

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061216\
 Data File : BF087964.D
 Acq On : 12 Jun 2016 22:56
 Operator : UM/SJ
 Sample : H3473-01MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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Quant Time: Jun 13 06:43:13 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	115420	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	491686	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	229958	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	434141	20.00	ng	0.00
75) Chrysene-d12	13.97	240	263076	20.00	ng	0.00
86) Perylene-d12	15.37	264	249910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	741565	109.84	ng	0.03
7) Phenol-d6	6.44	99	996447	121.78	ng	0.00
23) Nitrobenzene-d5	7.37	82	642504	76.31	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	267486	110.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1301656	89.19	ng	0.00
78) Terphenyl-d14	12.91	244	1064508	92.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	114605	34.93	ng	# 87
3) Pyridine	3.23	79	178957	23.10	ng	95
4) n-Nitrosodimethylamine	3.16	42	137295	41.85	ng	83
6) Aniline	6.47	93	185979	15.97	ng	# 35
8) 2-Chlorophenol	6.59	128	353276	44.21	ng	87
10) Phenol	6.46	94	316872	37.07	ng	74
11) bis(2-Chloroethyl)ether	6.55	93	337227	47.00	ng	87
12) 1,3-Dichlorobenzene	6.74	146	331845	38.70	ng	97
13) 1,4-Dichlorobenzene	6.82	146	354932	41.09	ng	98
14) 1,2-Dichlorobenzene	6.97	146	303264m	38.61	ng	
15) Benzyl Alcohol	6.95	79	264106	41.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	408933	42.19	ng	88
17) 2-Methylphenol	7.07	107	298096	46.00	ng	97
18) Hexachloroethane	7.31	117	118747	38.74	ng	# 86
19) n-Nitroso-di-n-propylamine	7.23	70	240974	46.04	ng	# 84
20) 3+4-Methylphenols	7.22	107	324071	42.86	ng	# 82
22) Acetophenone	7.22	105	454731	41.38	ng	# 92
24) Nitrobenzene	7.39	77	397549	48.74	ng	98
25) Isophorone	7.63	82	662147	42.45	ng	100
26) 2-Nitrophenol	7.70	139	191581	43.85	ng	95
27) 2,4-Dimethylphenol	7.75	122	335596	41.72	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	440998	45.59	ng	98
29) 2,4-Dichlorophenol	7.95	162	315587	46.99	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	297610	40.69	ng	100
31) Naphthalene	8.11	128	1092853	44.91	ng	100
32) Benzoic acid	7.88	122	239250	54.01	ng	95
33) 4-Chloroaniline	8.16	127	92924	8.55	ng	96
34) Hexachlorobutadiene	8.23	225	146483	37.98	ng	98
35) Caprolactam	8.55	113	92705m	41.67	ng	
36) 4-Chloro-3-methylphenol	8.66	107	337848	47.03	ng	90
37) 2-Methylnaphthalene	8.80	142	682095	42.53	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	268117	44.69	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	240748	64.90	ng	100
42) 2,4,6-Trichlorophenol	9.08	196	208174	45.27	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	197507	41.28	nq	# 87
45) 1,1'-Biphenyl	9.27	154	750343	43.23	nq	99
46) 2-Chloronaphthalene	9.29	162	611354	41.08	nq	99
47) 2-Nitroaniline	9.39	65	213472	48.63	nq	# 81
48) Acenaphthylene	9.71	152	1038712	43.88	nq	99
49) Dimethylphthalate	9.58	163	715785	42.97	nq	99
50) 2,6-Dinitrotoluene	9.63	165	160770	42.14	nq	# 65
51) Acenaphthene	9.88	154	713826	48.34	nq	100
52) 3-Nitroaniline	9.80	138	98473	22.37	nq	# 74
53) 2,4-Dinitrophenol	9.91	184	163799	78.68	nq	98
54) Dibenzofuran	10.06	168	940441	46.25	nq	97
55) 4-Nitrophenol	9.98	139	272773	79.84	nq	# 85
56) 2,4-Dinitrotoluene	10.04	165	235124	47.96	nq	# 92
