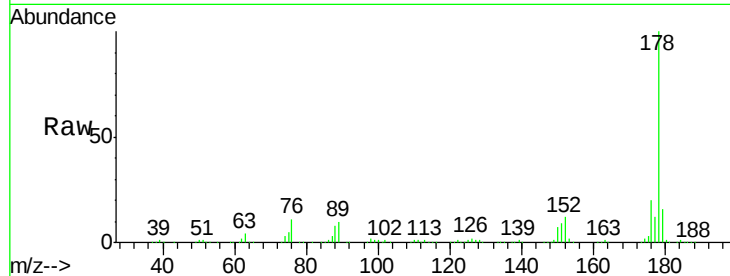
#70
Phenanthrene
Concen: 41.74 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

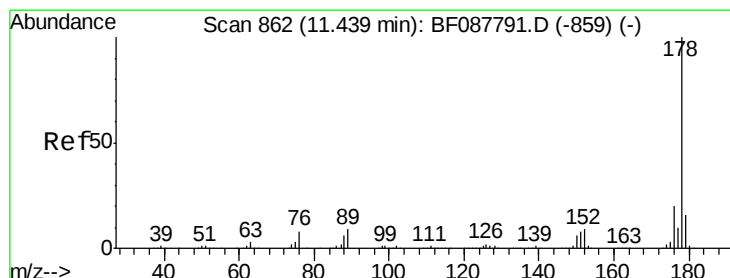
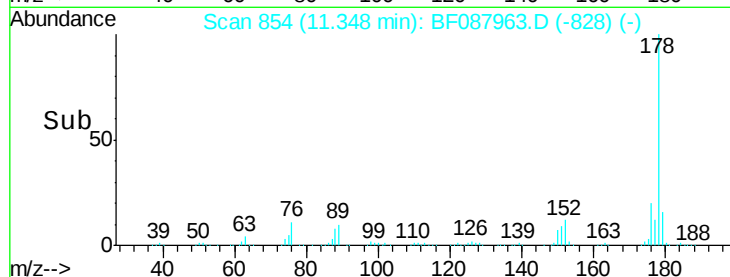
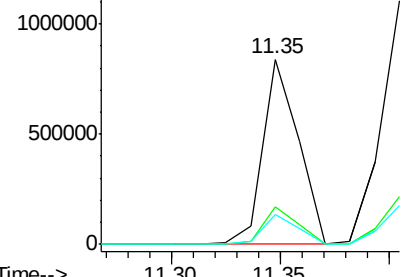
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.6
179	16.3	13.0	19.4

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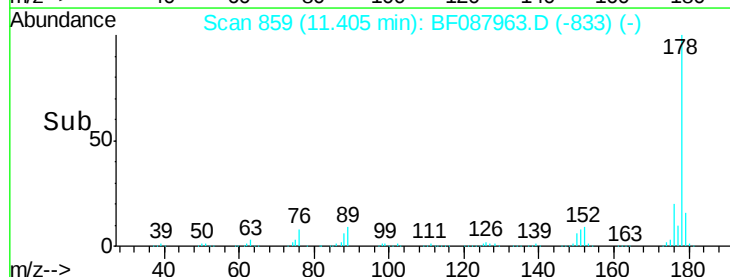
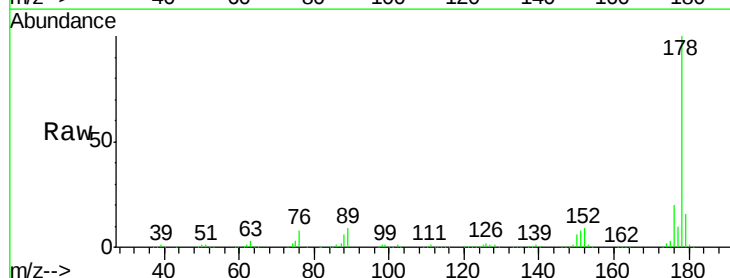
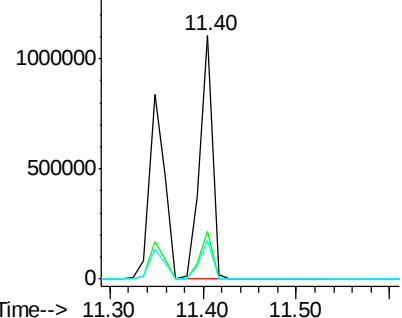
Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

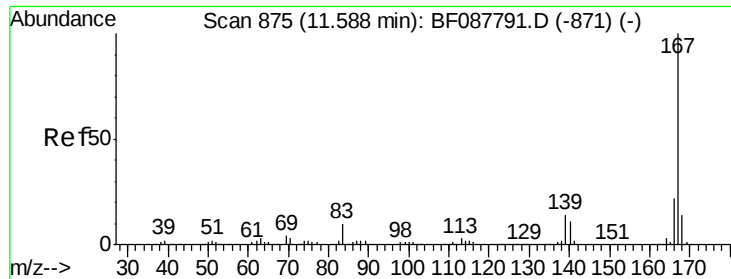


#71
Anthracene
Concen: 45.04 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.9	12.8	19.2

Abundance Ion 178.00 (177.70 to 178.70): E
1500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.94 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

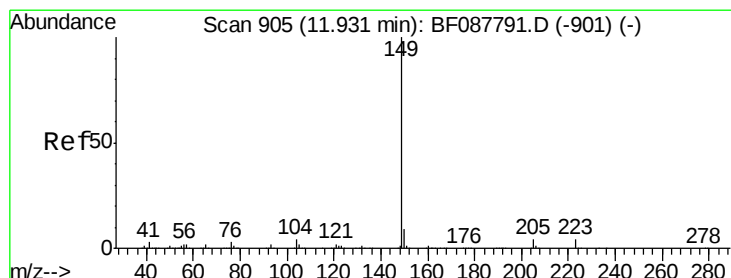
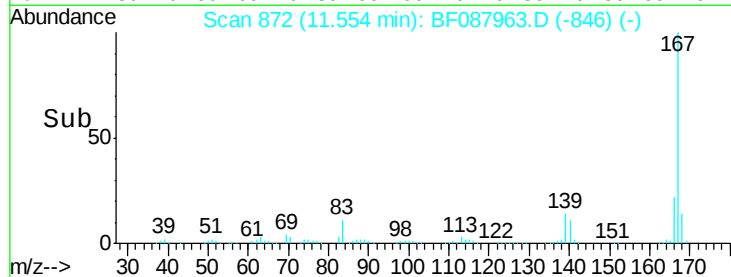
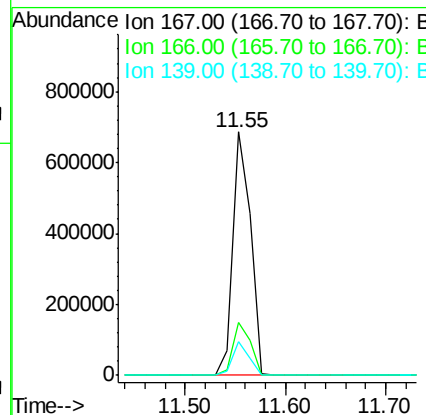
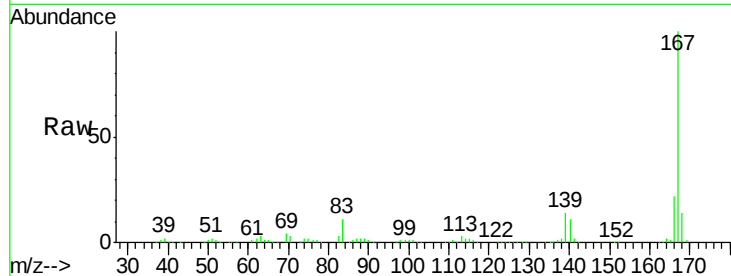
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:	167	Resp:	843041
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.8	26.6
139	14.0	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 43.16 ng