57) Fluorene	10.40	166	667750	49.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	176835	47.03	nq	# 53
59) Diethylphthalate	10.27	149	707338	41.95	nq	99
60) 4-Chlorophenyl-phenylether	10.39	204	274812	40.64	nq	99
61) 4-Nitroaniline	10.42	138	186293	44.62	nq	98
62) Azobenzene	10.55	77	773414	46.38	nq	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	116827	43.32	nq	88
65) n-Nitrosodiphenylamine	10.51	169	658781	45.73	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	208139	44.69	nq	# 93
67) Hexachlorobenzene	10.94	284	190491	39.36	nq	98
68) Atrazine	11.04	200	164288	37.66	nq	92
69) Pentachlorophenol	11.13	266	223389	87.57	nq	97
70) Phenanthrene	11.35	178	950164	41.71	nq	100
71) Anthracene	11.40	178	1031698	44.90	nq	100
72) Carbazole	11.55	167	960828	44.68	nq	99
73) Di-n-butylphthalate	11.90	149	1139725	41.87	nq	100
74) Fluoranthene	12.54	202	995940	41.43	nq	99
76) Benzidine	12.65	184	43495	5.97	nq	100
77) Pyrene	12.77	202	1049387	53.75	nq	99
79) Butylbenzylphthalate	13.38	149	481617	55.80	nq	# 79
80) Benzo(a)anthracene	13.94	228	690660	46.07	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	132361	32.83	nq	98
82) Chrysene	13.99	228	749769	53.16	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	564961	53.77	nq	# 96
84) Di-n-octyl phthalate	14.56	149	957400	56.08	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.73	276	648728	49.51	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	690274	39.63	nq	# 96
88) Benzo(k)fluoranthene	14.99	252	607700m	46.25	nq	
89) Benzo(a)pyrene	15.31	252	618316	43.88	nq	98
90) Dibenzo(a,h)anthracene	16.75	278	543457	41.52	nq	99
91) Benzo(g,h,i)perylene	17.14	276	513092	38.11	nq	98

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

```

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Operator  : UM/SJ
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Misc      :
ALS Vial  : 60      Sample Multiplier: 1

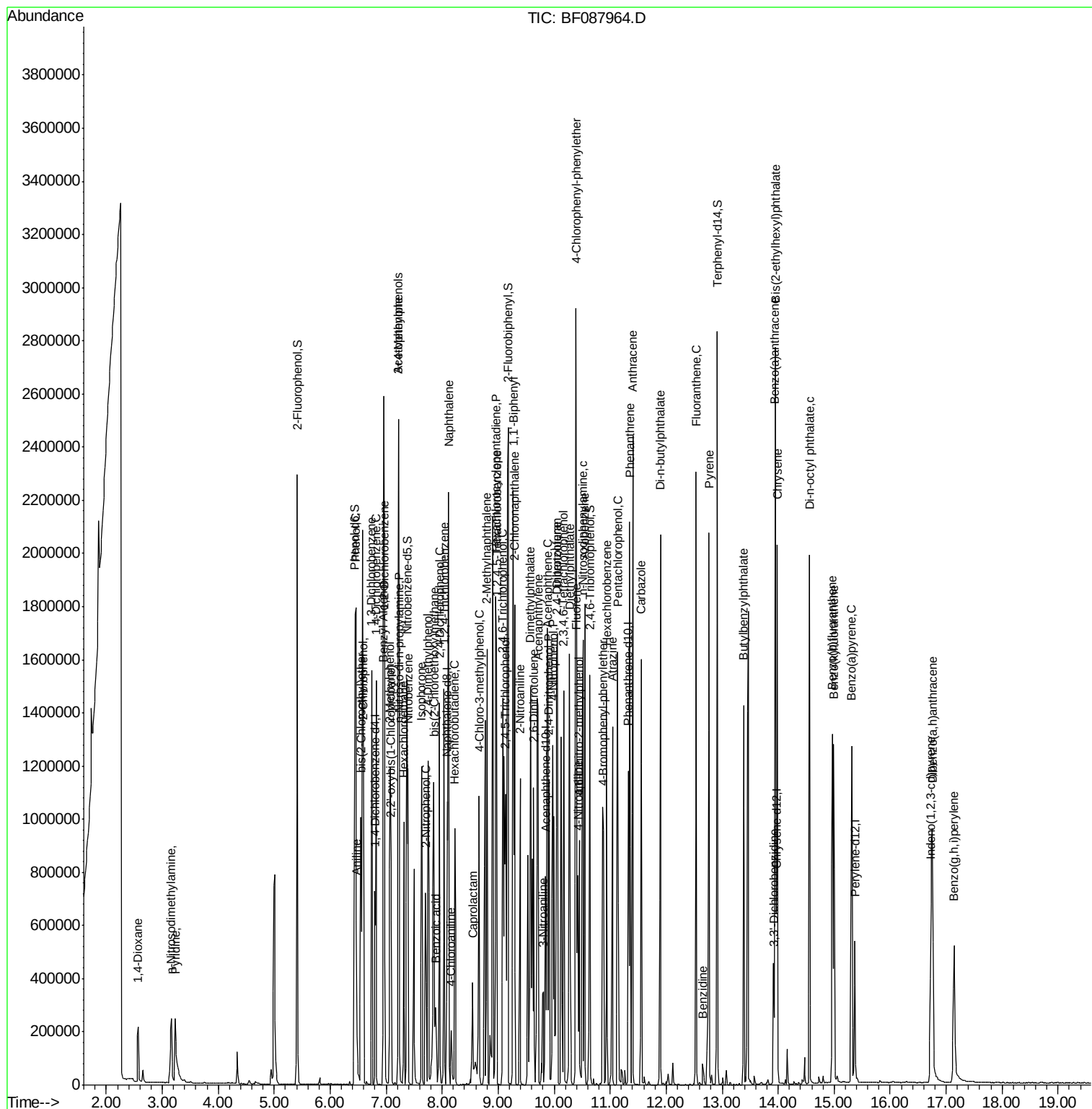
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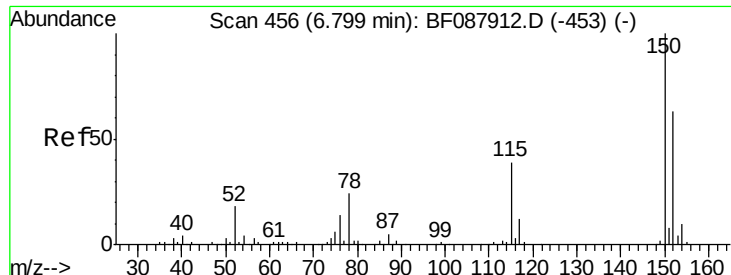
Instrument :
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#1

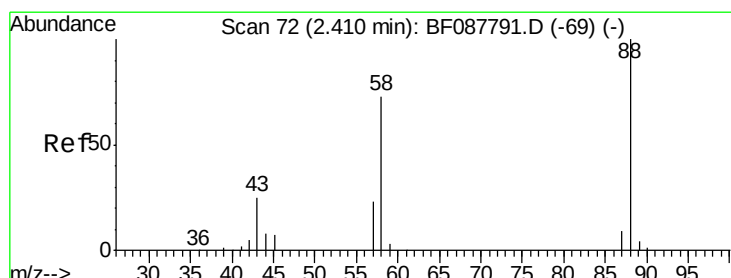
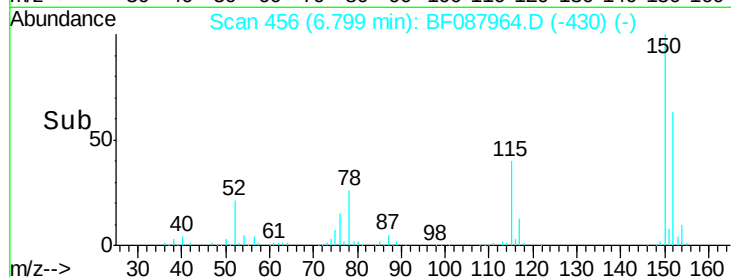
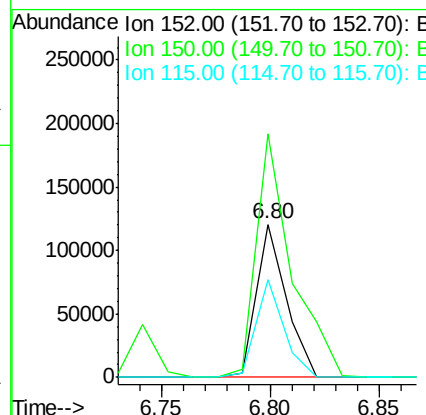
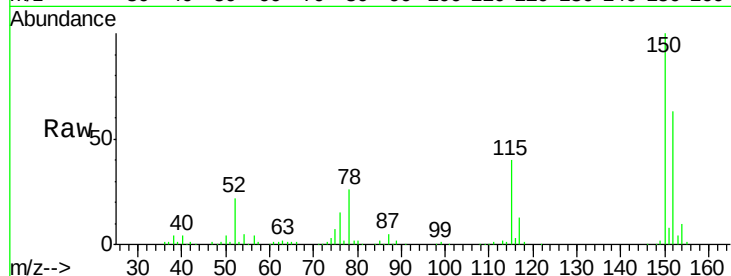
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	123.8	185.6
115	64.2	39.6	59.4

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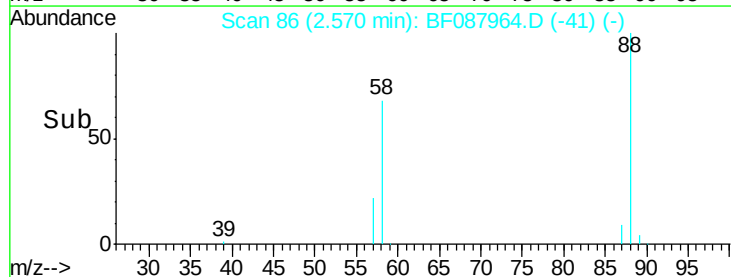
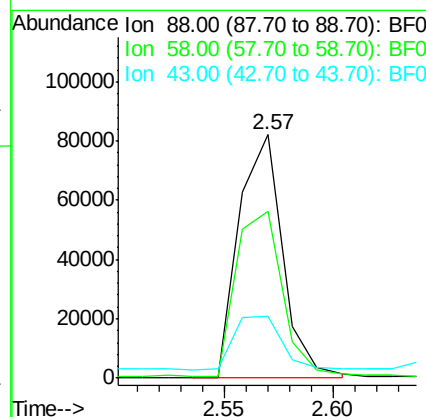
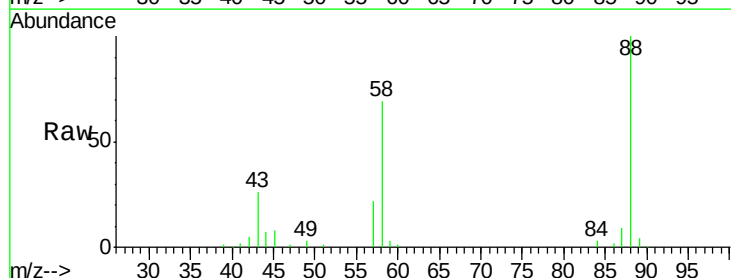
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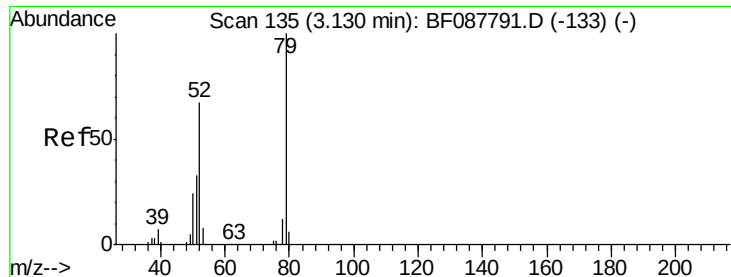


#2

1,4-Dioxane
Concen: 34.93 ng
RT: 2.57 min Scan# 86
Delta R.T. 0.22 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	0.0	0.0
43	0.0	3.4	5.2





#3

Pvridine

Concen: 23.10 ng

RT: 3.23 min Scan# 144

Delta R.T. 0.18 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

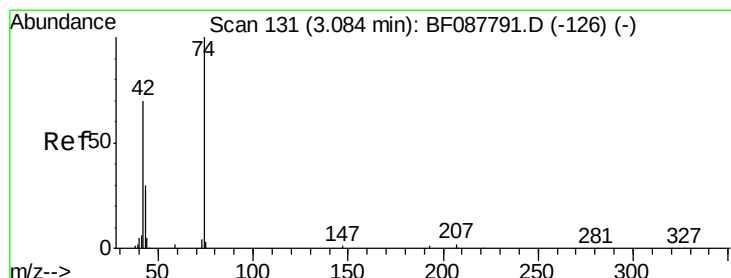
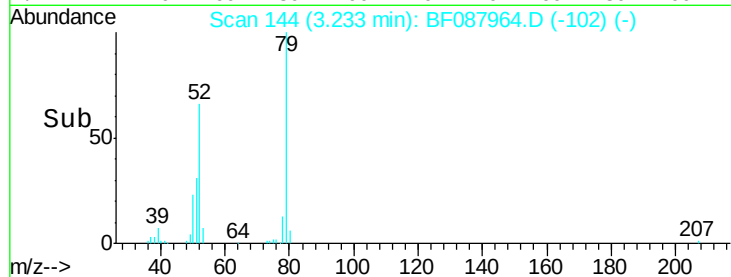
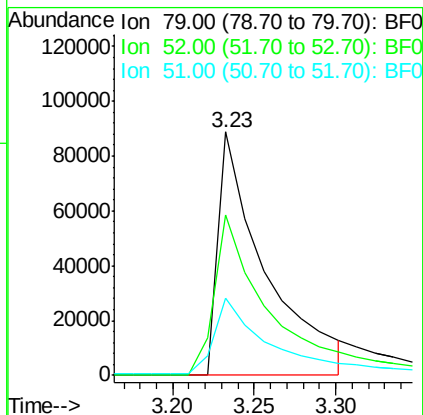
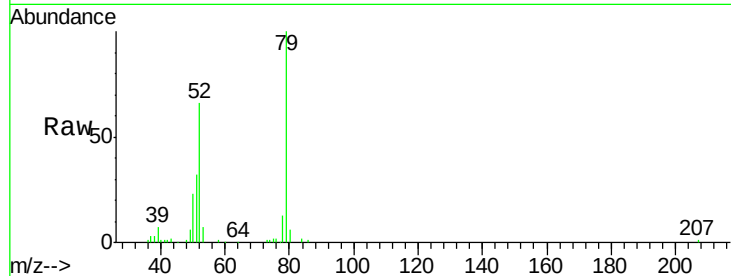
ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		178957		
52	66.1	56.3	84.5		
51	31.7	27.4	41.2		

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#4

n-Nitrosodimethylamine

Concen: 41.85 ng

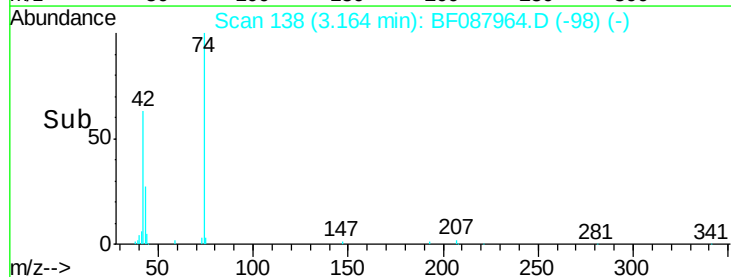
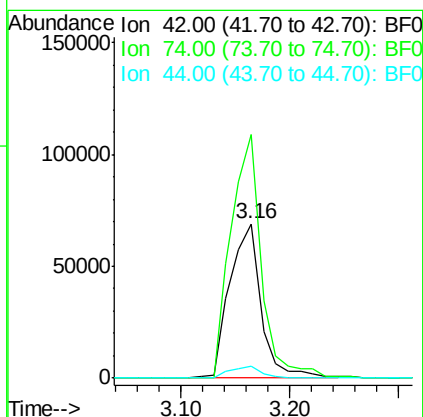
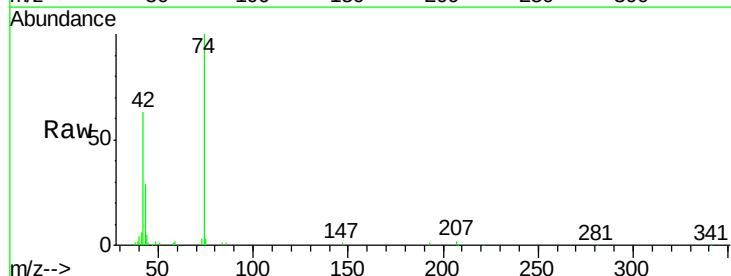
RT: 3.16 min Scan# 138