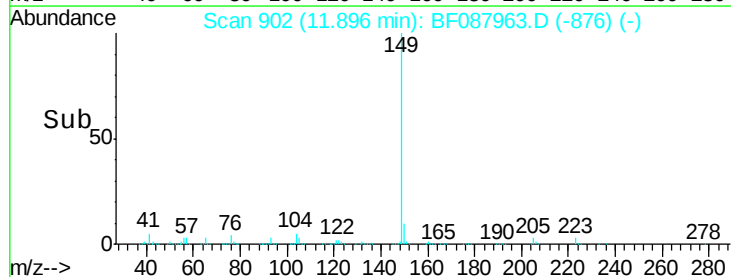
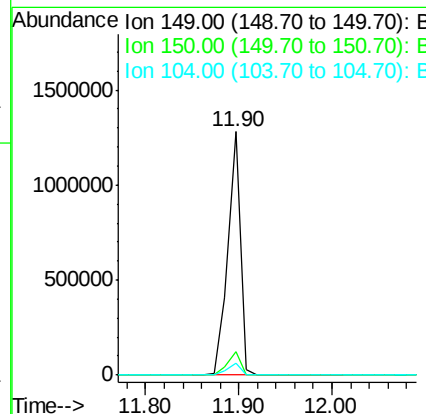
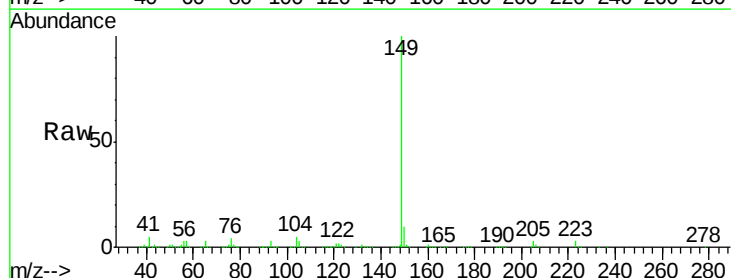
RT: 11.90 min Scan# 902

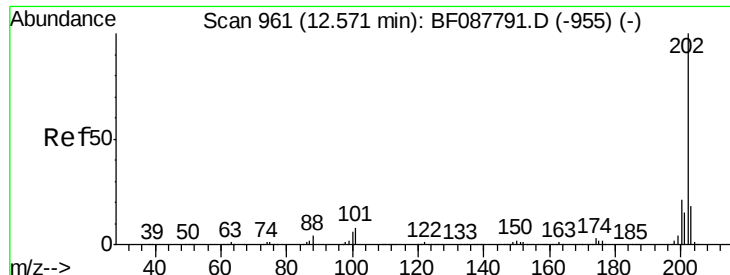
Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:	149	Resp:	1182925
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.7	4.0	6.0





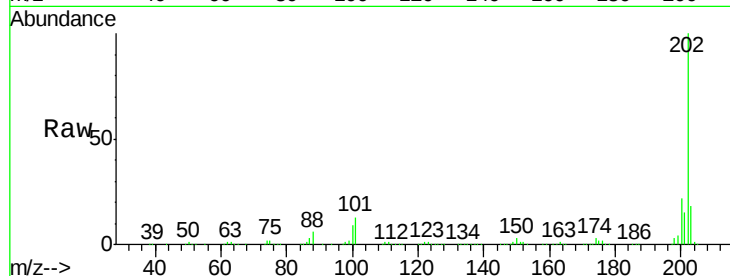
#74
Fluoranthene
 Concen: 41.88 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

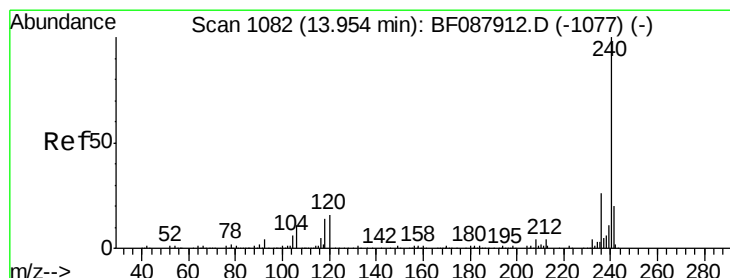
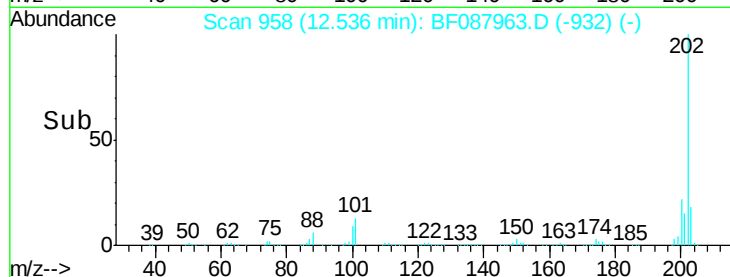
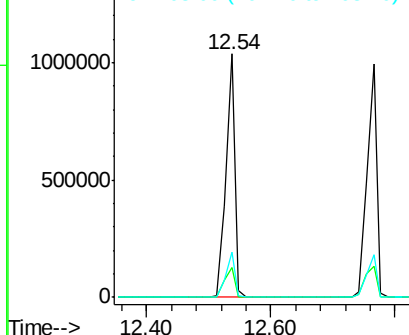
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.1
203	18.3	0.0	38.1

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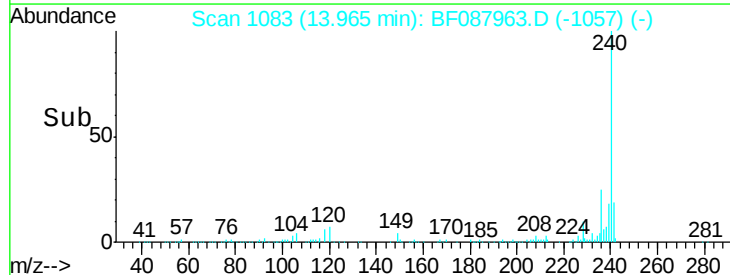
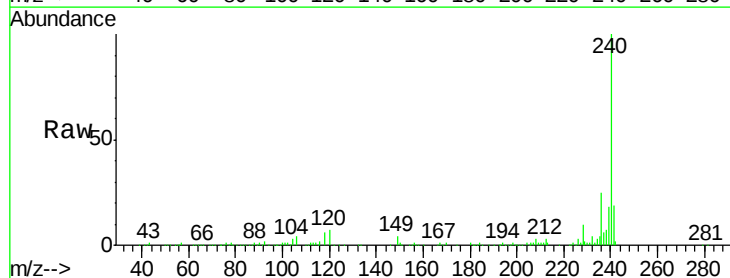
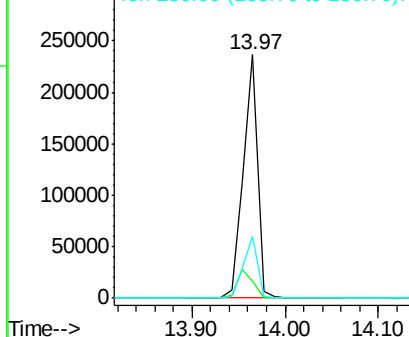
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

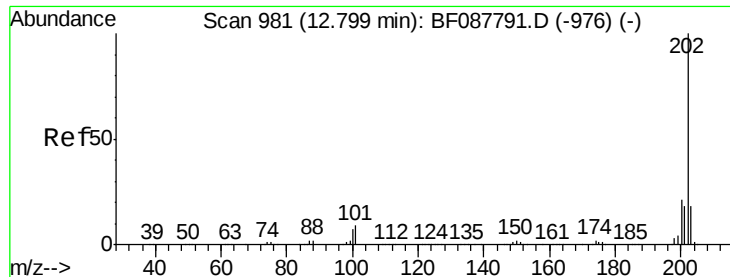


#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	25.3	20.2	30.2

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





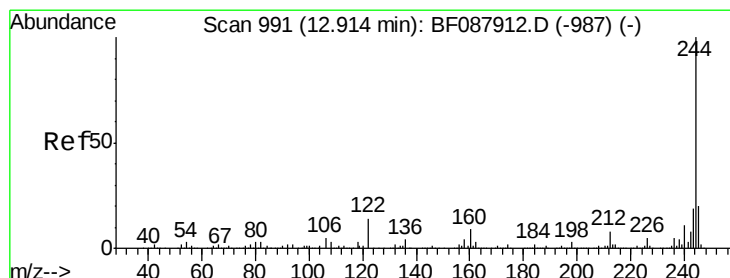
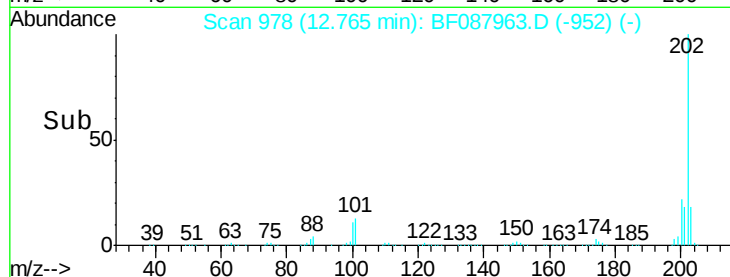
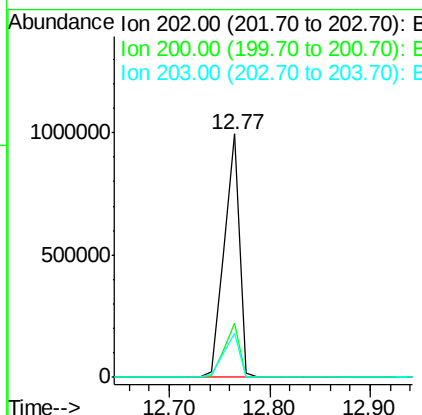
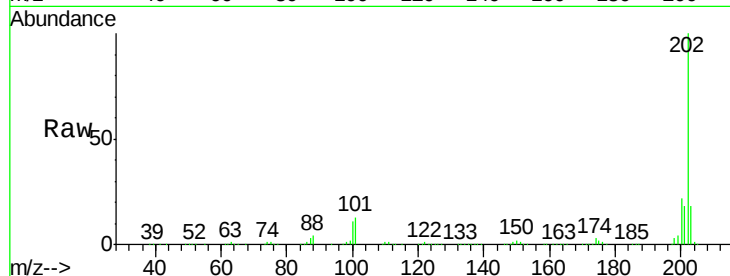
#77
Pvrene
Concen: 56.15 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	18.0	14.5	21.7

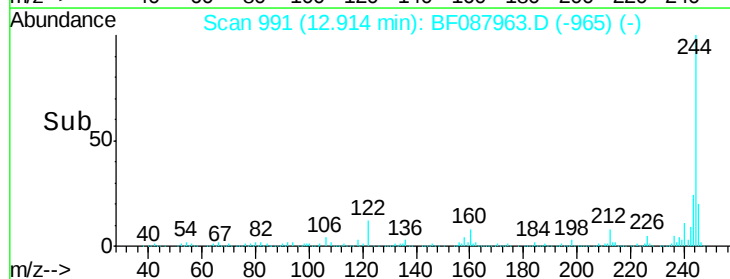
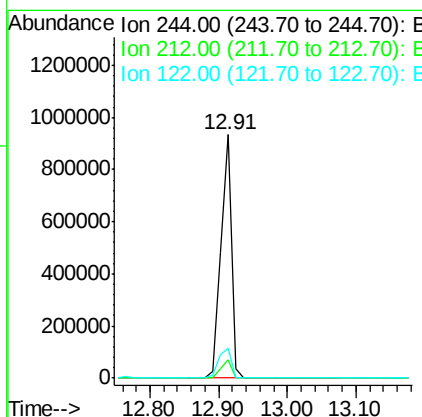
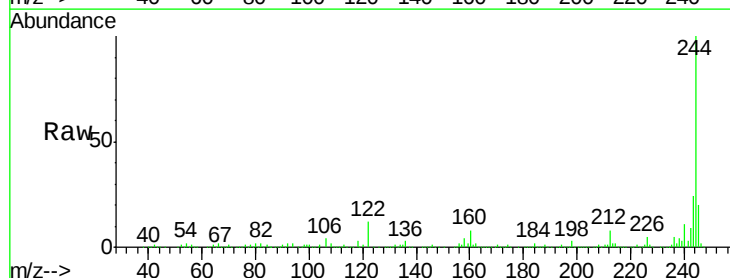
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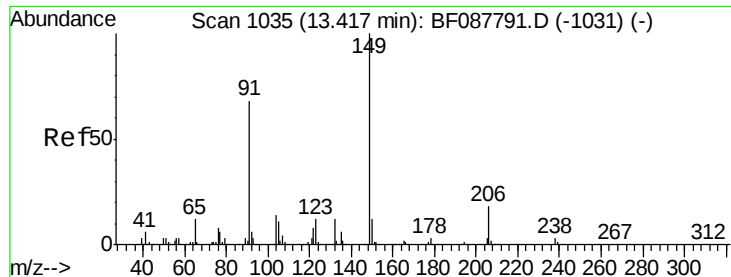
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#78
Terphenyl-d14
Concen: 91.96 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.3	11.2	16.8