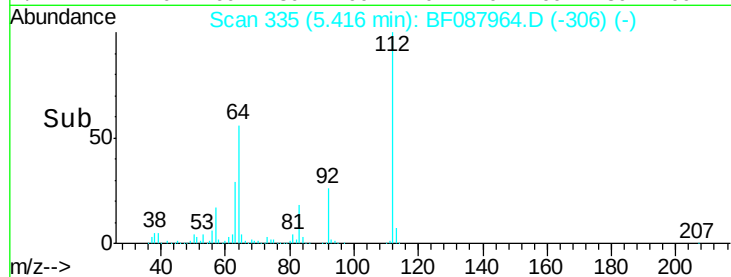
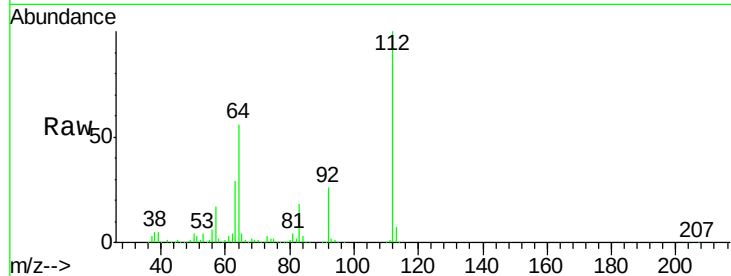
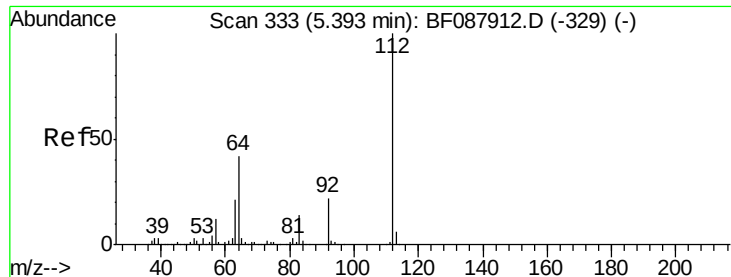
Delta R.T. 0.16 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		137295		
74	157.7	108.6	163.0		
44	7.4	5.5	8.3		





#5

2-Fluorophenol

Concen: 109.84 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.03 min

Lab File: BF087964.D

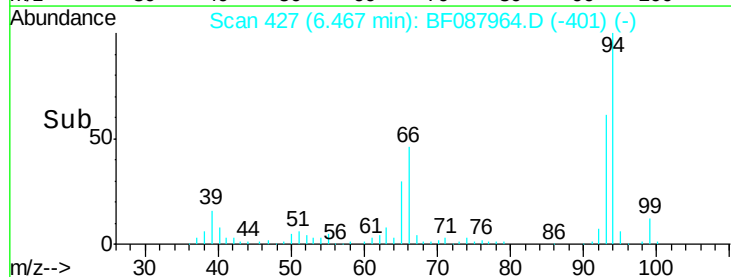
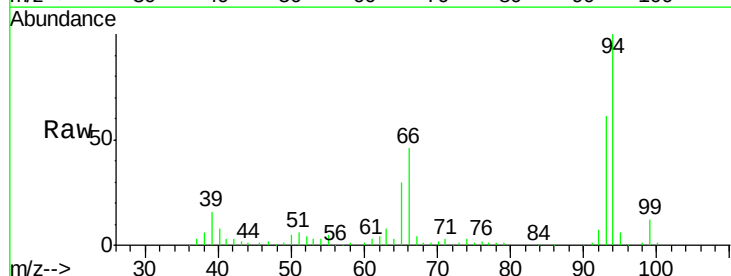
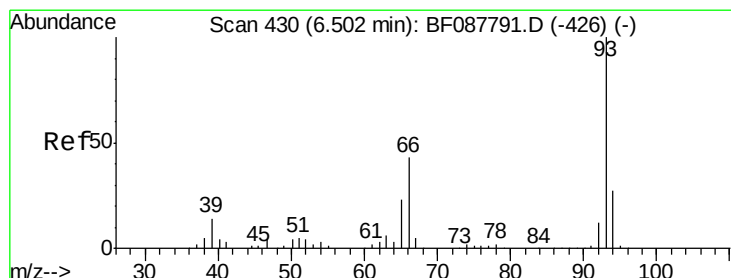
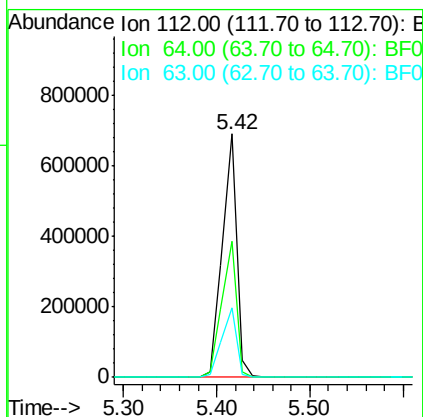
Acq: 12 Jun 2016 22:56

Tot Ion	Ratio	Resp	Lower	Upper
112	100	741565		
64	55.9	42.2	63.2	
63	28.7	21.8	32.8	

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STA-1000-(0-4)MSD

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#6

Aniline

Concen: 15.97 ng

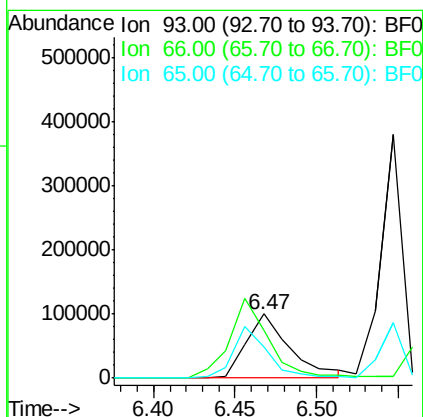
RT: 6.47 min Scan# 427

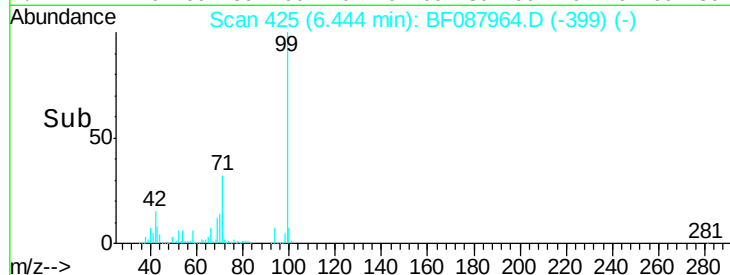
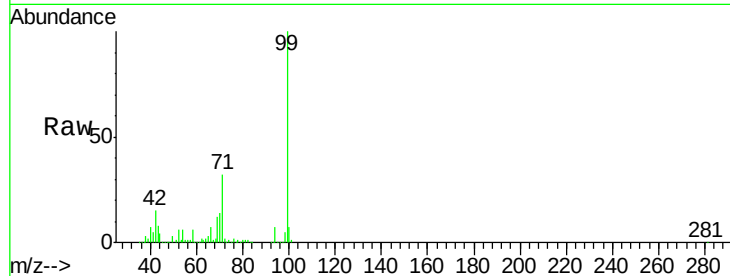
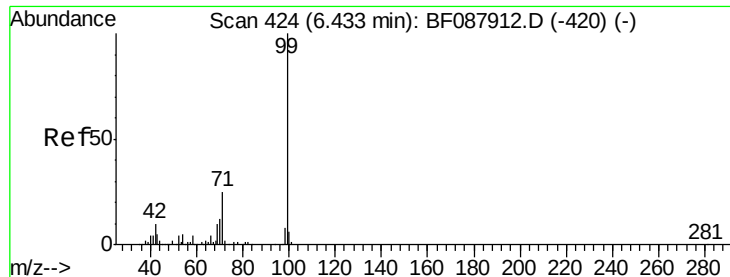
Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	185979		
66	75.2	29.8	44.8#	
65	48.8	14.9	22.3#	





#7

Phenol-d6

Concen: 121.78 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF087964.D

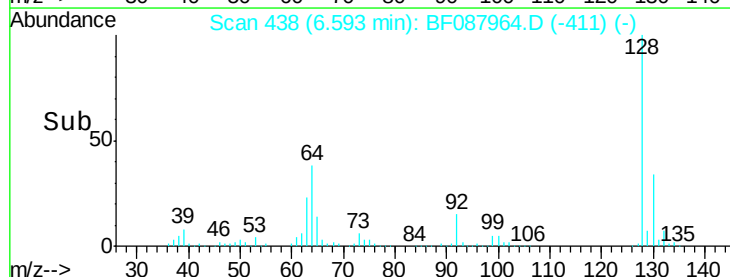
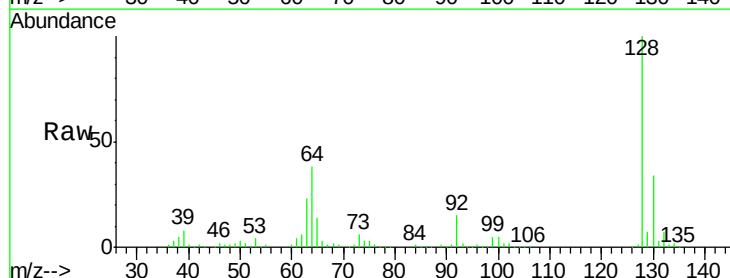
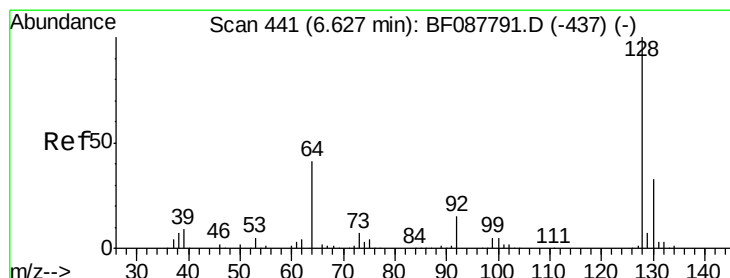
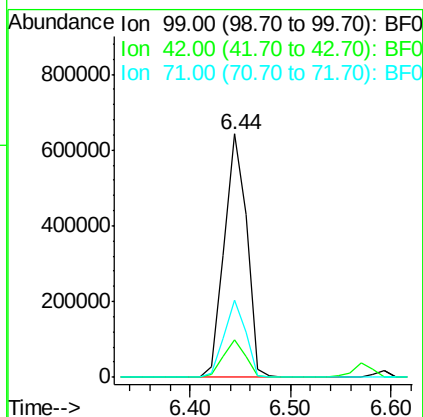
Acq: 12 Jun 2016 22:56

Tot Ion:	99	Resp:	996447
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.2	18.2
71	31.7	23.4	35.0

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#8

2-Chlorophenol

Concen: 44.21 ng

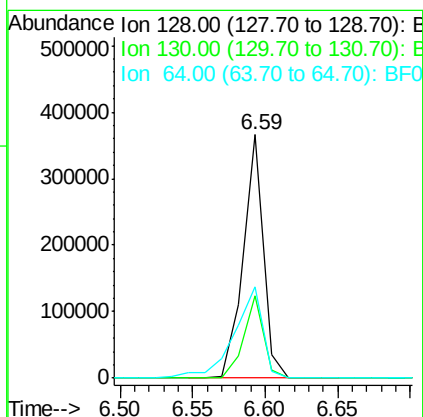
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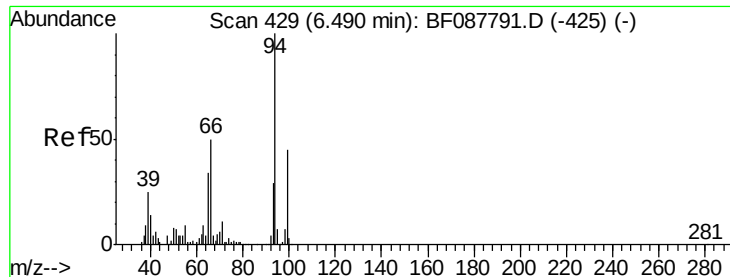
Delta R.T. 0.01 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion:	128	Resp:	353276
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.0	52.0
64	37.7	30.8	70.8





#10

Phenol

Concen: 37.07 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

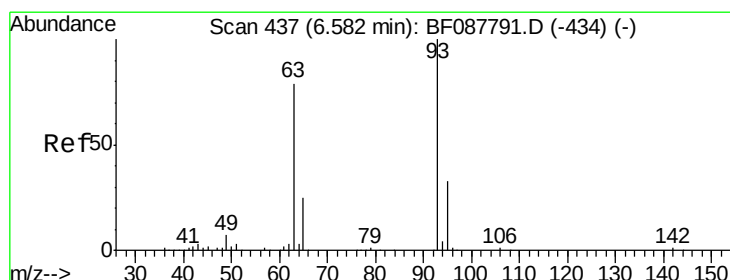
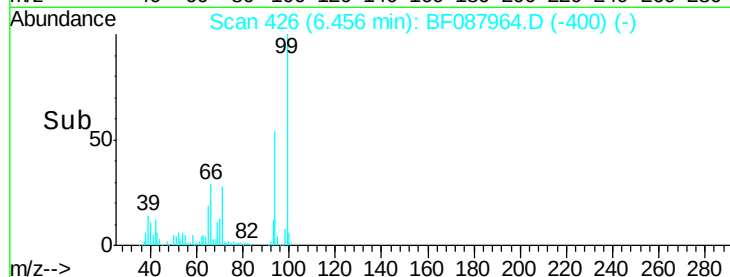
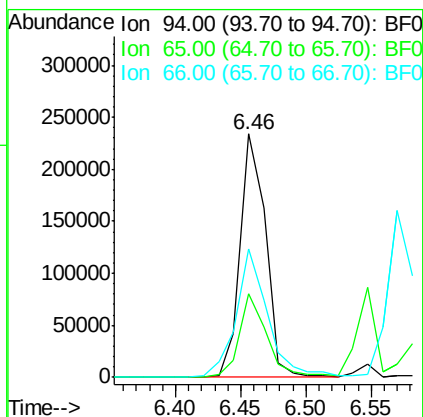
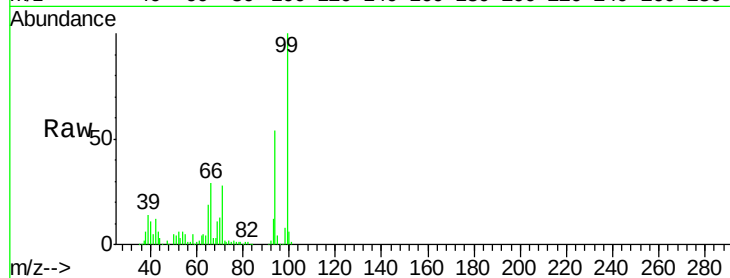
ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion:	94	Resp:	316872
Ion Ratio	Lower	Upper	
94	100		
65	34.1	5.9	45.9
66	52.9	14.0	54.0

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#11

bis(2-Chloroethyl)ether

Concen: 47.00 ng

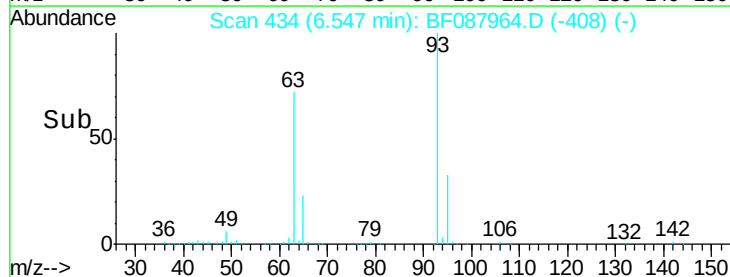
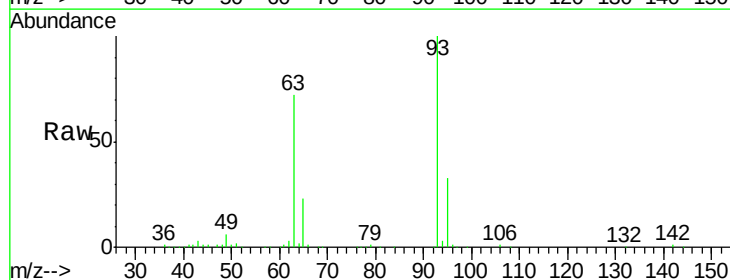
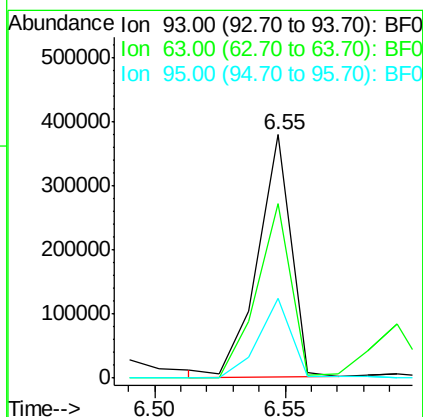
RT: 6.55 min Scan# 434

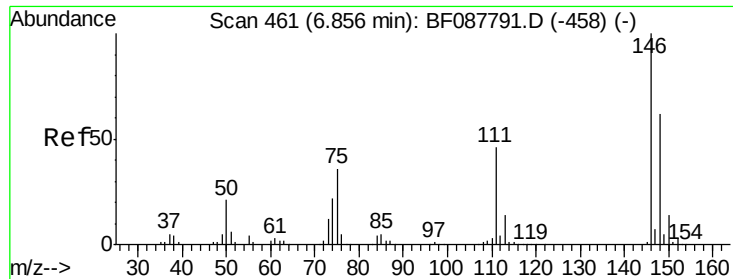
Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion:	93	Resp:	337227
Ion Ratio	Lower	Upper	
93	100		
63	71.8	67.6	107.6
95	32.7	12.5	52.5





#12

1,3-Dichlorobenzene

Concen: 38.70 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

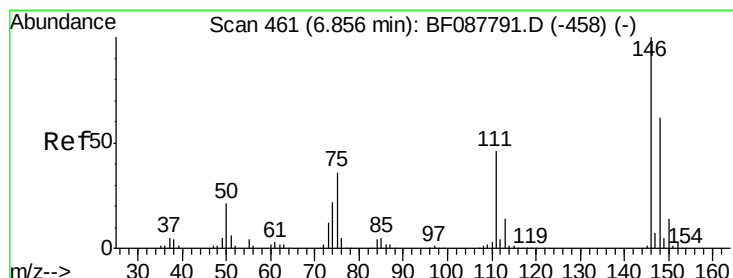
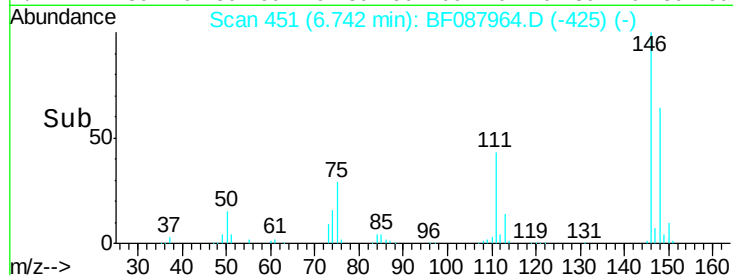
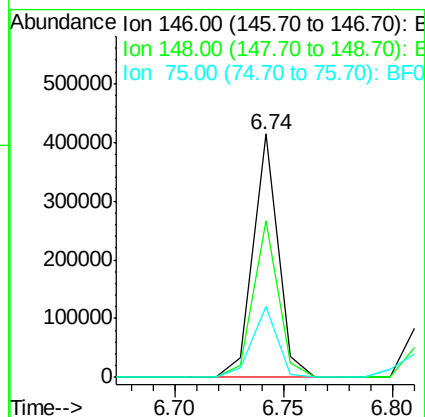
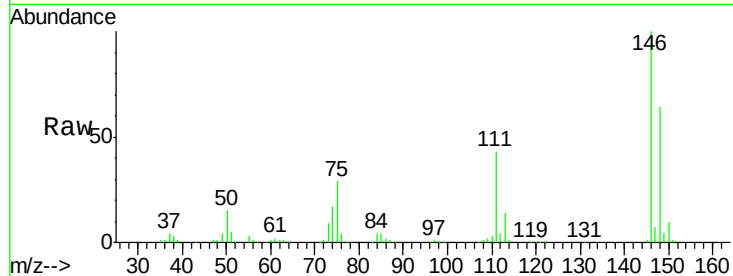
ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion:	146	Resp:	331845
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.9	76.3
75	28.9	25.6	38.4

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#13

1,4-Dichlorobenzene

Concen: 41.09 ng

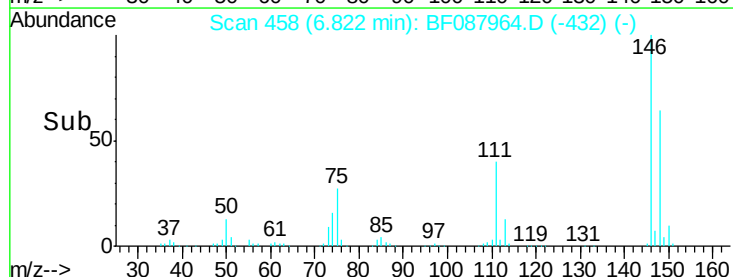
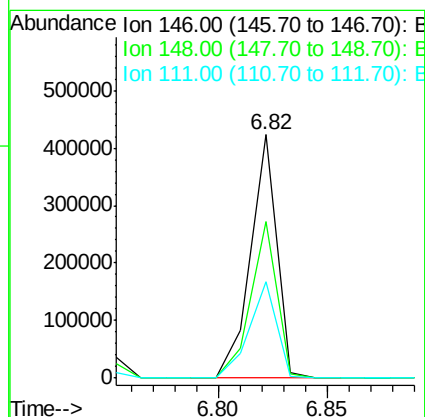
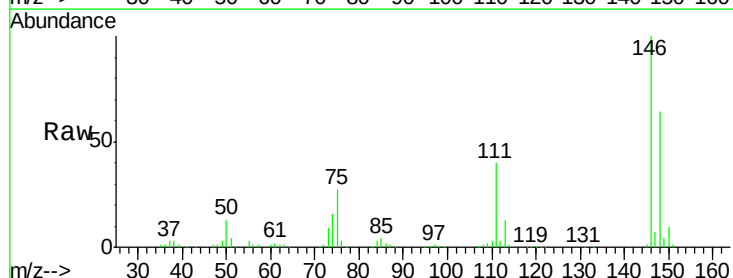
RT: 6.82 min Scan# 458

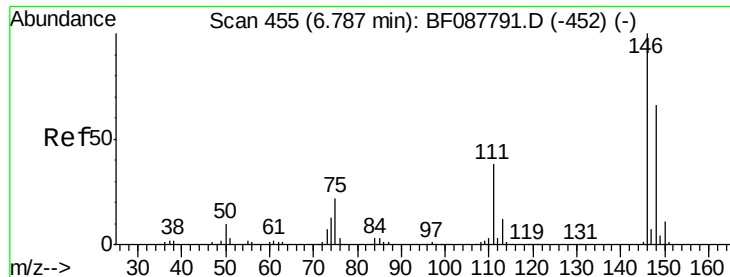
Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion:	146	Resp:	354932
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.0	78.0
111	39.8	33.8	50.8





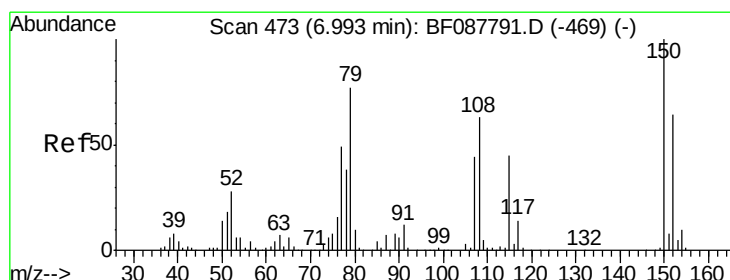
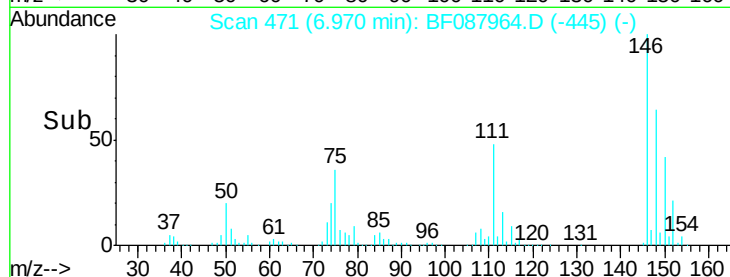
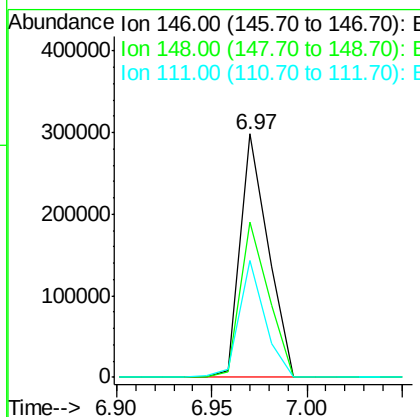
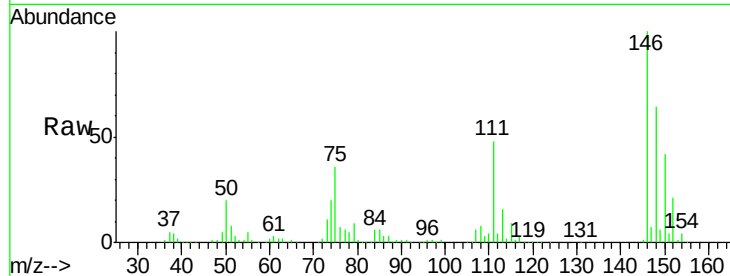
#14
1,2-Dichlorobenzene
Concen: 38.61 ng/mL
RT: 6.97 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
111	47.8	28.7	43.1

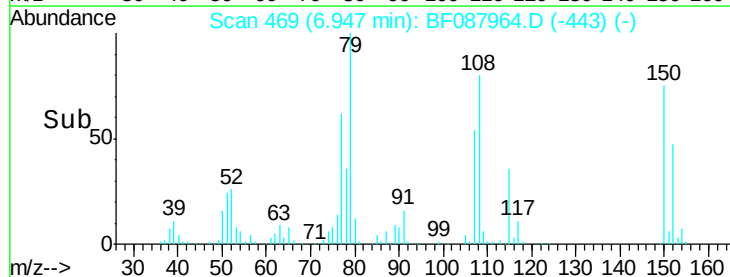
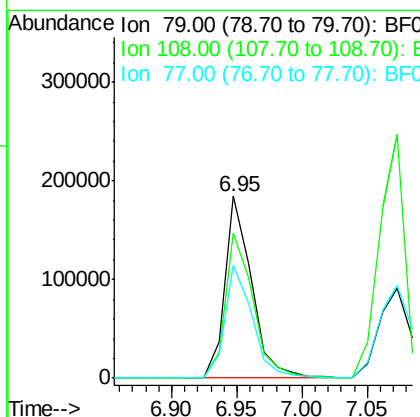
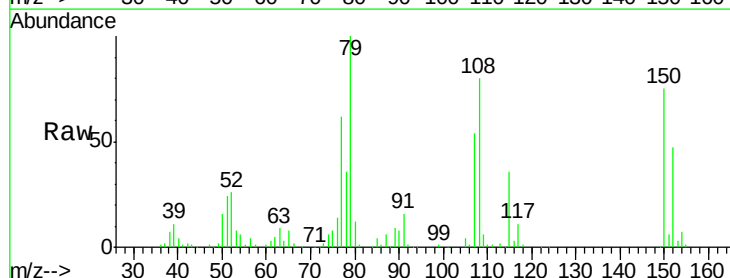
Manual Integrations
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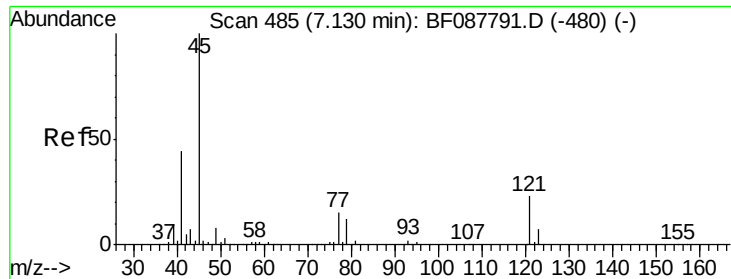
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#15
Benzyl Alcohol
Concen: 41.26 ng/mL
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
79	100		
108	79.6	65.0	97.6
77	62.3	50.3	75.5





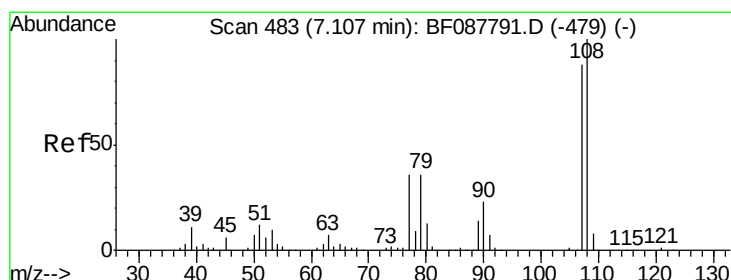
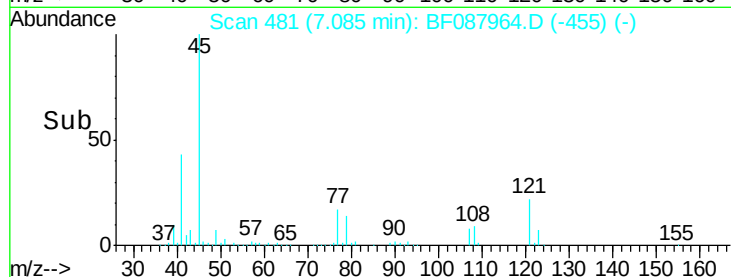
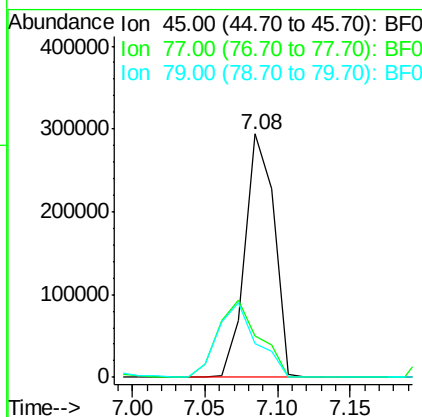
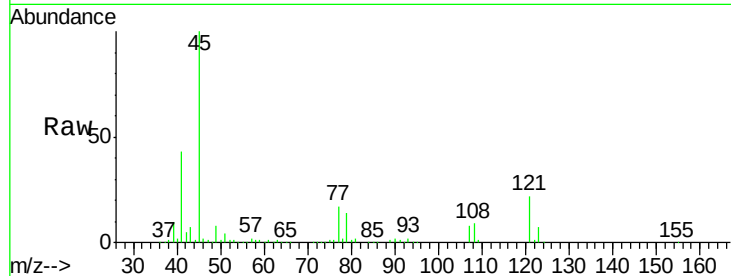
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 42.19 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	17.0	0.0	32.5
79	13.8	0.0	29.5

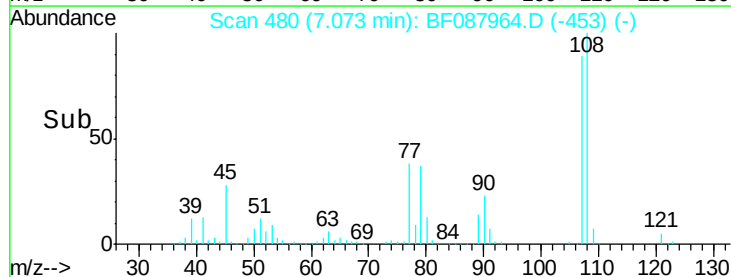
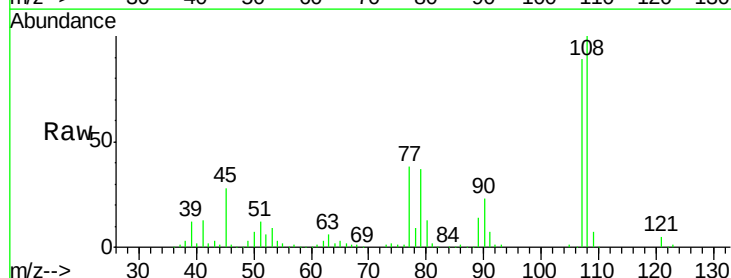
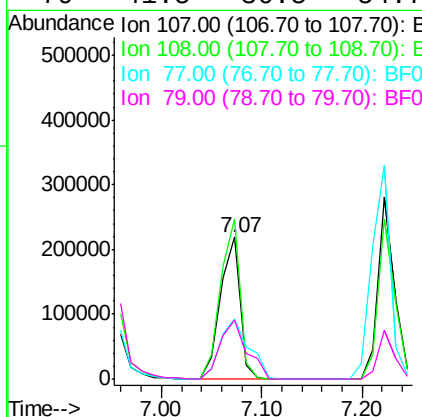
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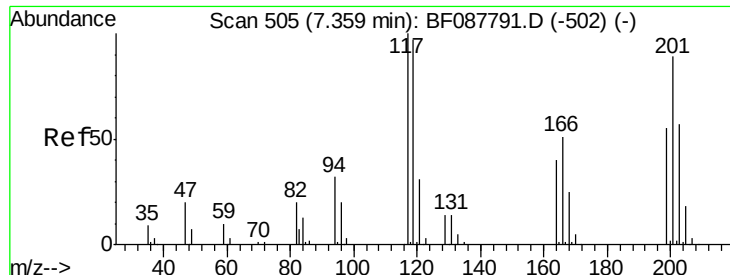
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#17
2-Methylphenol
Concen: 46.00 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.01 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.8	90.9	136.3
77	42.8	36.6	55.0
79	41.5	36.5	54.7





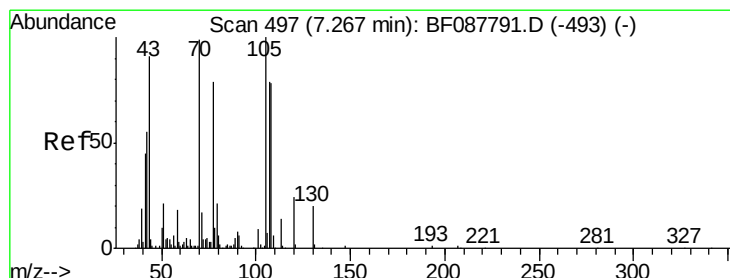
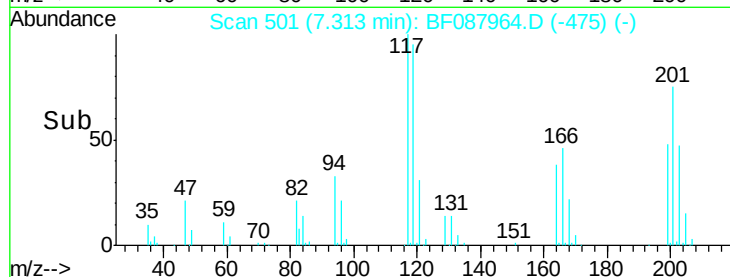
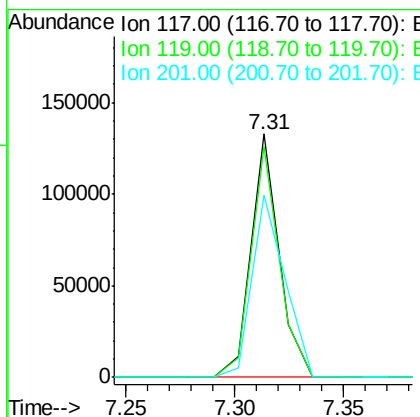
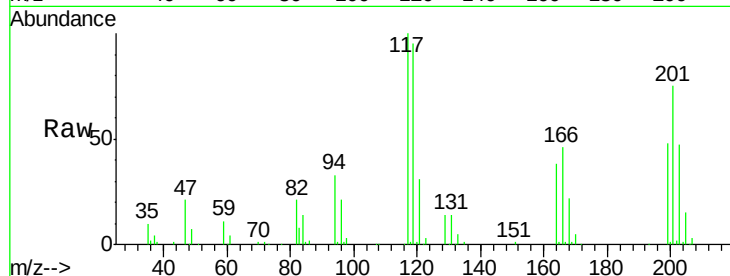
#18
Hexachloroethane
Concen: 38.74 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.4	116.2	
201	75.0	80.4	120.6#	

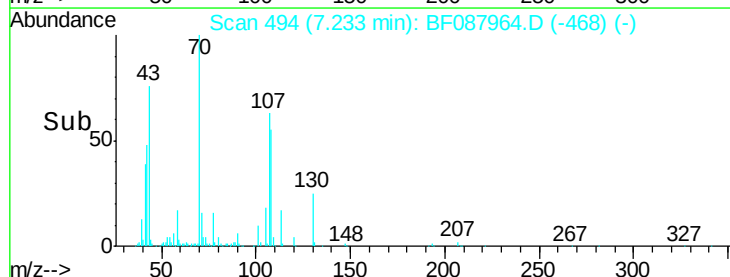
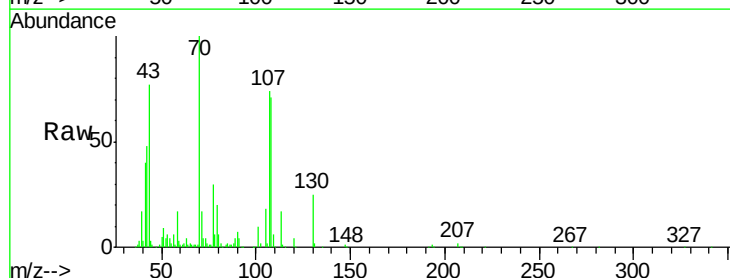
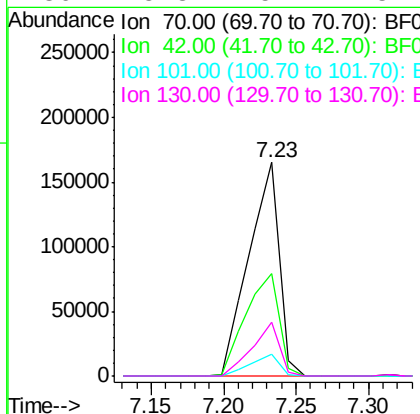
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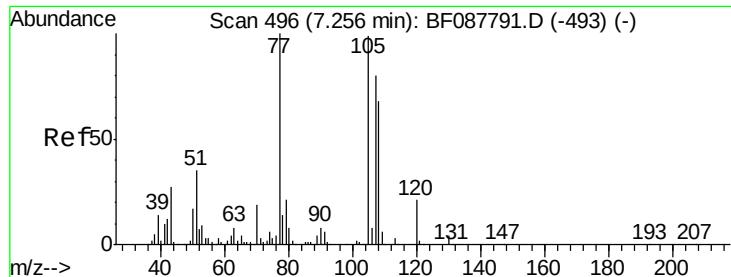
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#19
n-Nitroso-di-n-propylamine
Concen: 46.04 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	47.8	49.6	74.4#	
101	10.2	7.1	10.7	
130	25.3	15.4	23.2#	





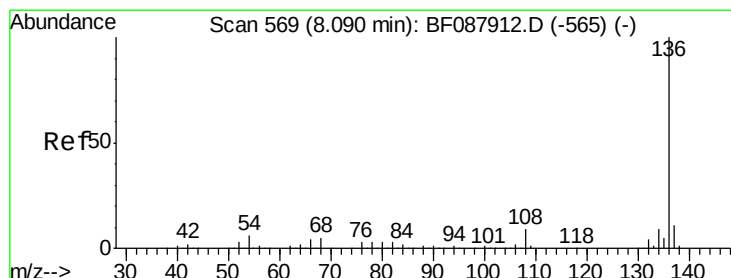
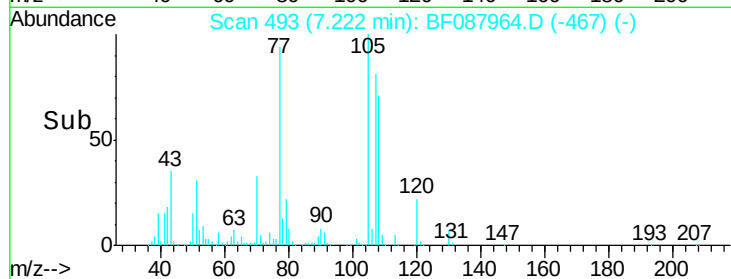
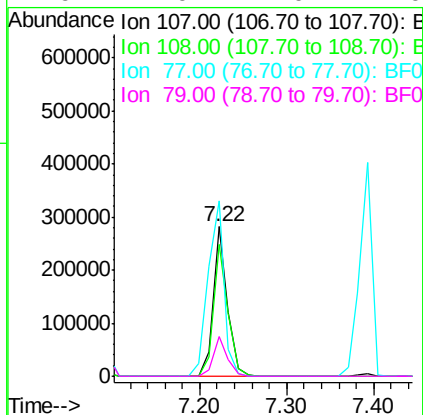
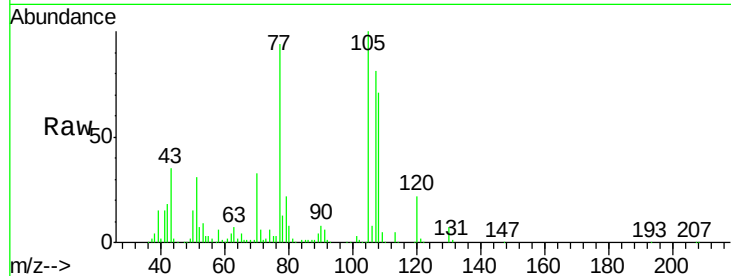
#20
3+4-Methylphenols
Concen: 42.86 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.0	67.8	107.8	
77	117.2	59.3	99.3#	
79	27.0	7.0	47.0	

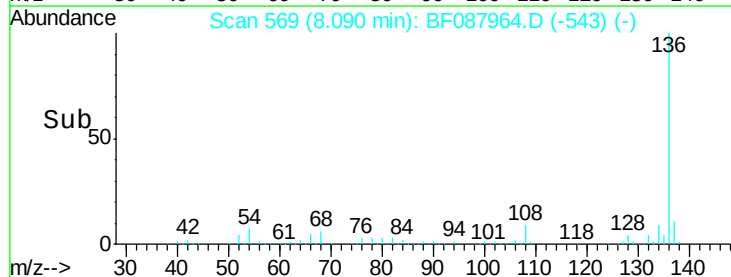
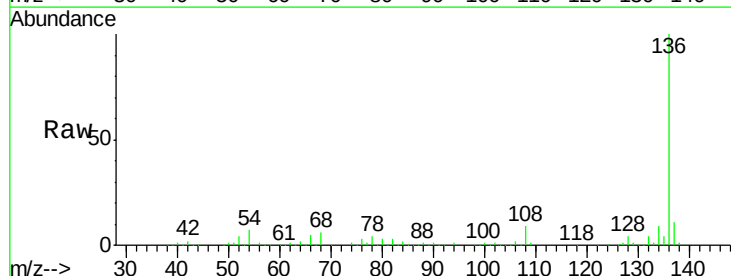
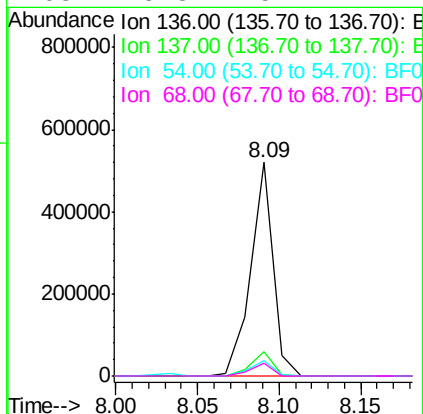
Manual Integrations
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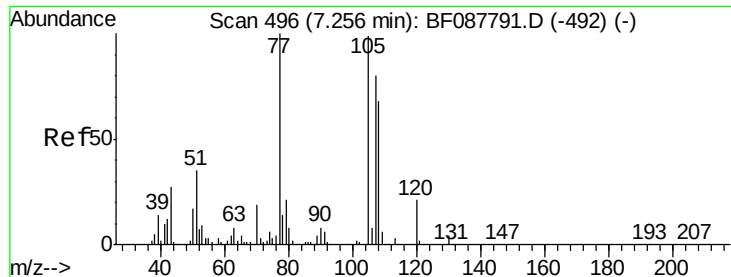
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.1	6.6	10.0	
68	5.8	5.1	7.7	





#22

Acetophenone

Concen: 41.38 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF087964.D

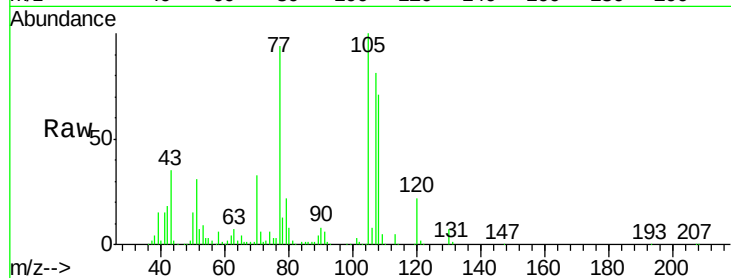
Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

ClientSampleId :

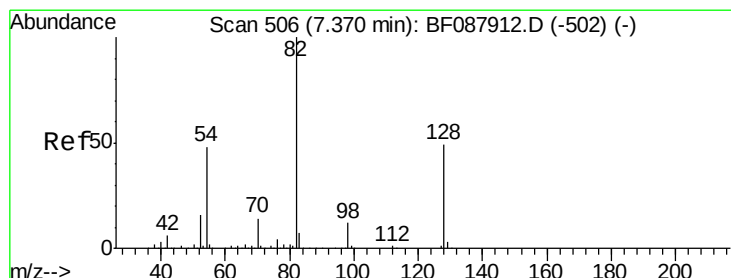
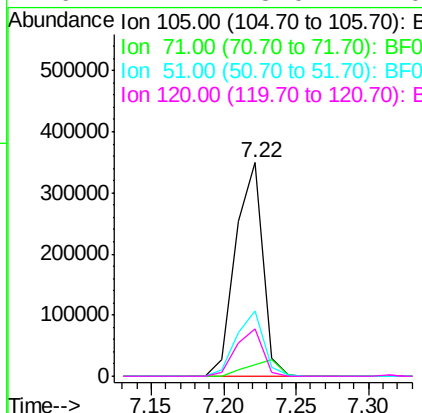
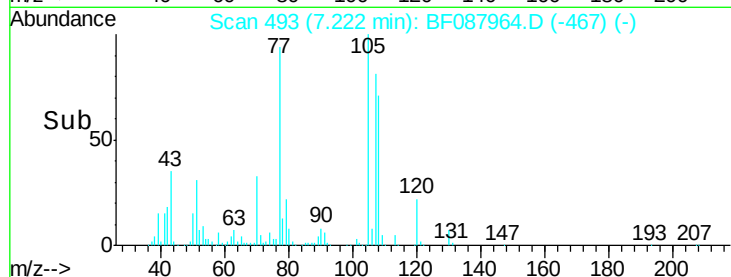
STA-1000-(0-4)MSD



Tot Ion:	105	Resp:	454731
Ion Ratio	Lower	Upper	