#79

Butylbenzylphthalate

Concen: 62.34 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

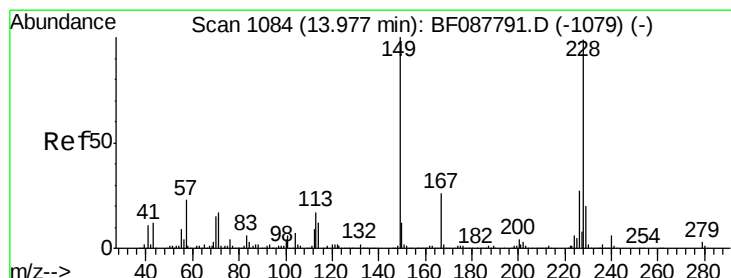
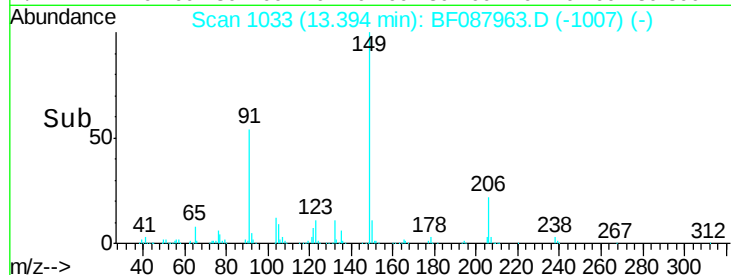
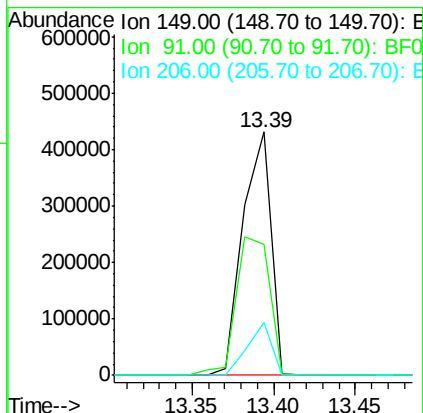
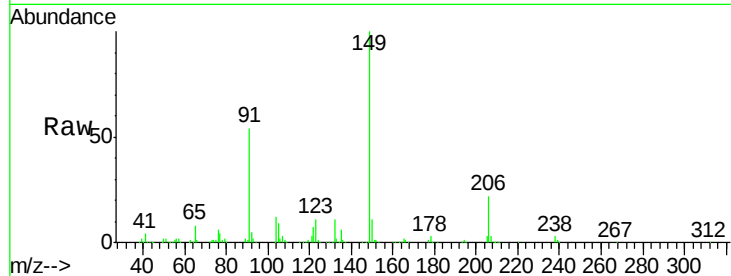
ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:	149	Resp:	516139
Ion Ratio	Lower	Upper	
149	100		
91	53.8	48.0	72.0
206	21.7	16.0	24.0

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 48.79 ng

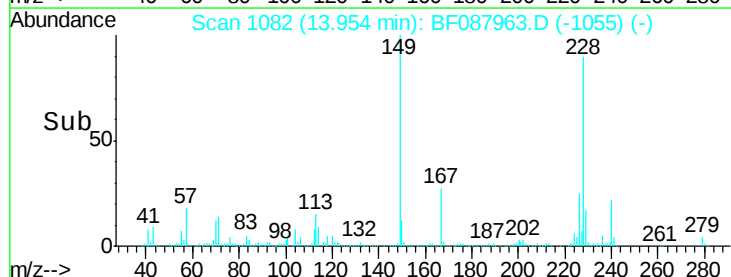
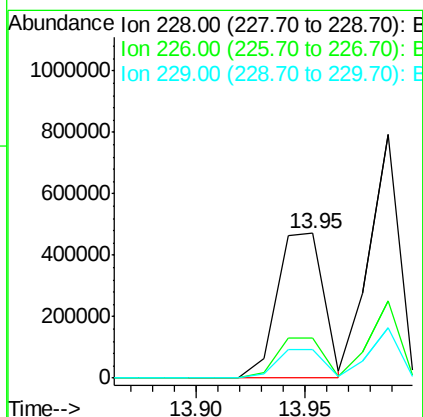
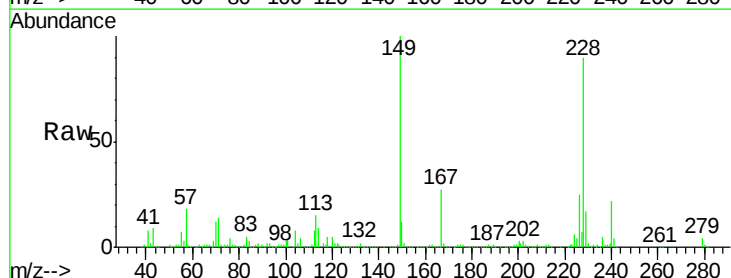
RT: 13.95 min Scan# 1082

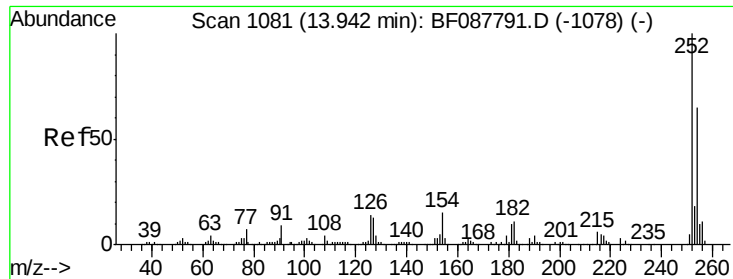
Delta R.T. 0.01 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:	228	Resp:	701670
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.3	33.5
229	19.4	16.0	24.0