105	100		
71	5.5	5.3	7.9
51	30.8	18.2	27.4
120	22.2	18.0	27.0

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#23

Nitrobenzene-d5

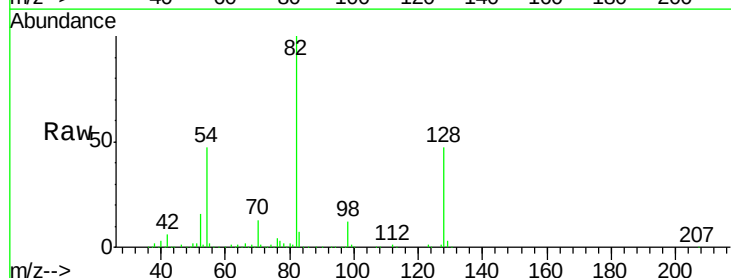
Concen: 76.31 ng

RT: 7.37 min Scan# 506

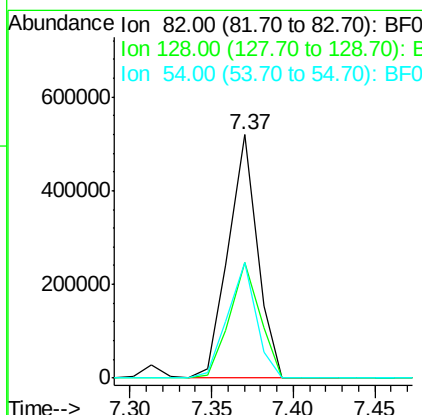
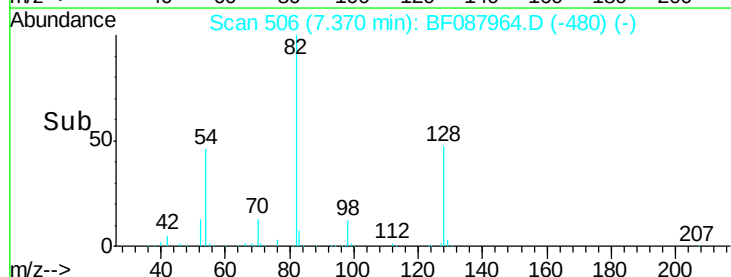
Delta R.T. -0.00 min

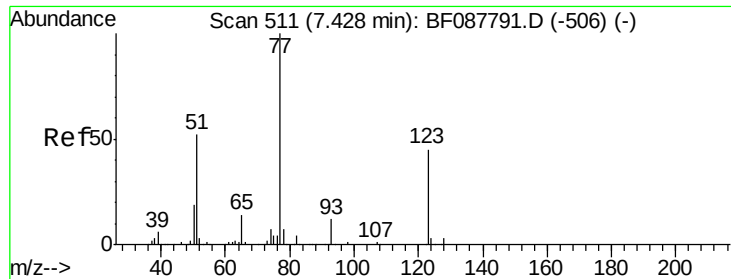
Lab File: BF087964.D

Acq: 12 Jun 2016 22:56



Tgt Ion:	82	Resp:	642504
Ion Ratio	Lower	Upper	
82	100		
128	47.3	35.9	53.9
54	47.5	40.9	61.3





#24

Nitrobenzene

Concen: 48.74 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

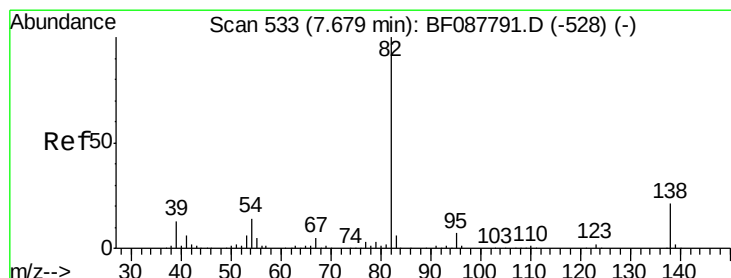
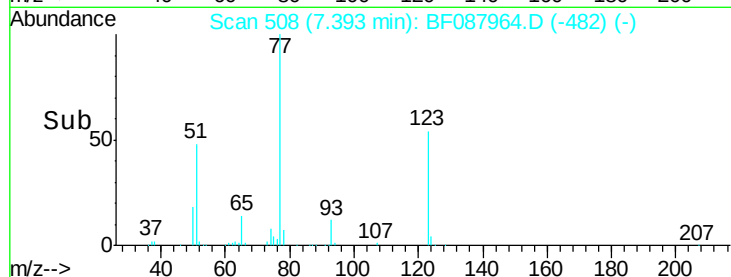
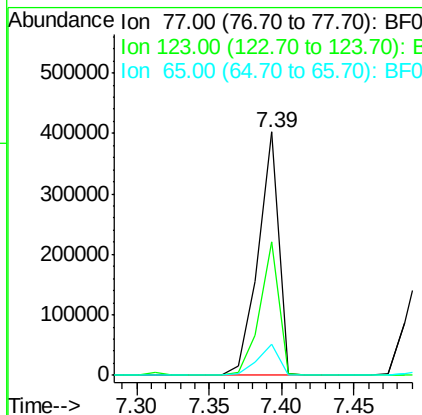
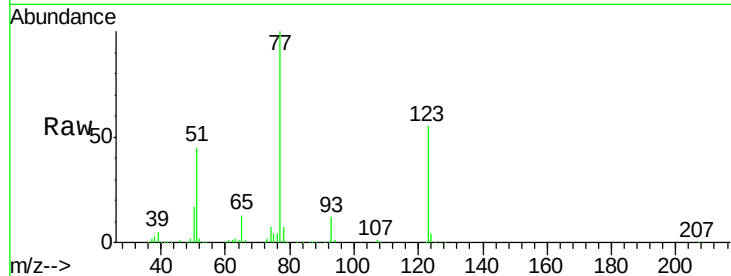
ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion:	77	Resp:	397549
Ion Ratio	Lower	Upper	
77	100		
123	54.6	45.0	67.4
65	12.9	10.2	15.2

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#25

Isophorone

Concen: 42.45 ng

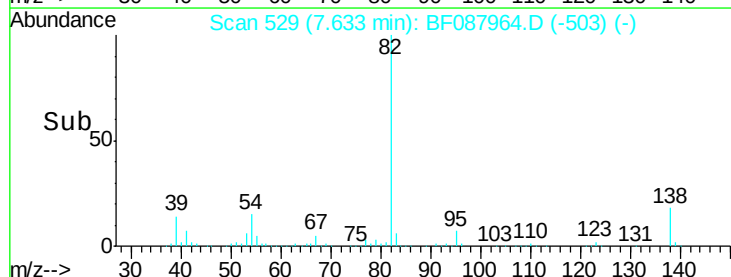
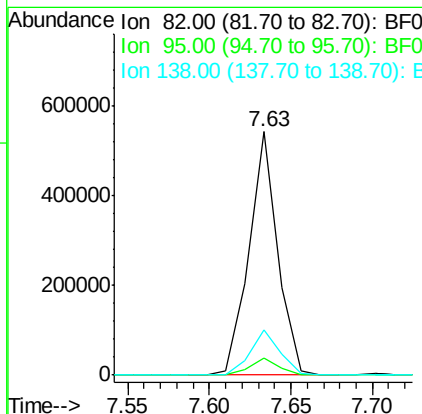
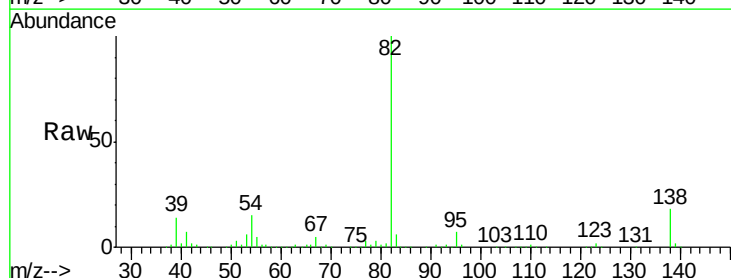
RT: 7.63 min Scan# 529

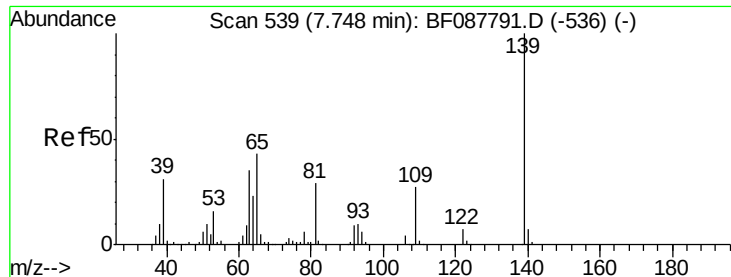
Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion:	82	Resp:	662147
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	18.4	14.6	21.8





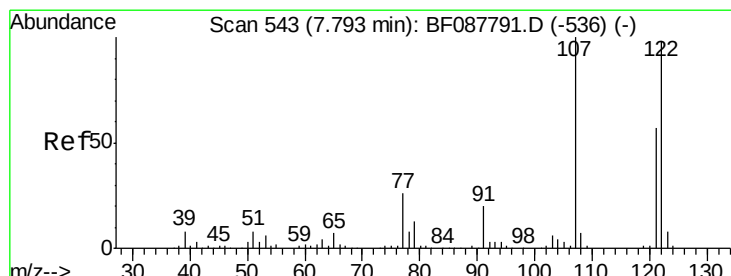
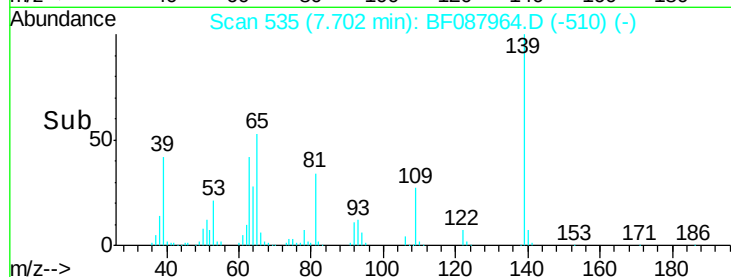
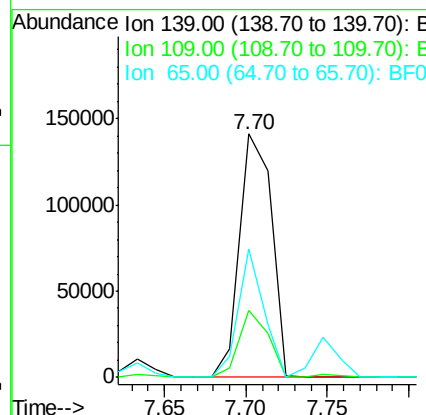
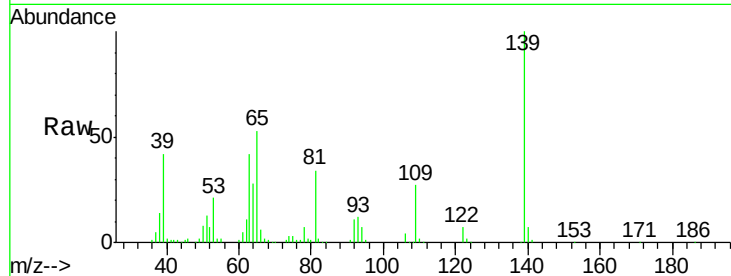
#26
2-Nitrophenol
Concen: 43.85 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100	191581		
109	27.3	23.0	34.4	
65	52.5	45.8	68.8	

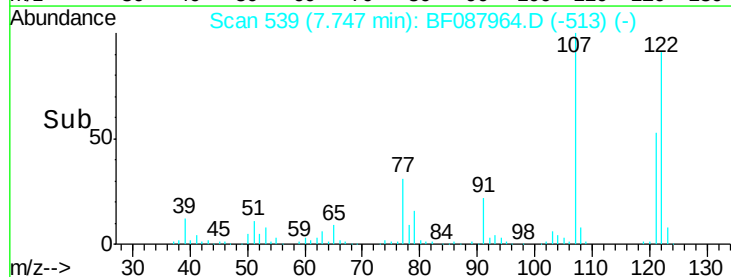
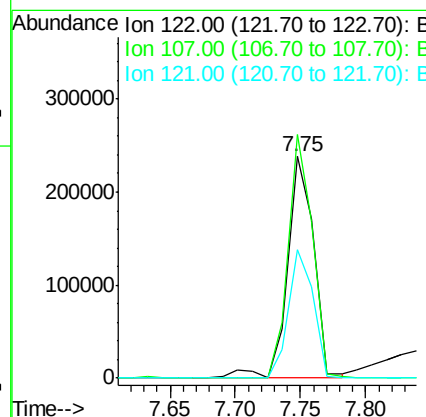
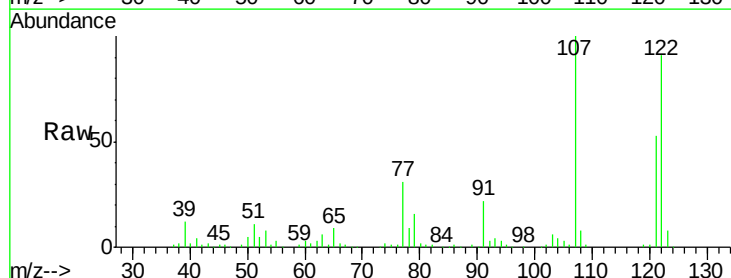
Manual Integrations
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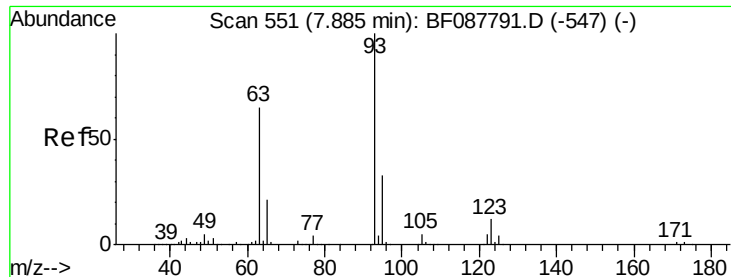
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#27
2,4-Dimethylphenol
Concen: 41.72 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	335596		
107	110.0	82.4	123.6	
121	58.3	46.3	69.5	





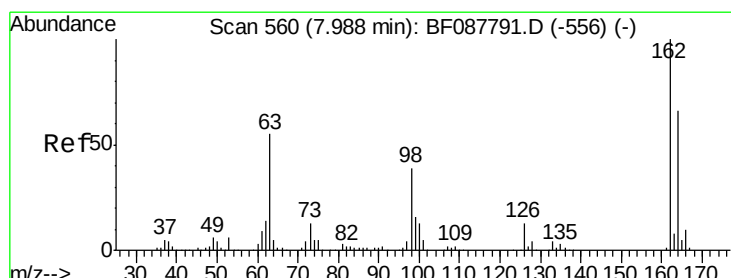
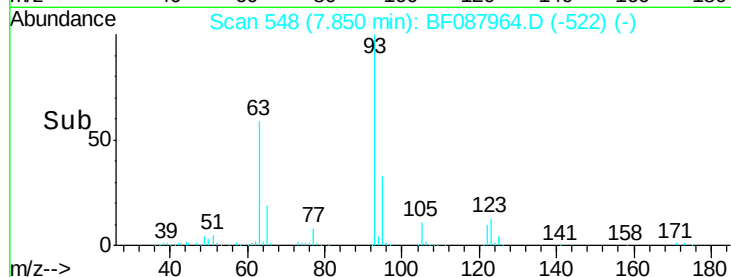
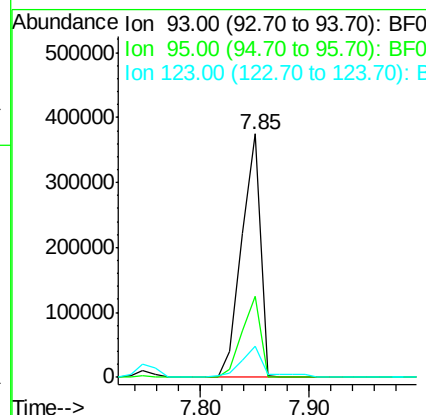
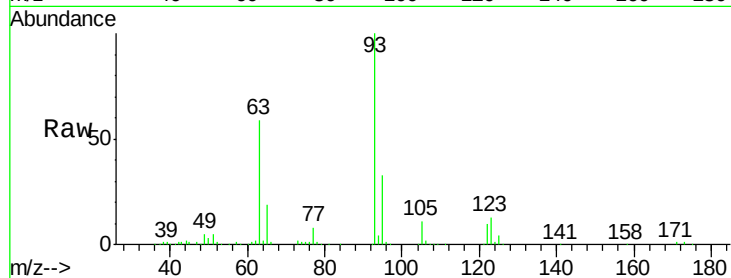
#28
bis(2-Chloroethoxy)methane
Concen: 45.59 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	93	Resp	440998
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.5	39.7
123	13.0	11.6	17.4

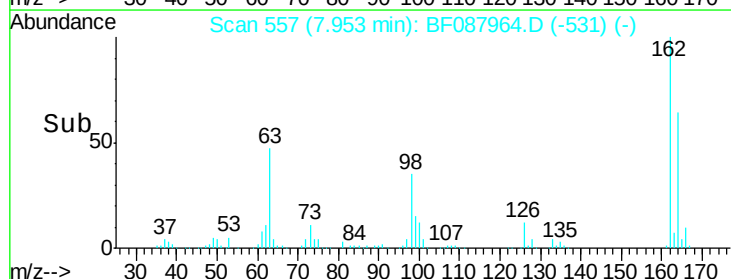
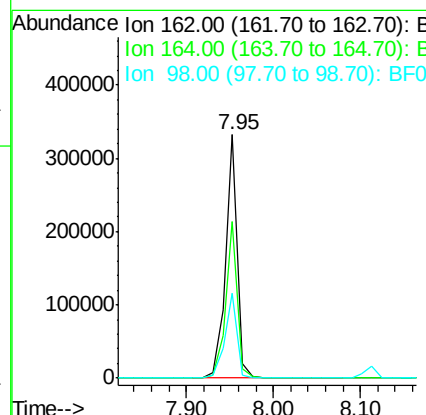
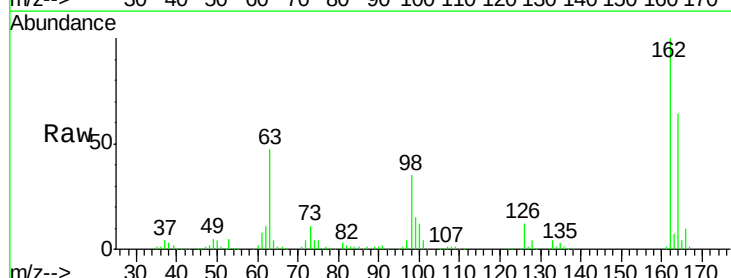
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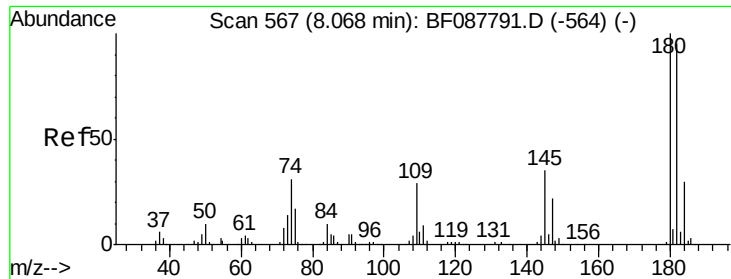
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#29
2,4-Dichlorophenol
Concen: 46.99 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	162	Resp	315587
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.8	83.8
98	35.0	21.3	61.3





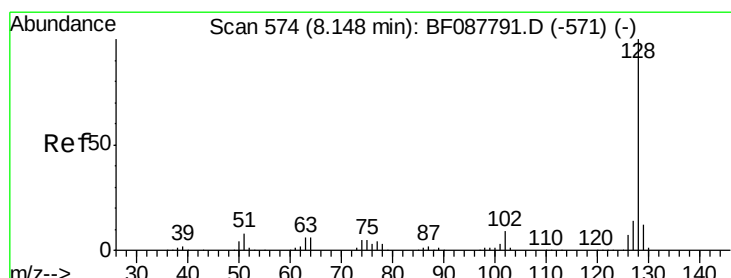
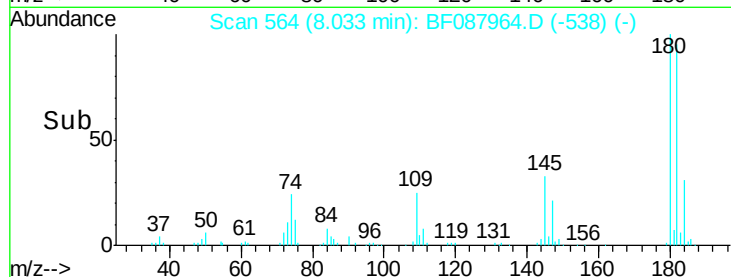
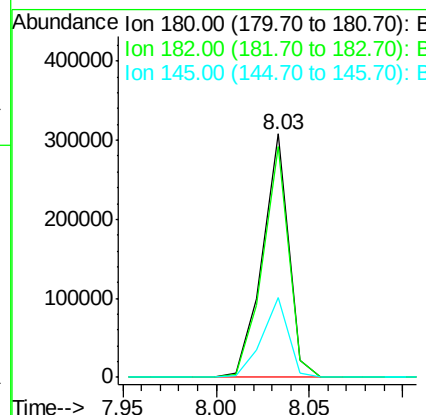
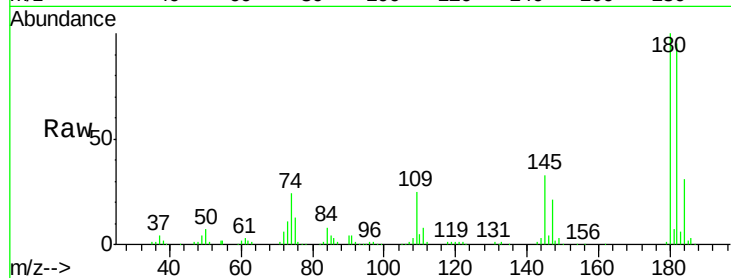
#30
 1,2,4-Trichlorobenzene
 Concen: 40.69 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	297610		
182	94.9	76.0	114.0	
145	33.0	26.5	39.7	

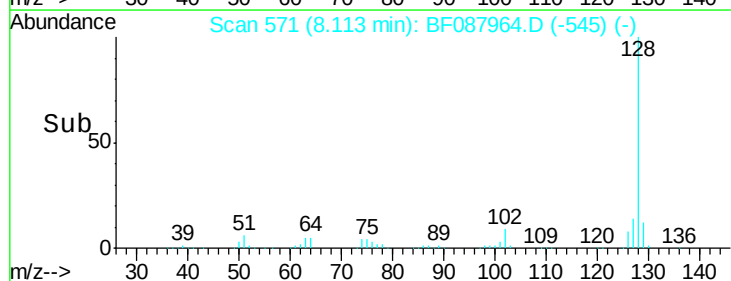
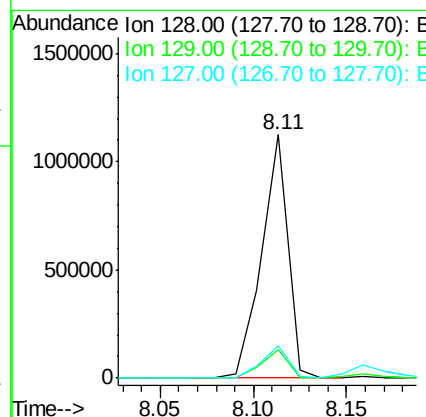
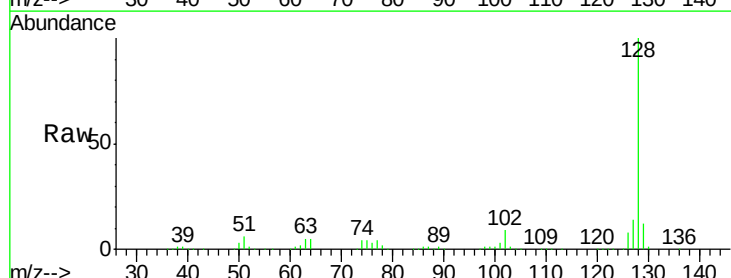
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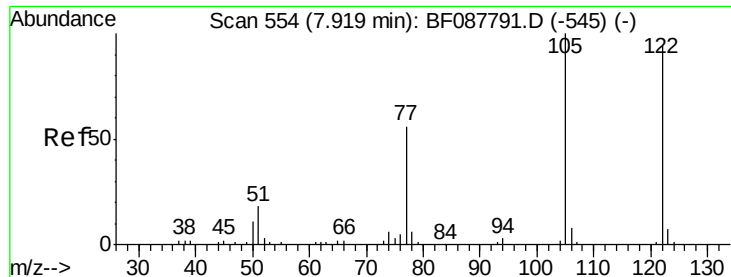