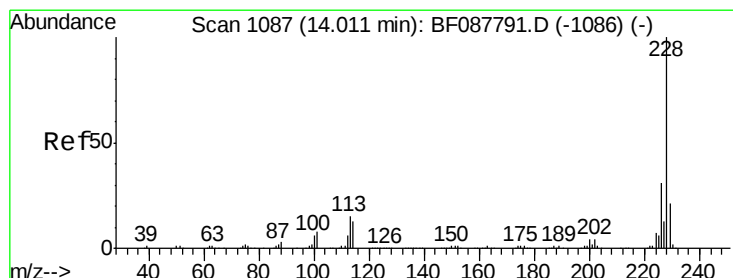
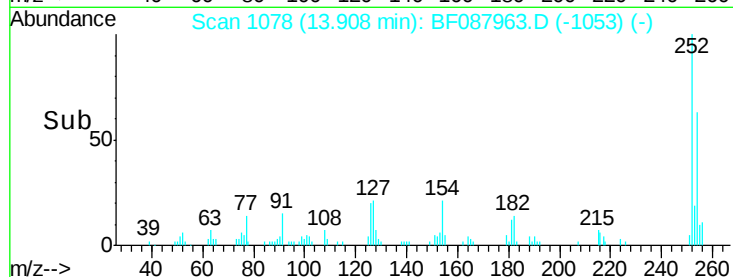
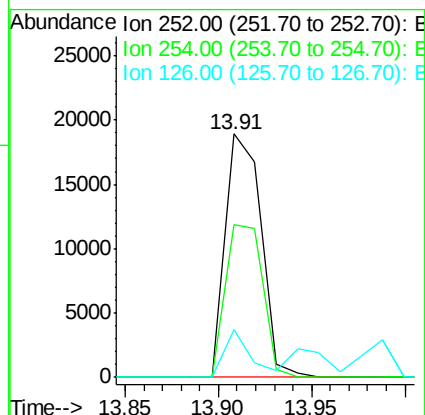
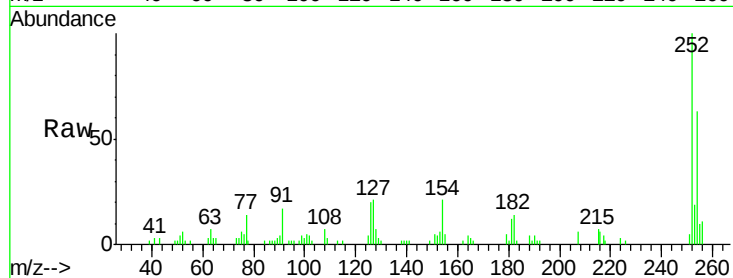
#81
 3,3'-Dichlorobenzidine
 Concen: 6.57 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.6	78.8
126	19.8	6.2	9.2

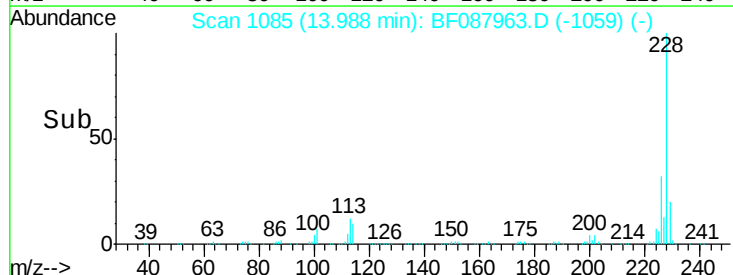
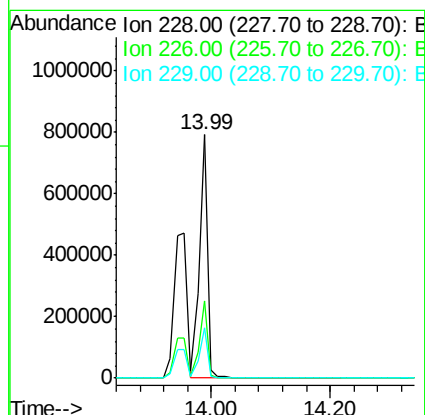
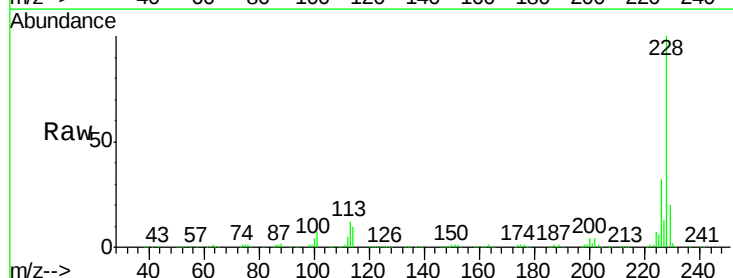
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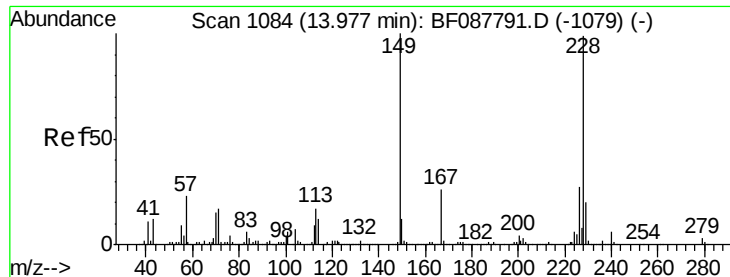
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#82
 Chrysene
 Concen: 56.83 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.2
229	20.5	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 57.36 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MS

Tot Ion:149 Resp: 578077

Ion Ratio Lower Upper

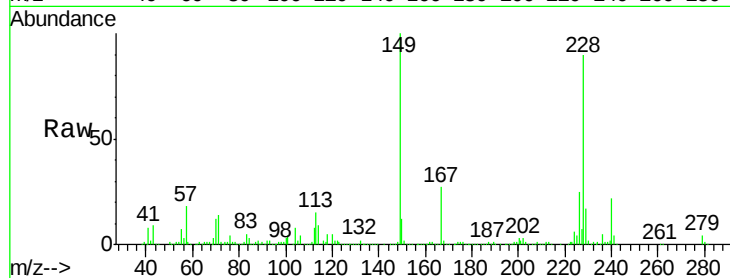
149 100

167 27.2 20.5 30.7

279 3.9 2.0 3.0#

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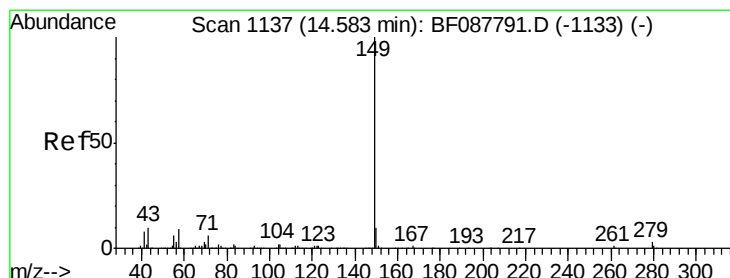
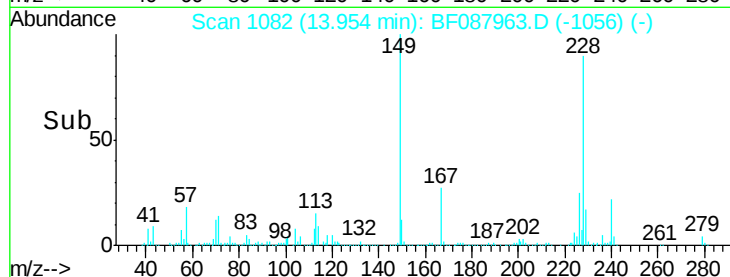
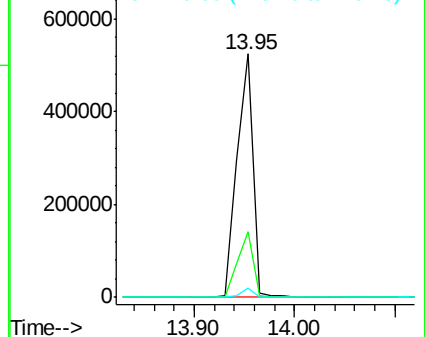
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 59.34 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF087963.D