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#31
 Naphthalene
 Concen: 44.91 ng
 RT: 8.11 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1092853		
129	11.6	9.4	14.2	
127	13.6	10.9	16.3	





#32

Benzoic acid

Concen: 54.01 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF087964.D

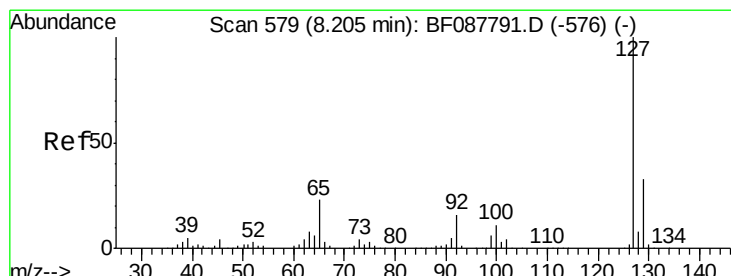
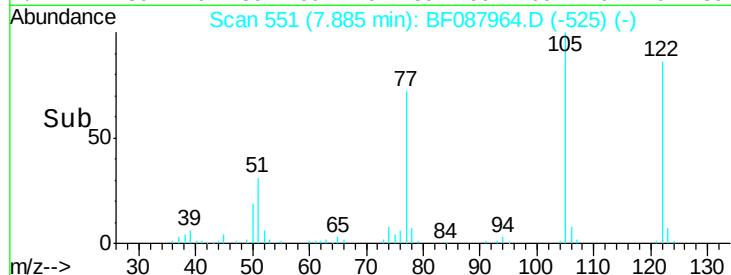
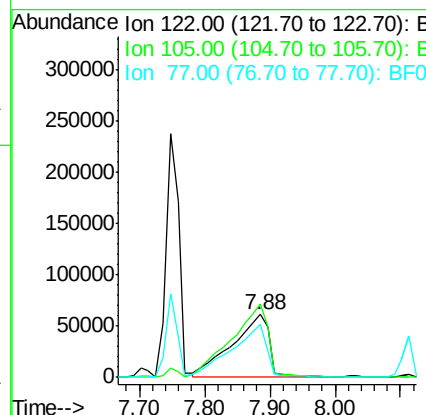
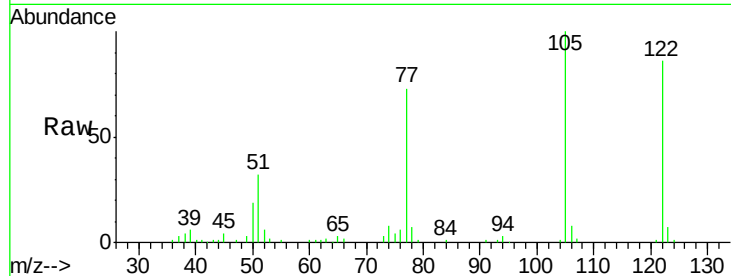
Acq: 12 Jun 2016 22:56

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

Tot Ion:	122	Resp:	239250
Ion Ratio	Lower	Upper	
122	100		
105	116.3	101.6	141.6
77	85.0	70.6	110.6

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#33

4-Chloroaniline

Concen: 8.55 ng

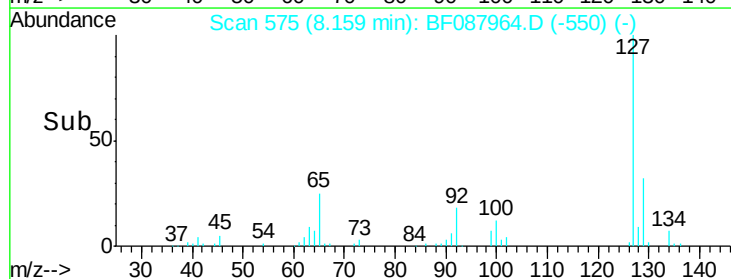
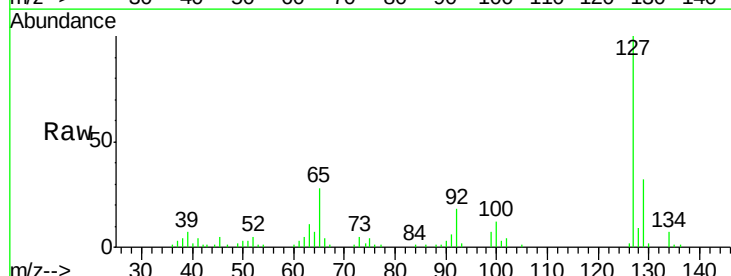
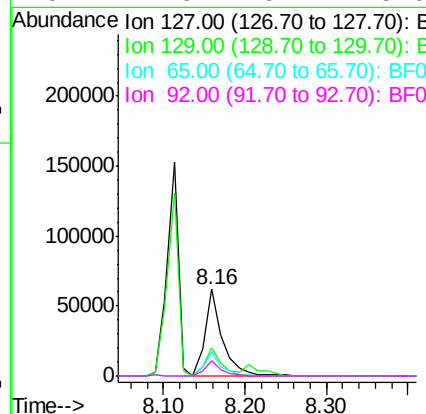
RT: 8.16 min Scan# 575

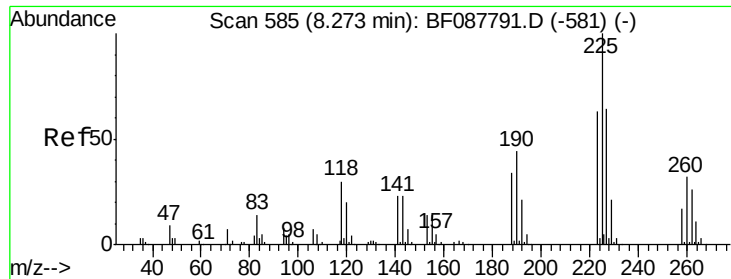
Delta R.T. -0.01 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion:	127	Resp:	92924
Ion Ratio	Lower	Upper	
127	100		
129	31.8	26.3	39.5
65	27.8	24.7	37.1
92	17.6	15.4	23.0





#34

Hexachlorobutadiene

Concen: 37.98 ng

RT: 8.23 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

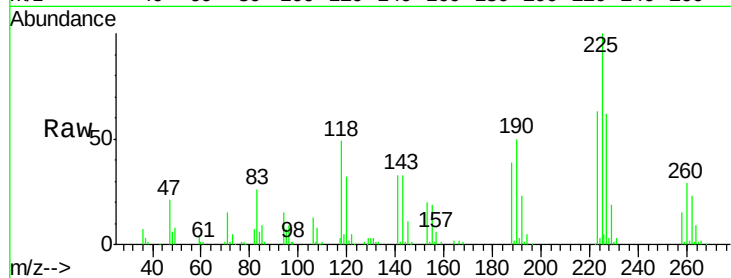
ClientSampleId :

STA-1000-(0-4)MSD

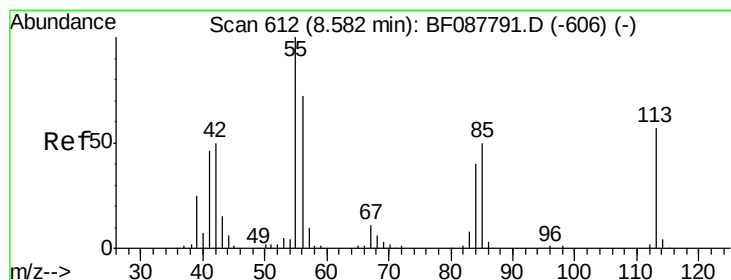
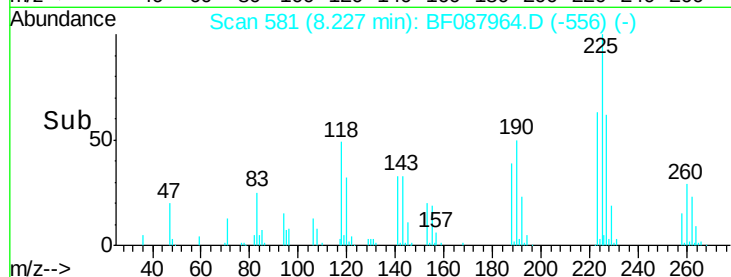
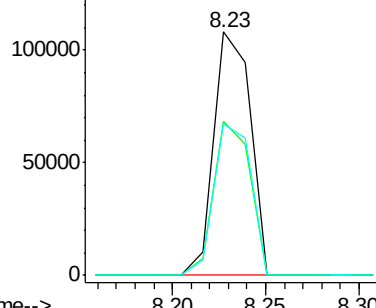
Tot Ion:	225	Resp:	146483
Ion Ratio		Lower	Upper
225	100		
223	63.0	50.9	76.3
227	62.4	51.9	77.9

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 41.67 ng m

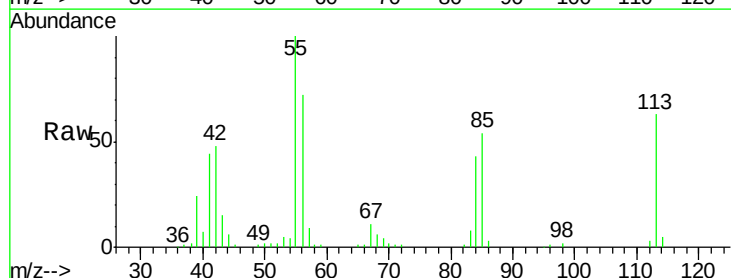
RT: 8.55 min Scan# 609

Delta R.T. -0.00 min

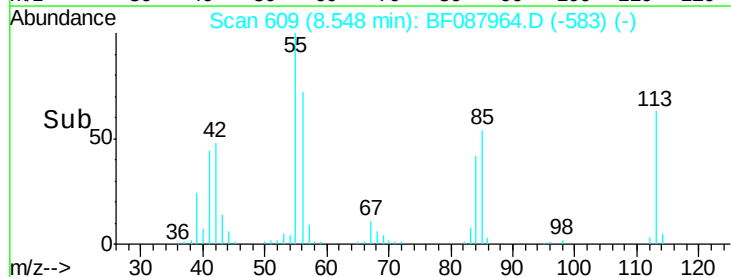
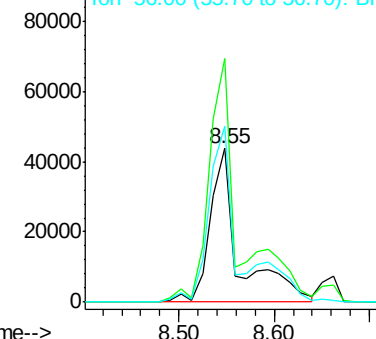
Lab File: BF087964.D

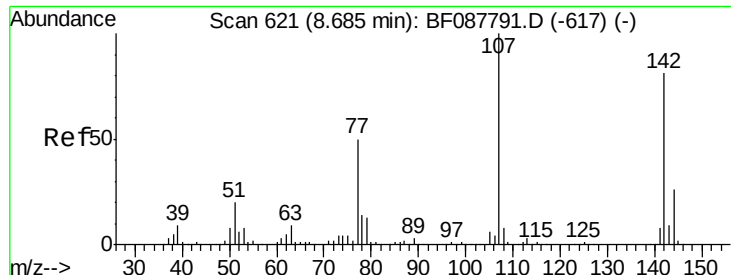
Acq: 12 Jun 2016 22:56

Tgt Ion:	113	Resp:	92705
Ion Ratio		Lower	Upper
113	100		
55	158.6	158.6	198.6
56	114.1	110.6	150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





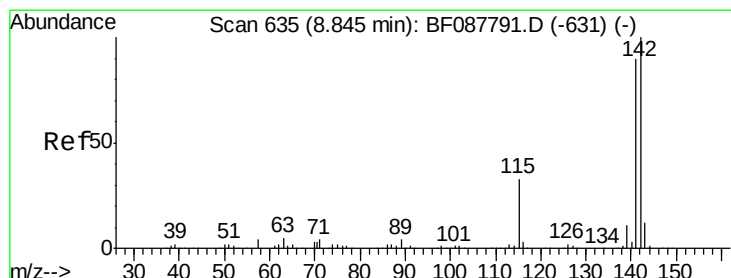
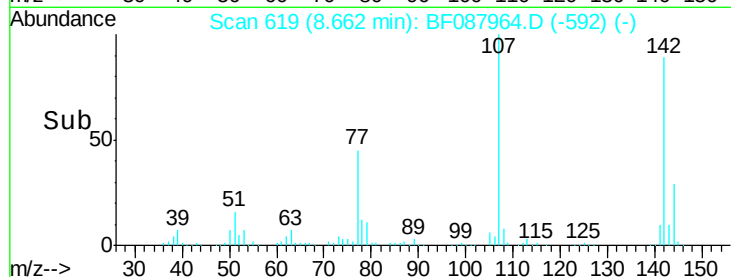
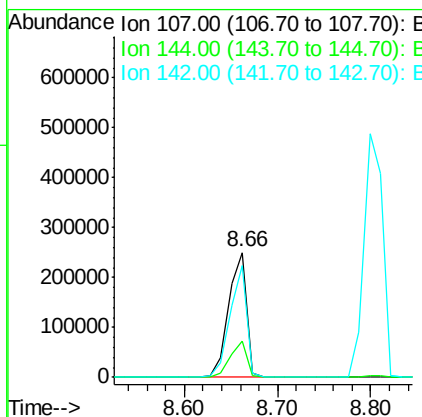
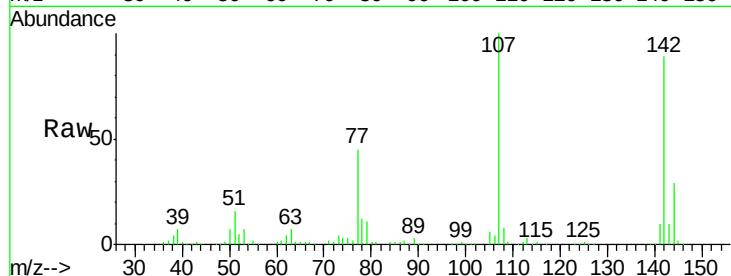
#36
 4-Chloro-3-methylphenol
 Concen: 47.03 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	29.1	20.8	31.2
142	89.4	63.4	95.2

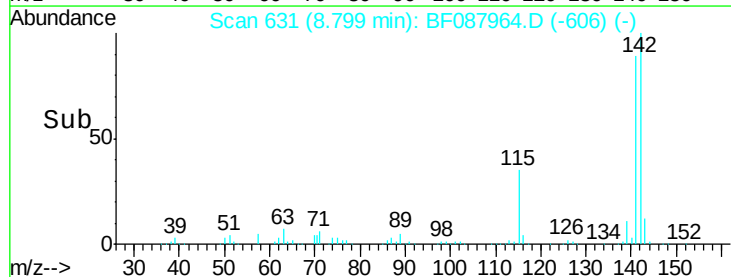
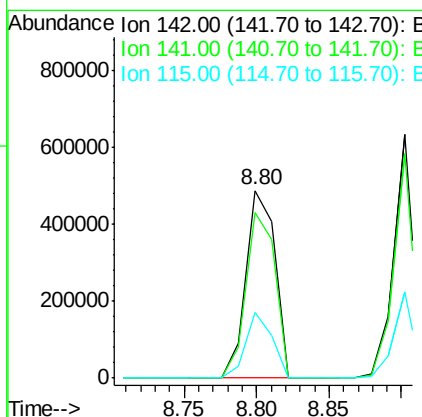
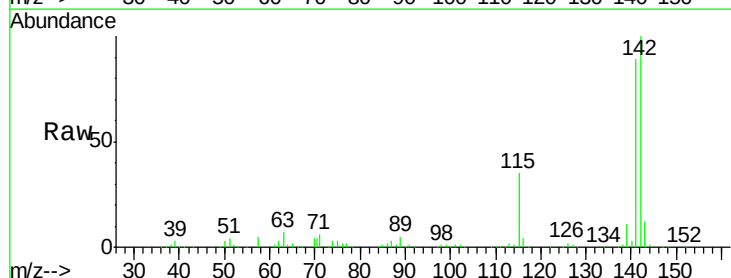
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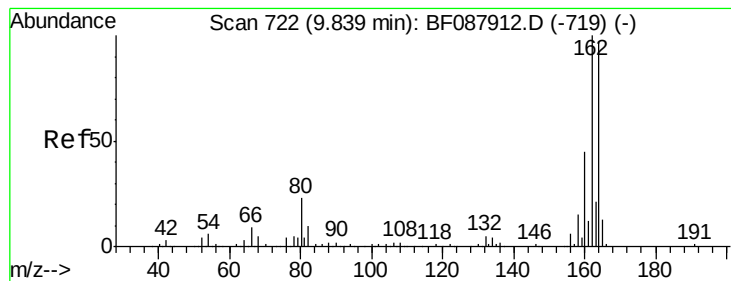
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#37
 2-Methylnaphthalene
 Concen: 42.53 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	34.7	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: BF087964.D

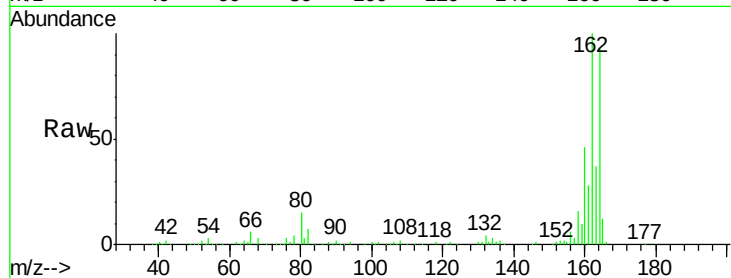
Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MSD



Tot Ion:164 Resp: 229958

Ion Ratio Lower Upper

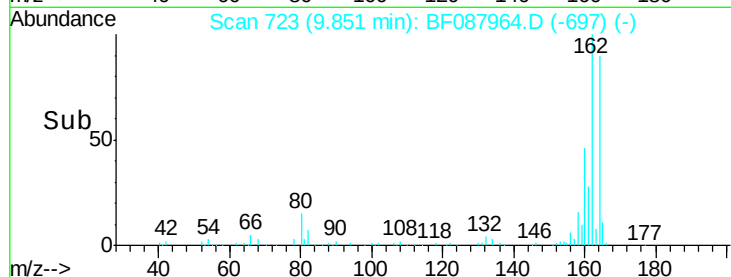
164 100

162 107.8 85.4 128.2

160 49.3 39.5 59.3

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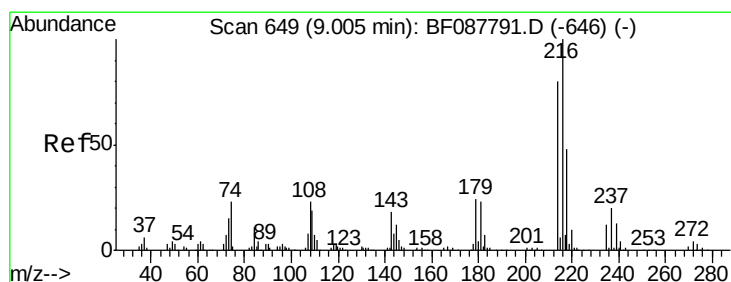
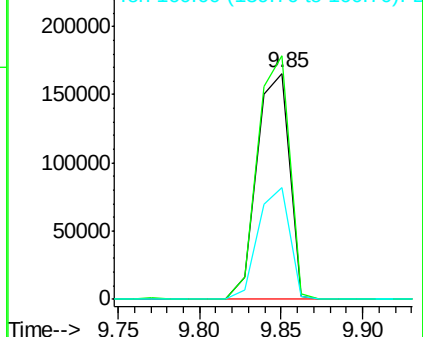
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Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.69 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion:216 Resp: 268117

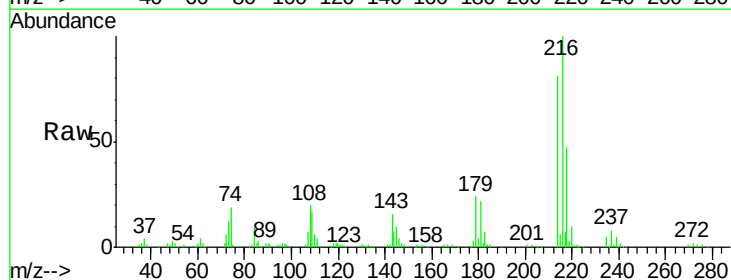
Ion Ratio Lower Upper

216 100

214 80.2 2.9 4.3#

179 23.2 0.0 0.0#

108 23.4 0.5 0.7#

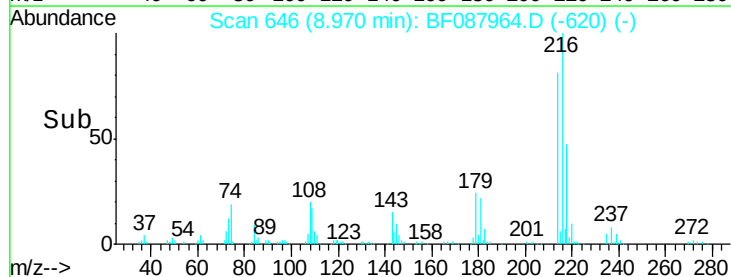
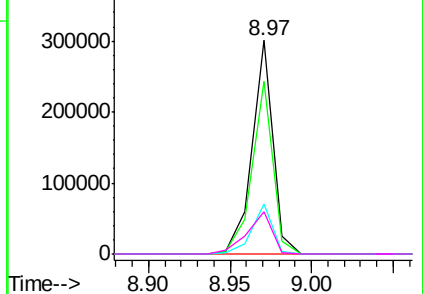


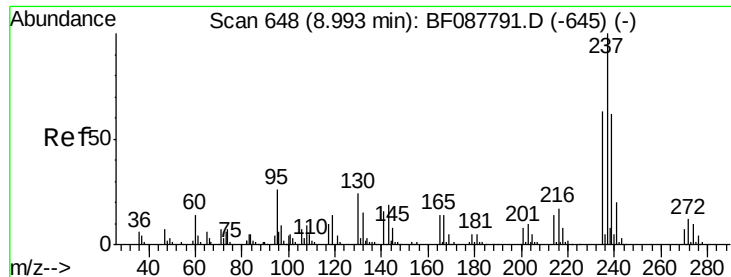
Abundance Ion 216.00 (215.70 to 216.70): E

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





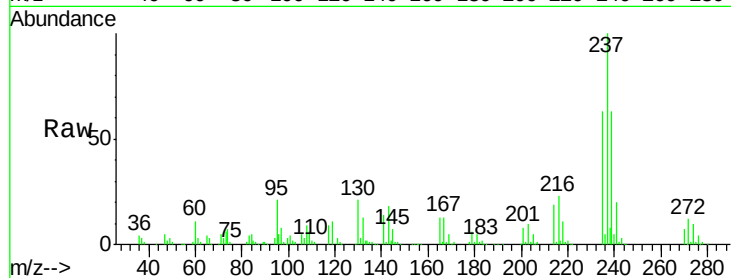
#40
Hexachlorocyclopentadiene
Concen: 64.90 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

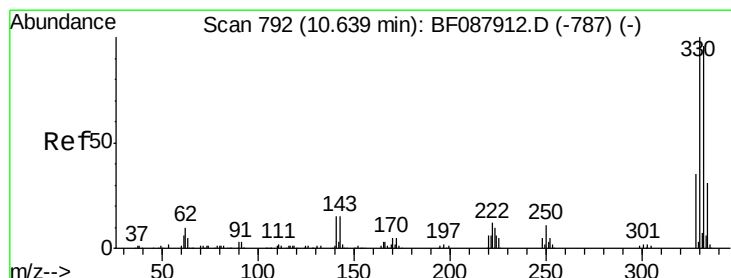
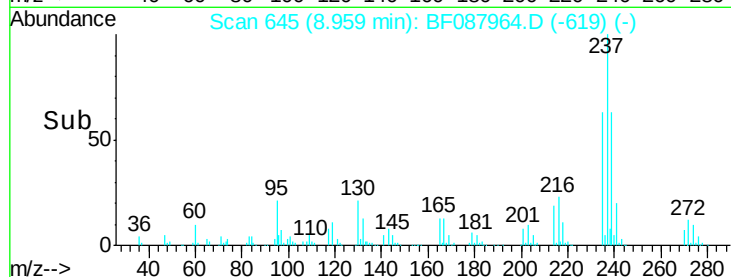
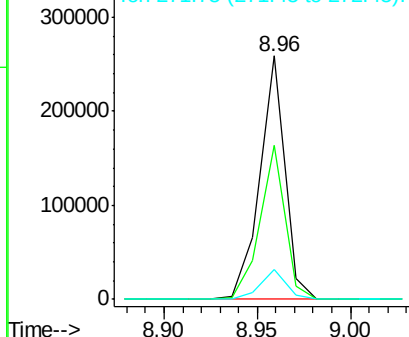
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	43.4	83.4
272	12.4	0.0	32.3

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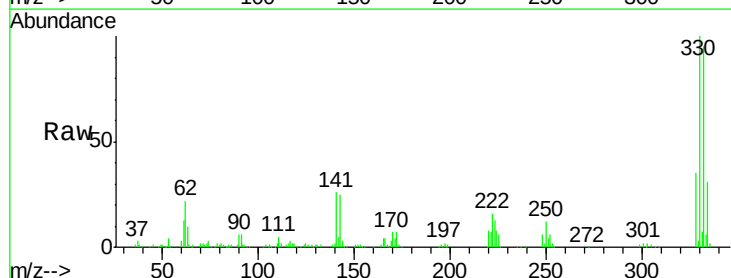


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

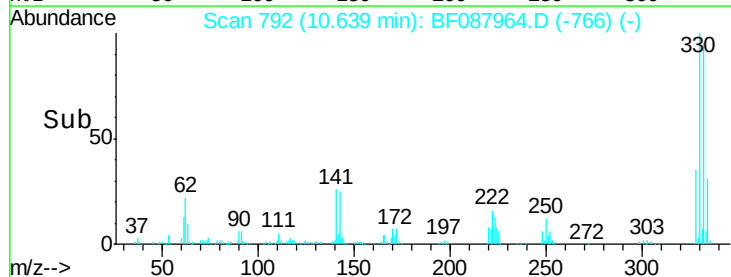
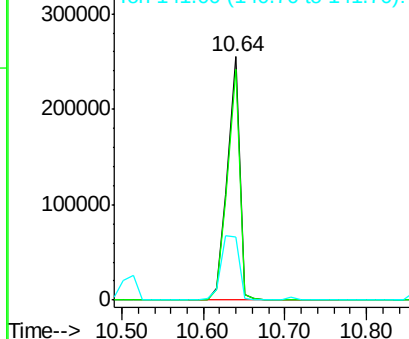


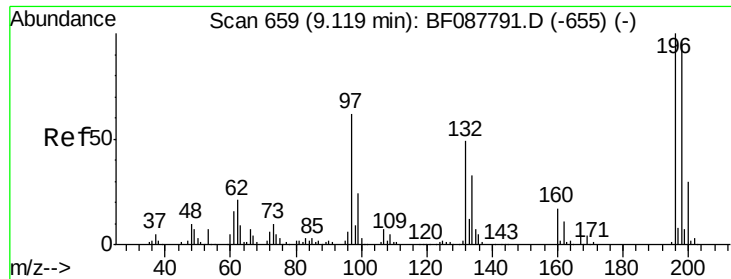
#41
2,4,6-Tribromophenol
Concen: 110.16 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	37.8	0.0	0.0#



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





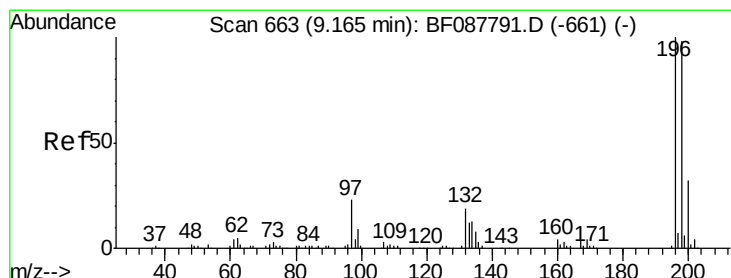
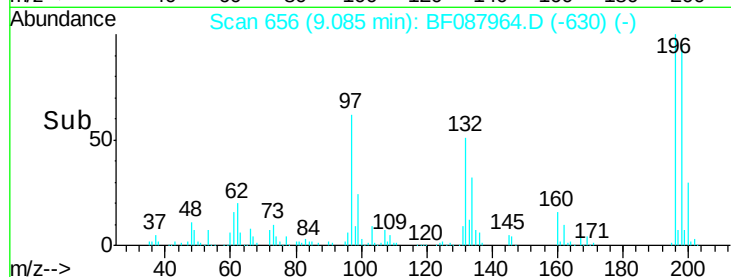
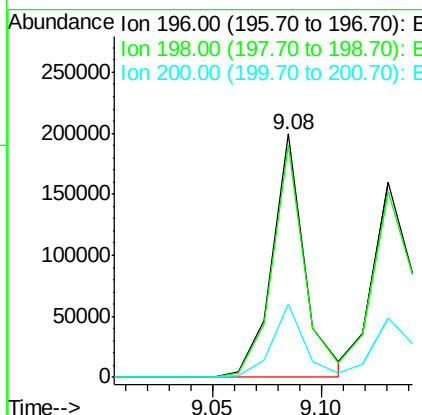
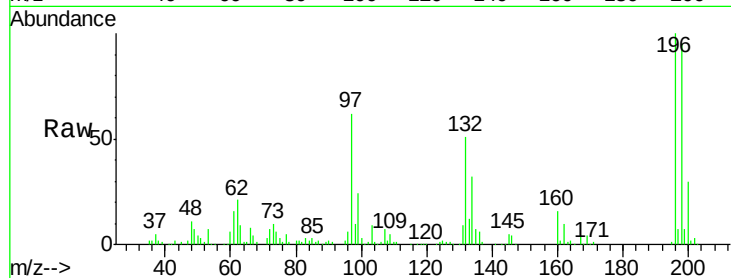
#42
2,4,6-Trichlorophenol
Concen: 45.27 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	208174		
198	95.4	78.0	117.0	
200	29.9	25.4	38.2	

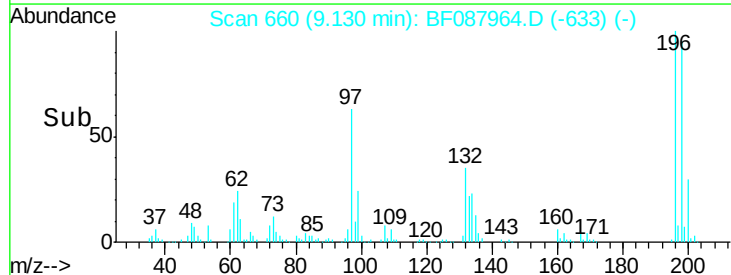
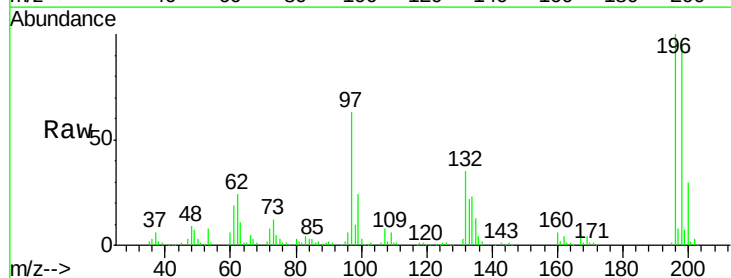
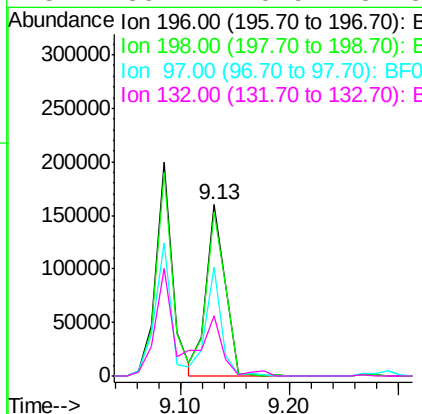
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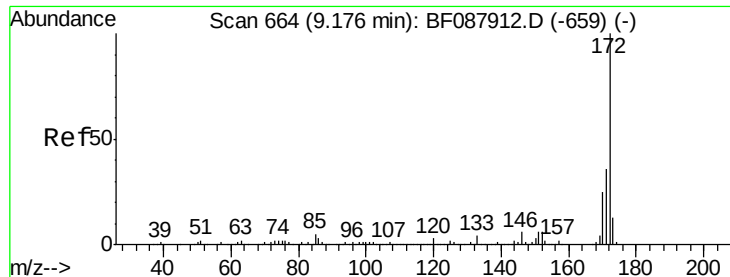
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#43
2,4,5-Trichlorophenol
Concen: 41.28 ng
RT: 9.13 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197507		
198	95.3	77.5	116.3	
97	63.3	32.0	48.0#	
132	35.2	20.9	31.3#	





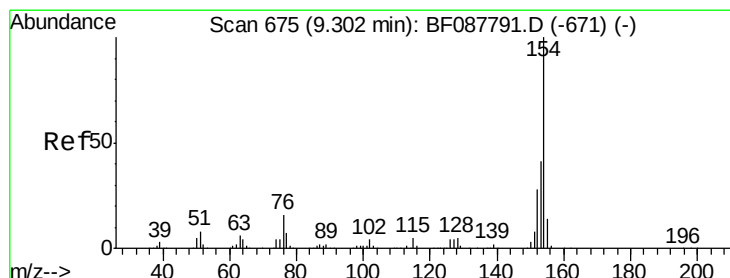
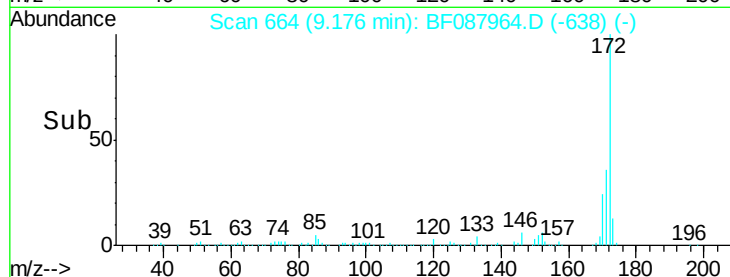
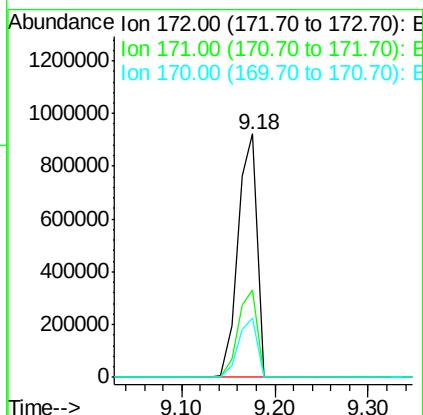
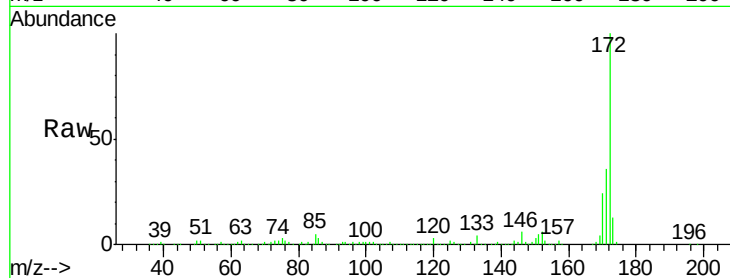
#44
2-Fluorobiphenyl
Concen: 89.19 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.5	19.2	28.8

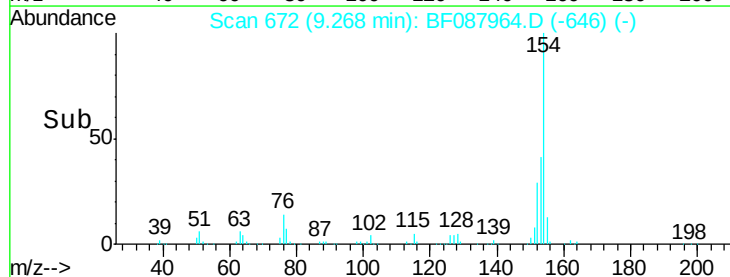
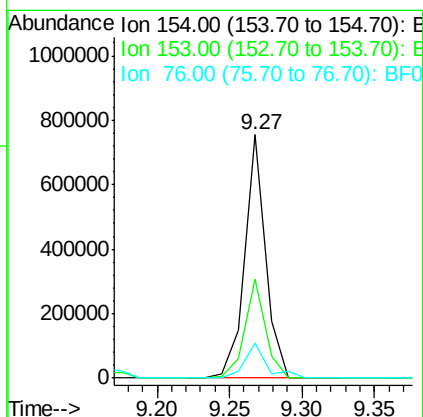
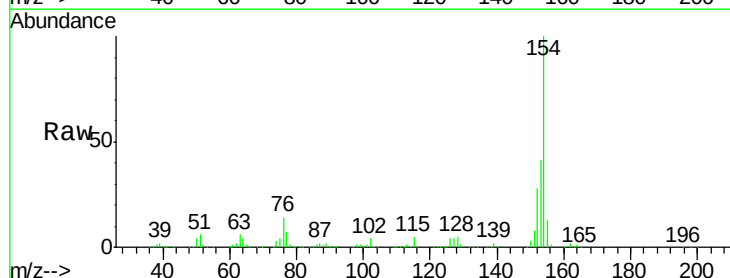
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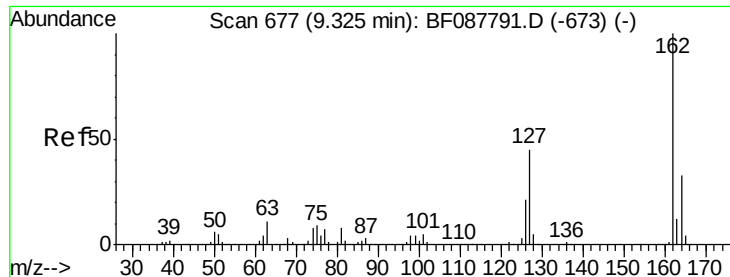
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#45
1,1'-Biphenyl
Concen: 43.23 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	14.4	0.0	35.1





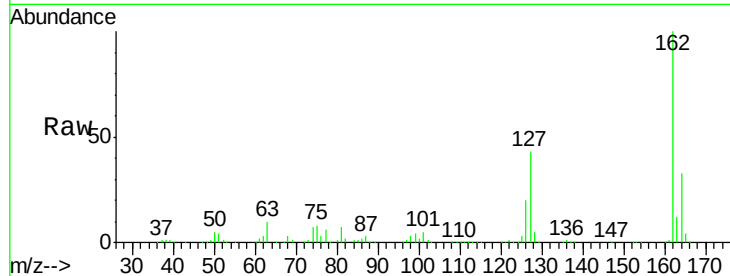
#46
2-Chloronaphthalene
Concen: 41.08 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

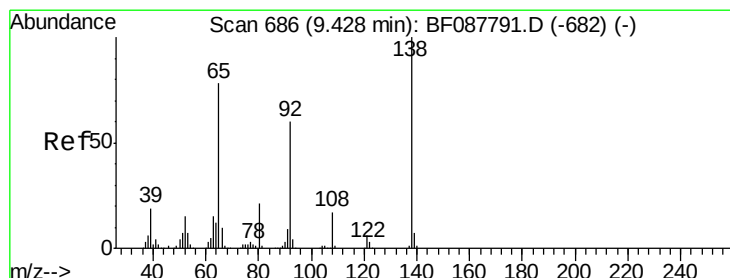
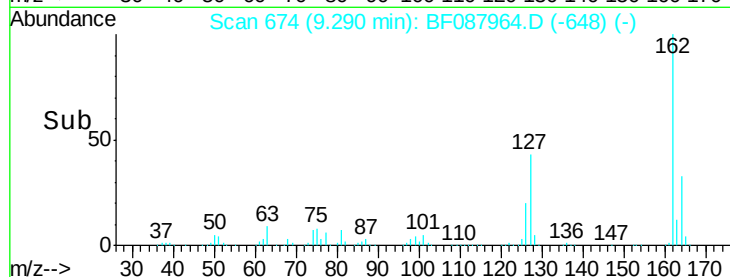
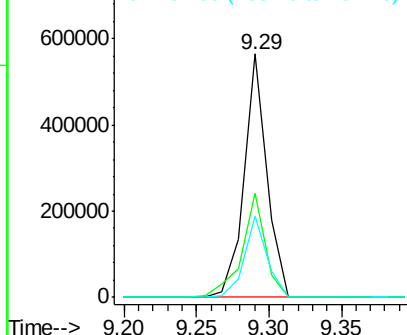
Tot Ion	Ratio	Resp	Lower	Upper
162	100	611354		
127	43.0	35.2	52.8	
164	33.1	26.6	39.8	

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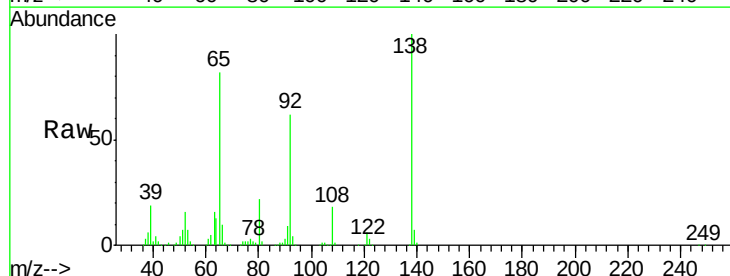


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

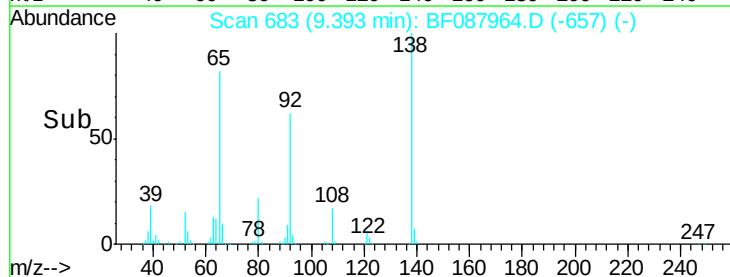
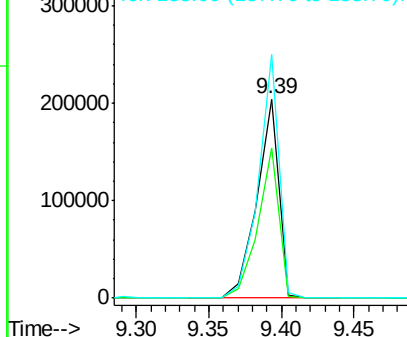


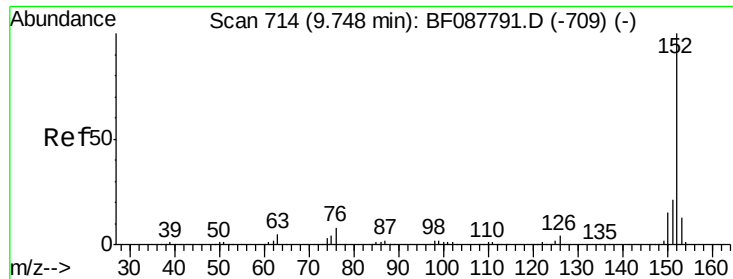
#47
2-Nitroaniline
Concen: 48.63 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	213472		
92	75.3	54.6	82.0	
138	122.3	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





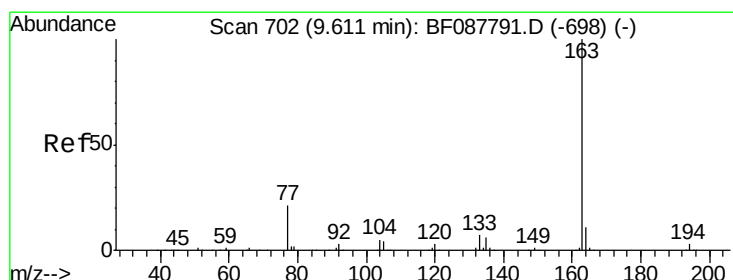
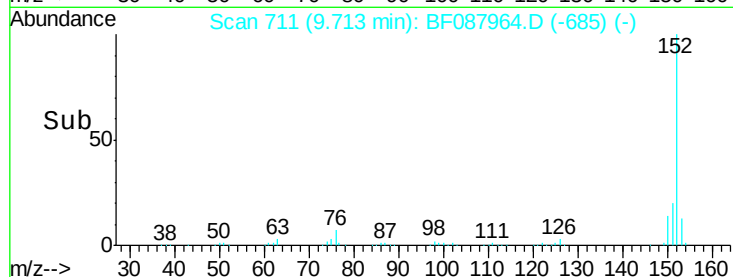
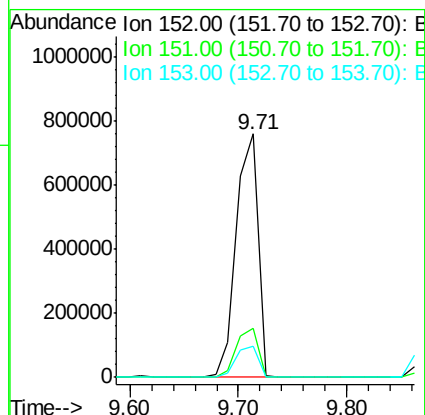
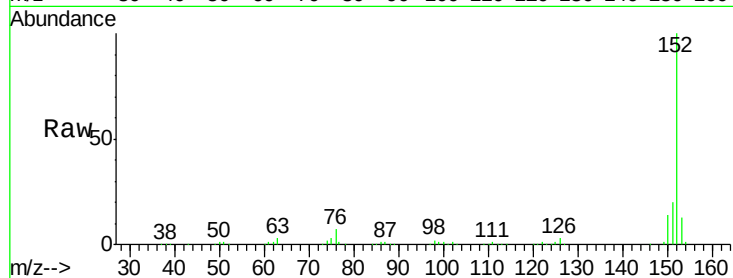