Acq: 12 Jun 2016 22:27

Tgt Ion:149 Resp: 971727

Ion Ratio Lower Upper

149 100

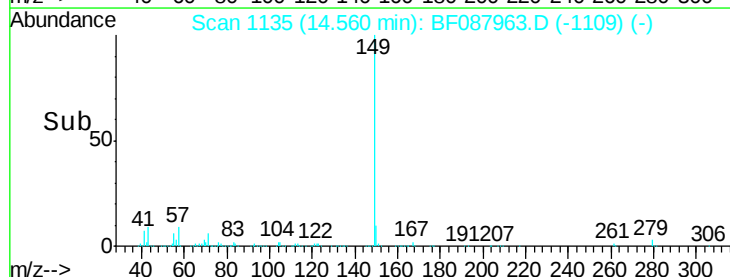
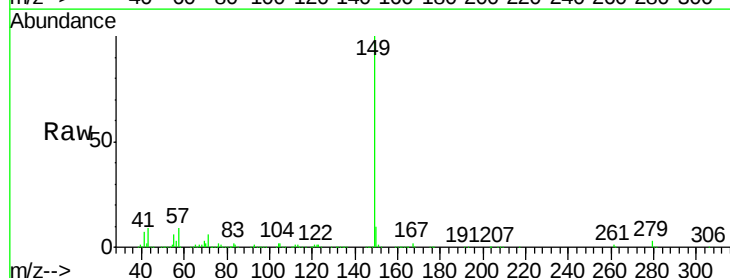
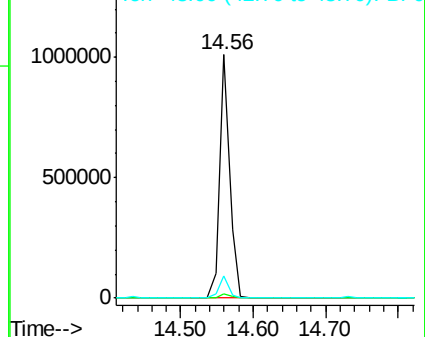
167 1.6 0.0 0.0#

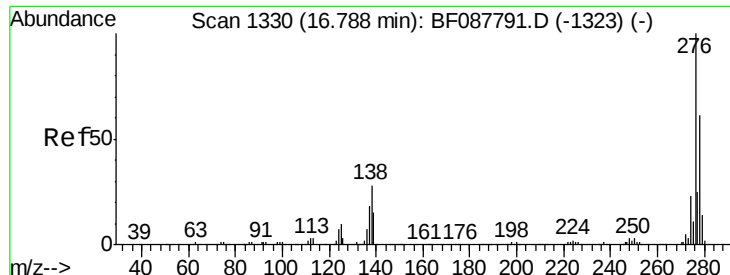
43 8.9 0.0 0.0#

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





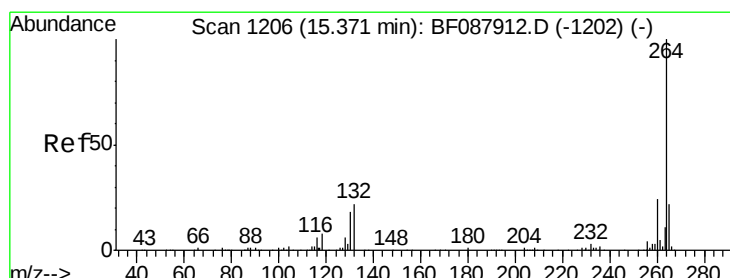
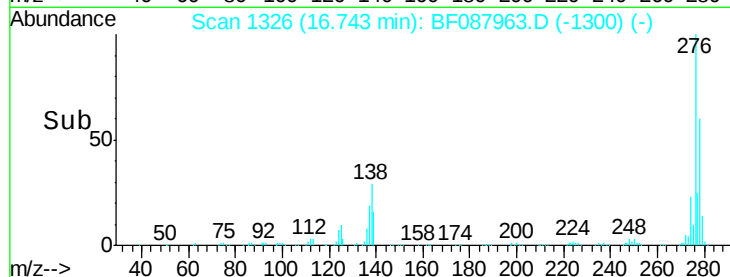
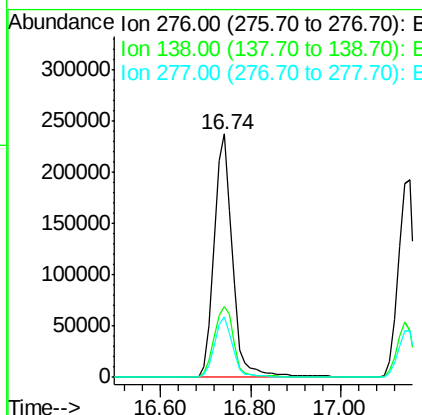
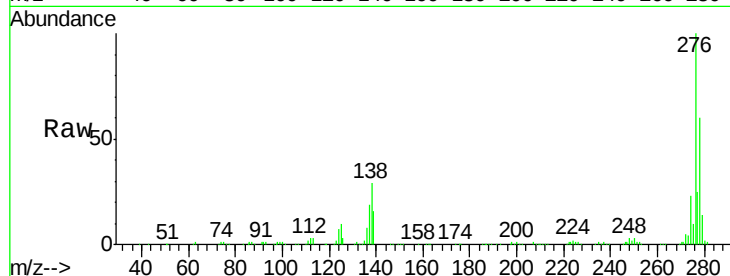
#85
Indeno(1,2,3-cd)pyrene
Concen: 54.06 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.4	0.0	0.0#
277	24.9	0.0	0.0#

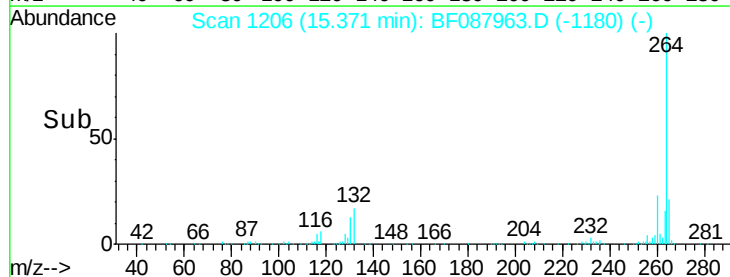
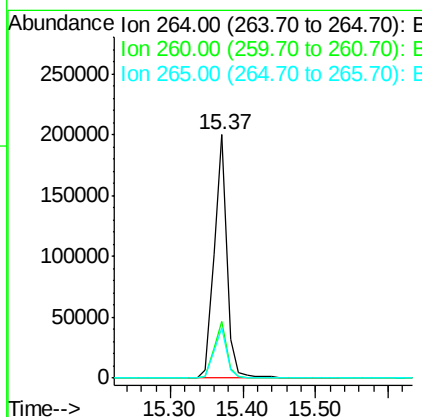
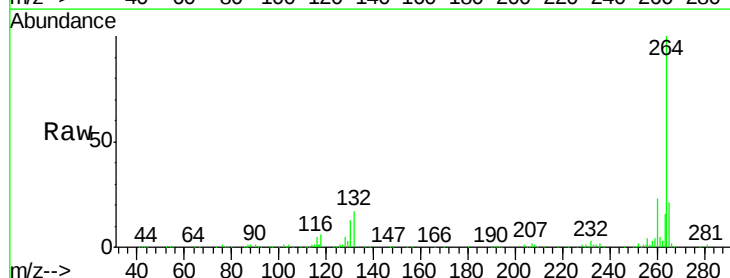
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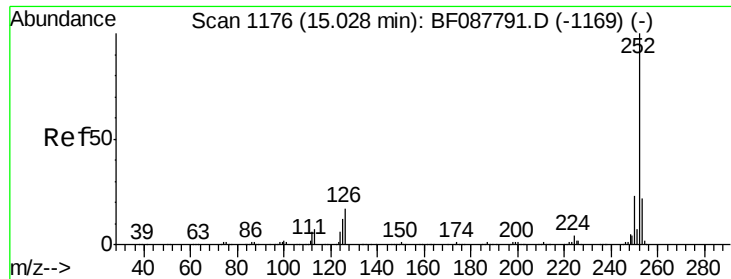
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.7	16.9	25.3





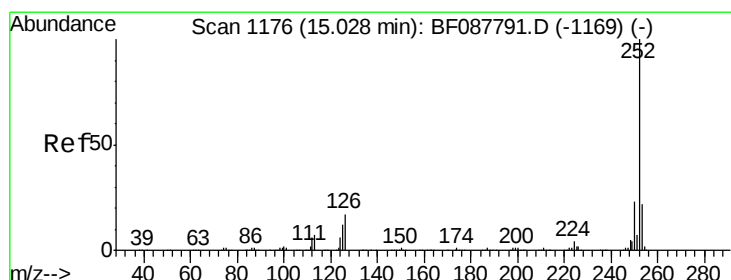
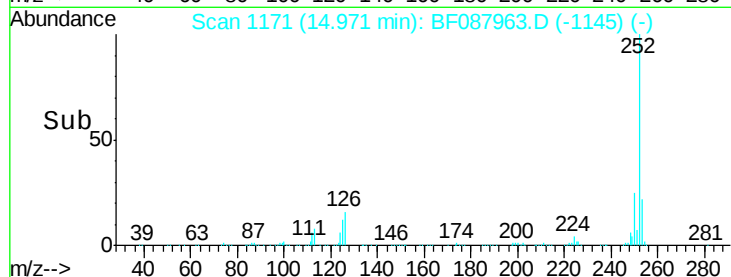
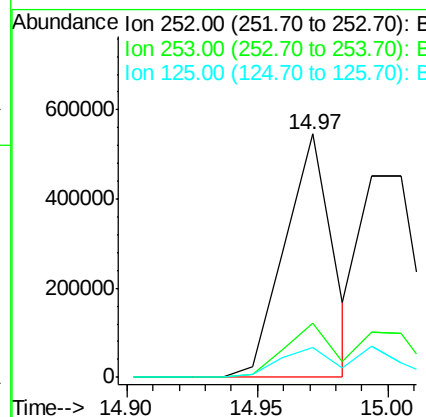
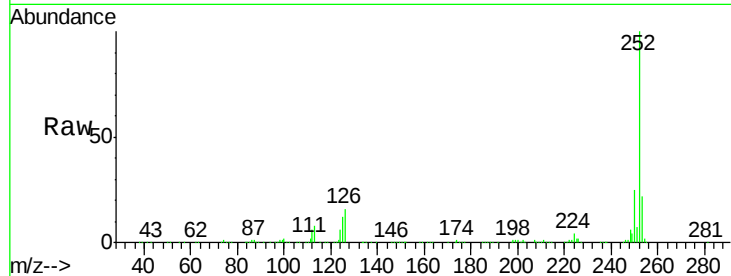
#87
Benzo(b)fluoranthene
Concen: 41.05 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.1	7.1	10.7

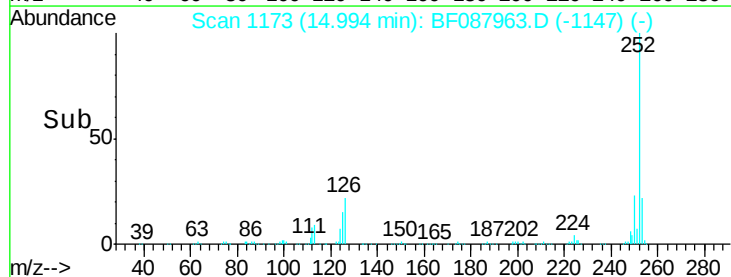
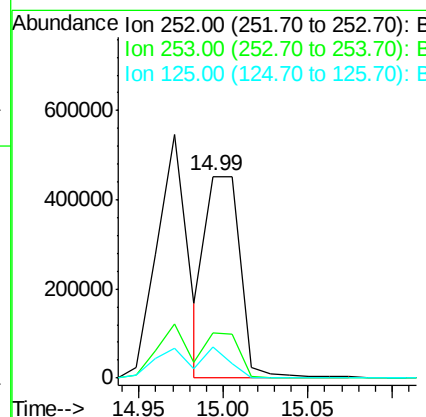
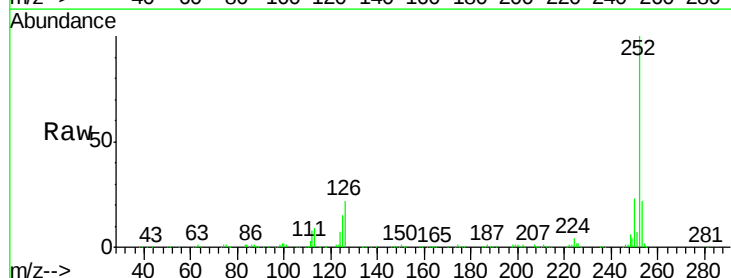
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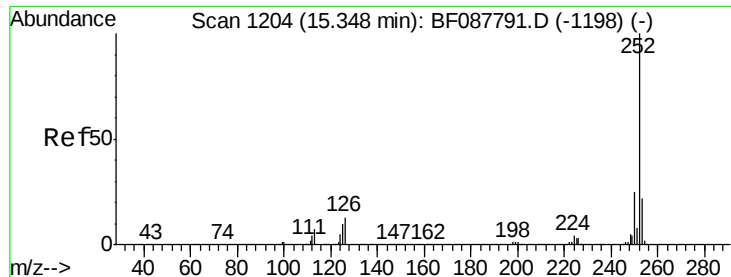
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#88
Benzo(k)fluoranthene
Concen: 51.05 ng m
RT: 14.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	15.3	11.2	16.8





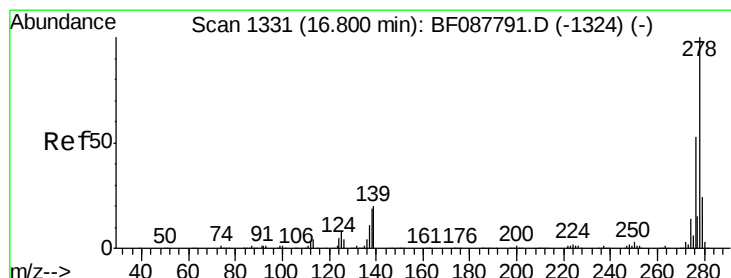
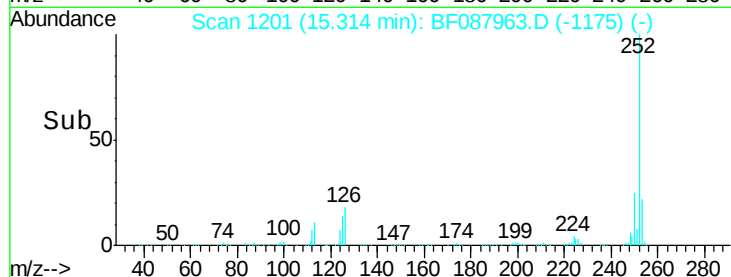
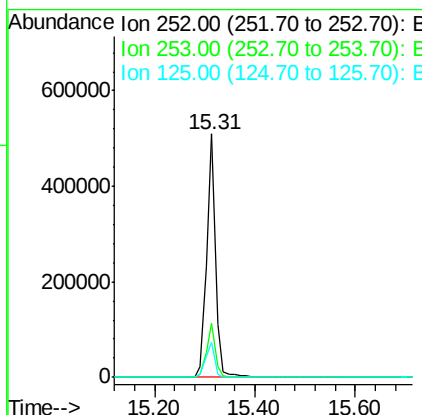
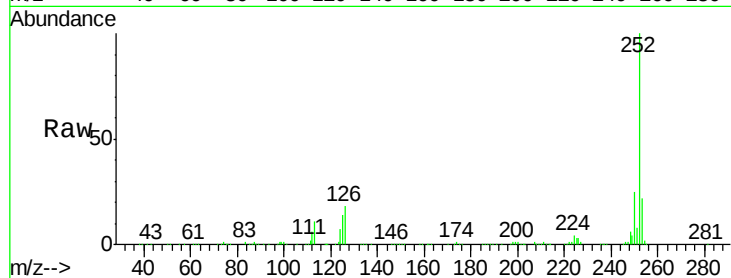
#89
Benzo(a)pyrene
Concen: 45.53 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.2	12.5	18.7

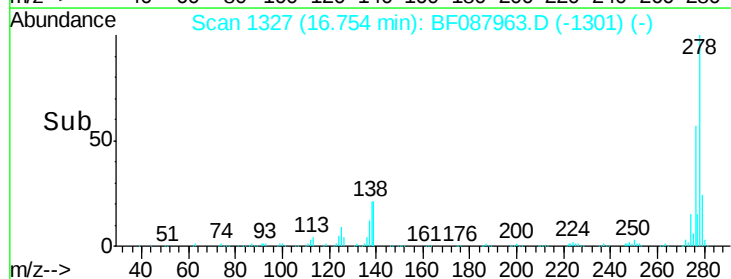
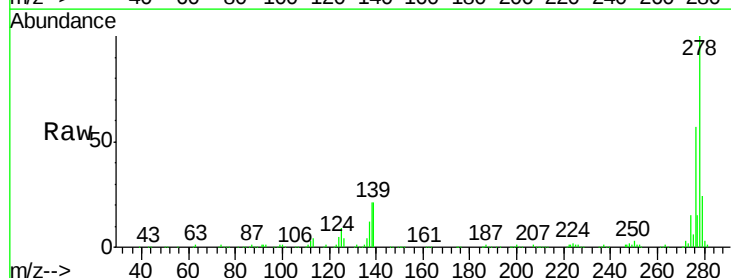
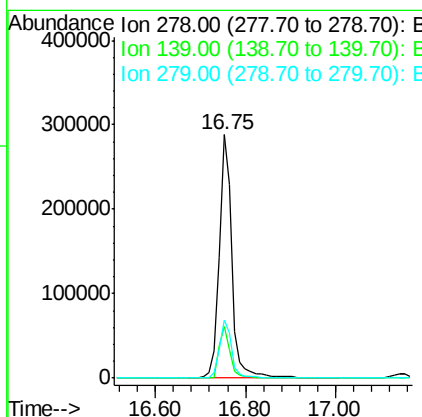
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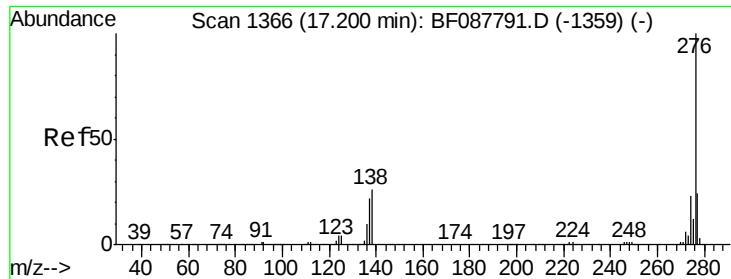
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#90
Dibenzo(a,h)anthracene
Concen: 44.58 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF087963.D
Acq: 12 Jun 2016 22:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.7	23.5
279	23.8	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 40.74 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF087963.D
 Acq: 12 Jun 2016 22:27

Instrument :
 BNA_F
 ClientSampleId :
 STA-1000-(0-4)MS

Tot Ion:	276	Resp:	533155
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.9	28.3
138	23.7	21.4	32.2

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