#48
Acenaphthylene
Concen: 43.88 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	13.0	11.0	16.6

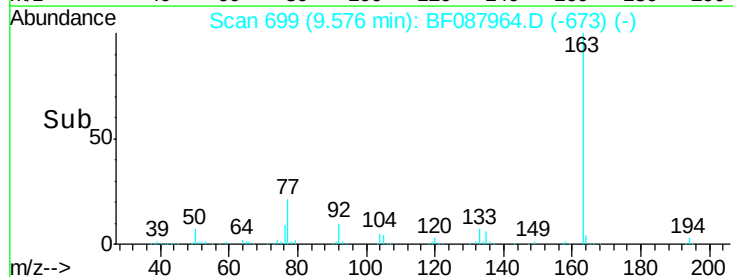
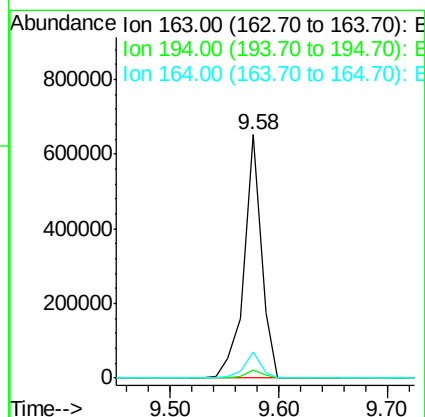
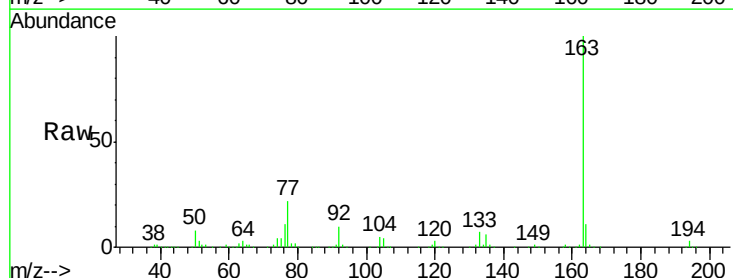
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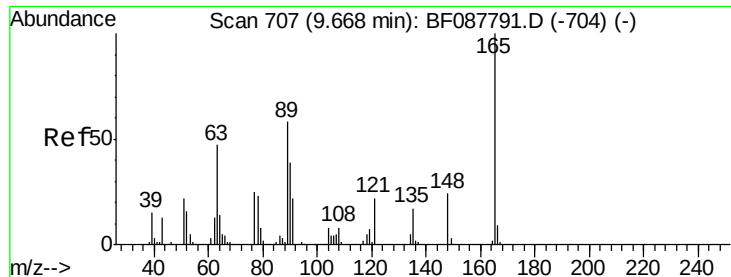
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#49
Dimethylphthalate
Concen: 42.97 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.7	8.3	12.5





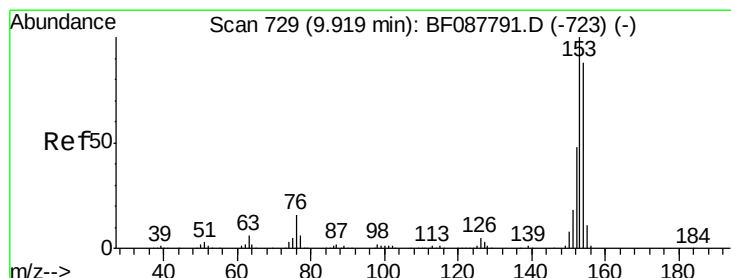
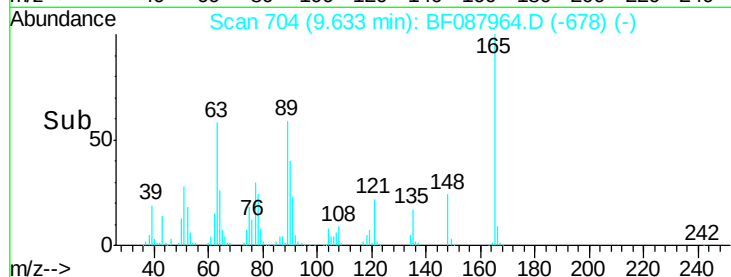
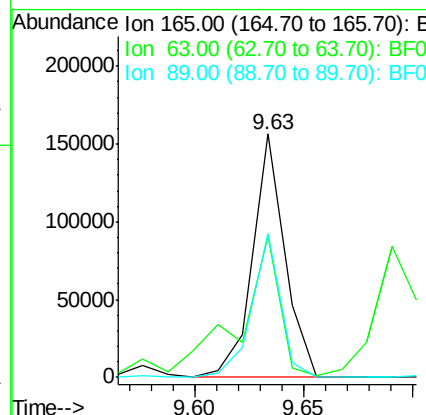
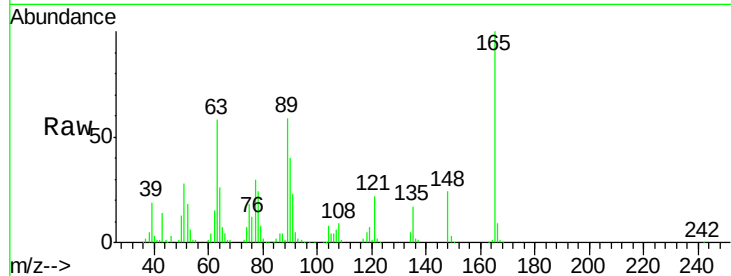
#50
 2,6-Dinitrotoluene
 Concen: 42.14 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	57.8	28.1	42.1#
89	59.1	32.2	48.2#

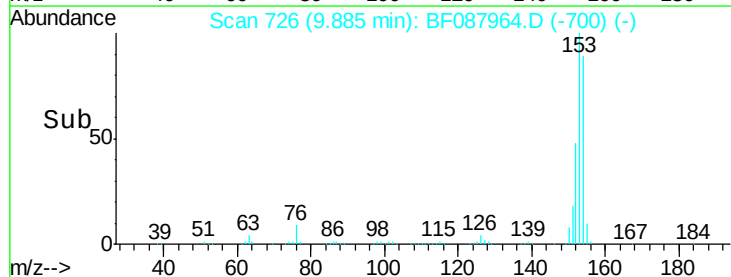
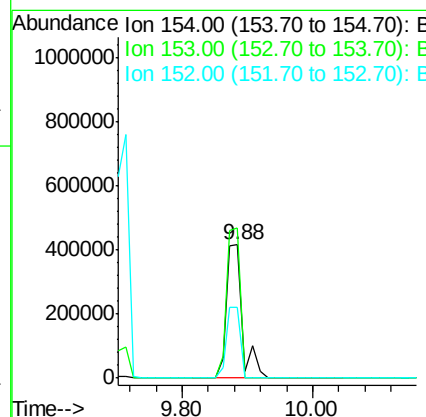
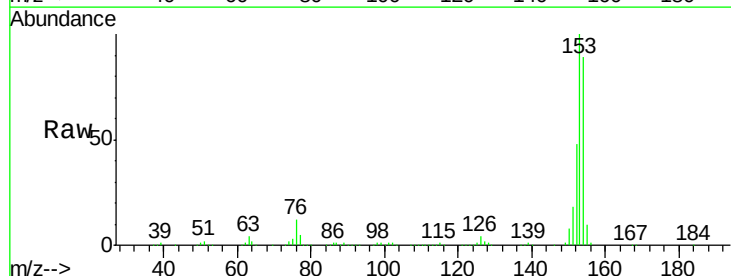
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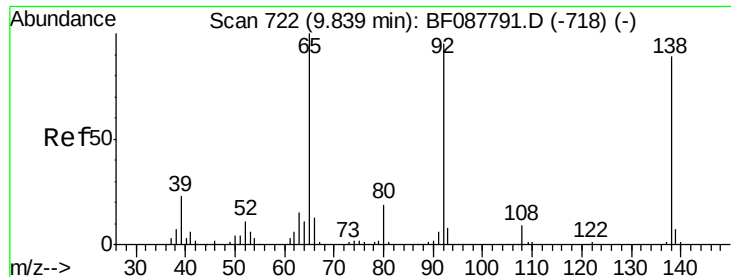
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#51
 Acenaphthene
 Concen: 48.34 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.5	89.5	134.3
152	53.6	42.7	64.1





#52

3-Nitroaniline

Concen: 22.37 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

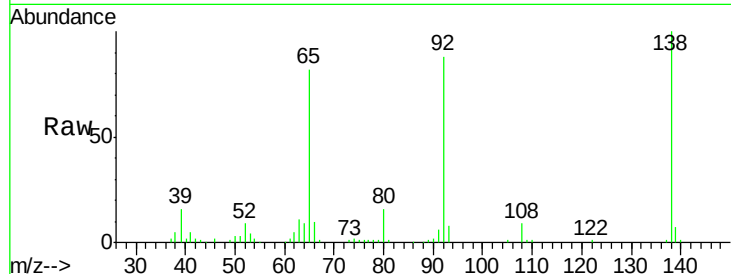
ClientSampleId :

STA-1000-(0-4)MSD

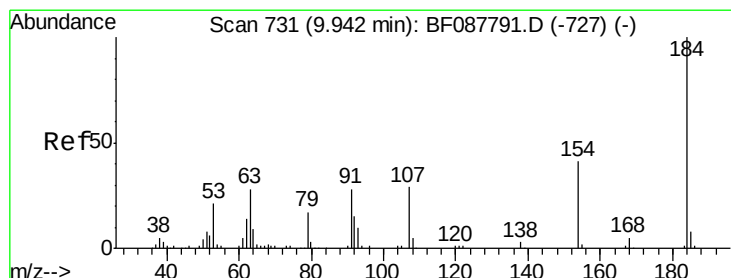
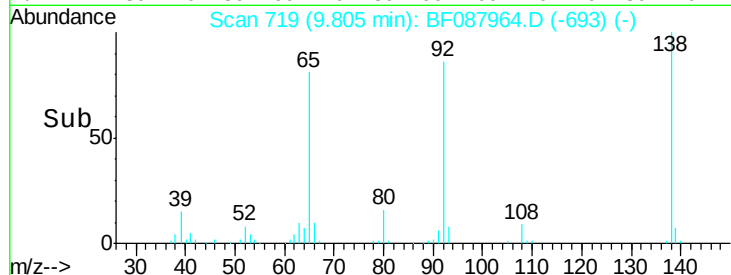
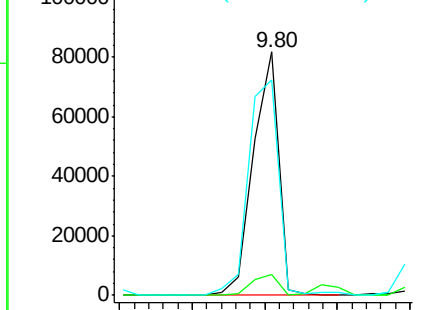
Tot Ion:	138	Resp:	98473
Ion Ratio	Lower	Upper	
138	100		
108	8.6	8.5	12.7
92	88.4	95.7	143.5#

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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): E



#53

2,4-Dinitrophenol

Concen: 78.68 ng

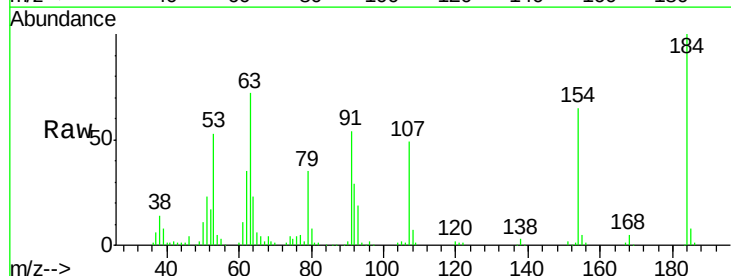
RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

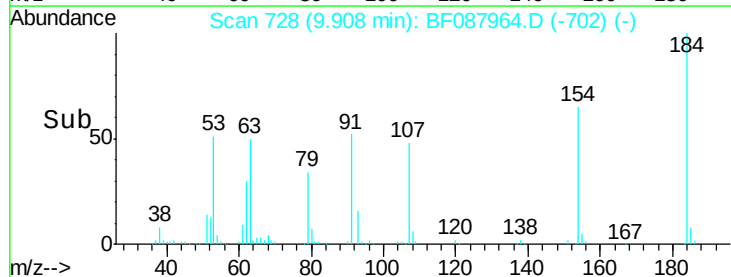
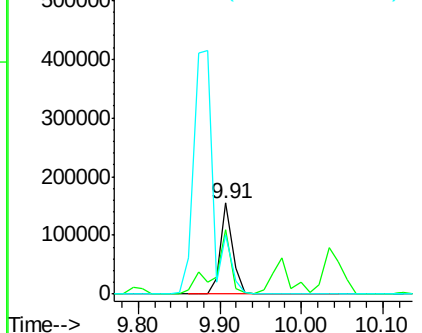
Lab File: BF087964.D

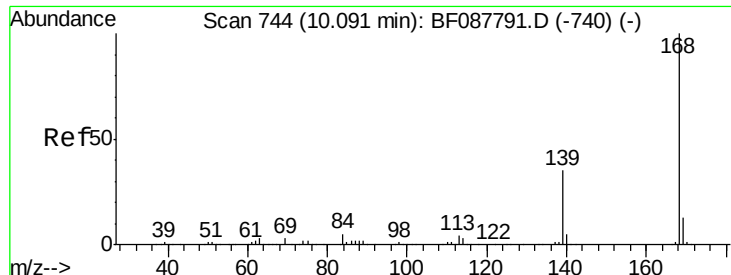
Acq: 12 Jun 2016 22:56

Tgt Ion:	184	Resp:	163799
Ion Ratio	Lower	Upper	
184	100		
63	71.6	57.6	86.4
154	64.7	53.5	80.3



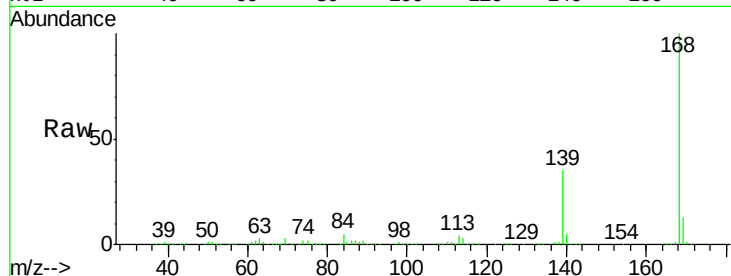
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54
Dibenzenofuran
Concen: 46.25 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

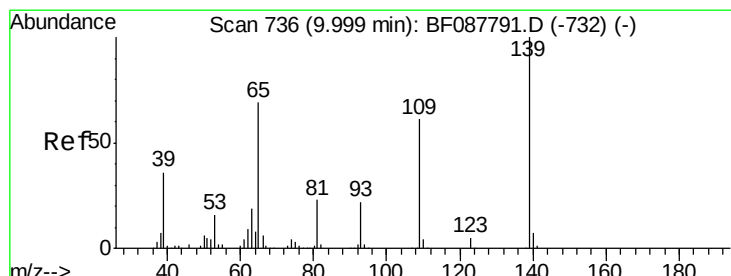
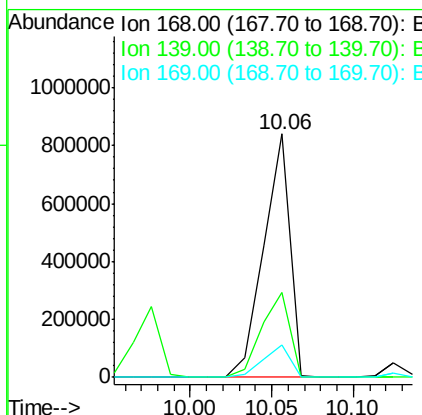
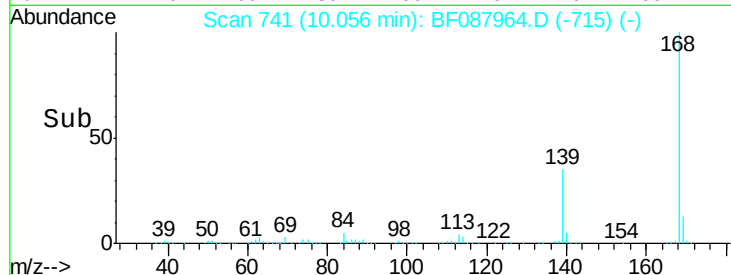
Instrument :
BNA_F
ClientSampleId :
STA-1000-(0-4)MSD



Tot Ion:	168	Resp:	940441
Ion Ratio	Lower	Upper	
168	100		
139	35.1	26.4	39.6
169	13.3	10.4	15.6

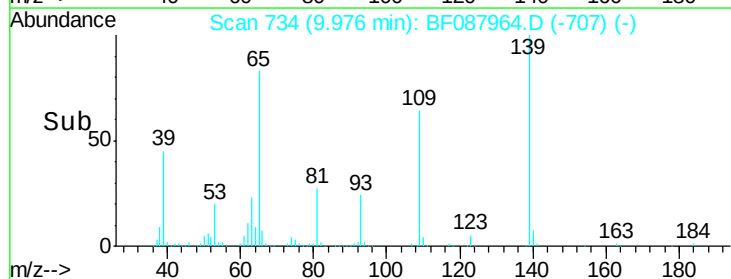
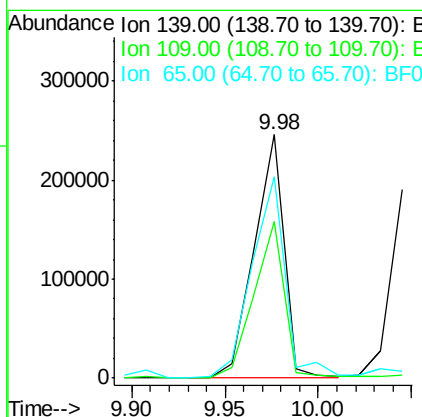
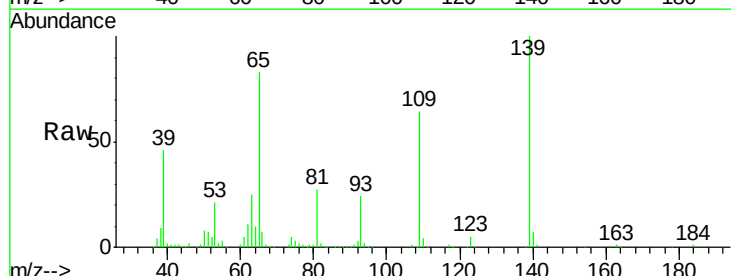
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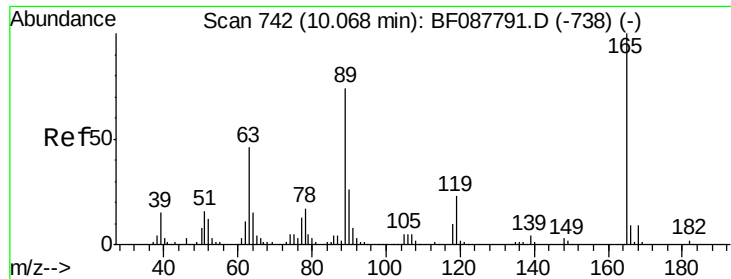
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#55
4-Nitrophenol
Concen: 79.84 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion:	139	Resp:	272773
Ion Ratio	Lower	Upper	
139	100		
109	64.2	48.9	88.9
65	82.8	84.9	124.9#





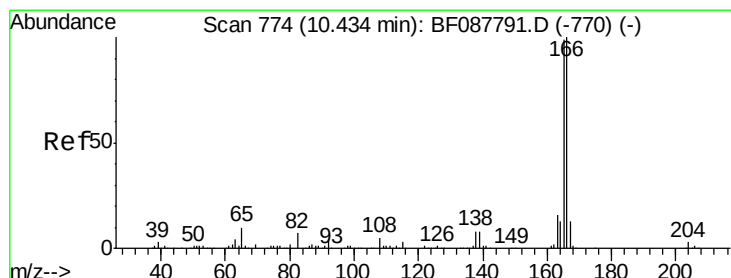
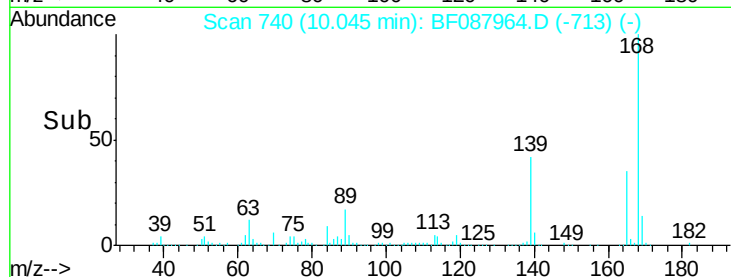
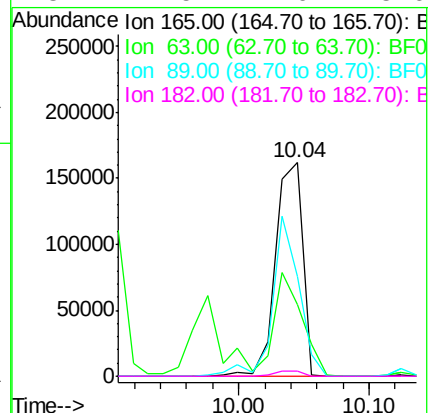
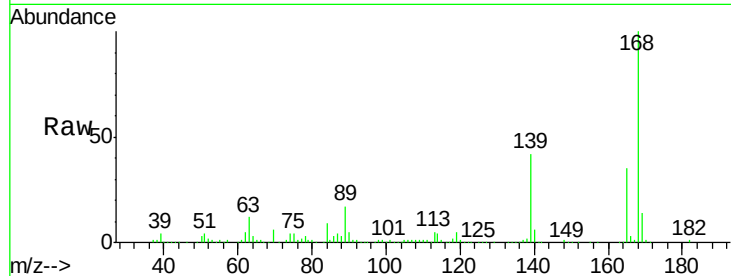
#56
2,4-Dinitrotoluene
Concen: 47.96 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		235124		
63	33.8	22.0	33.0#		
89	46.5	41.1	61.7		
182	2.5	2.0	3.0		

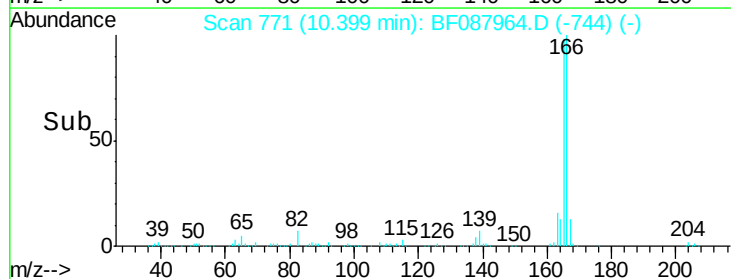
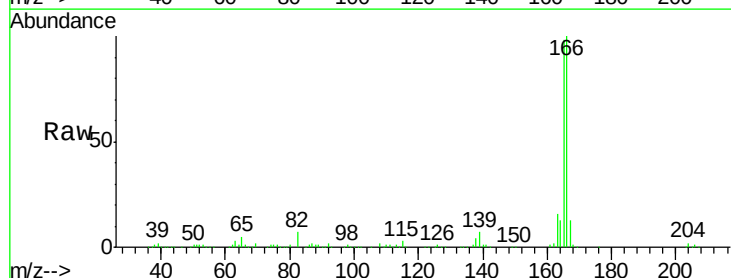
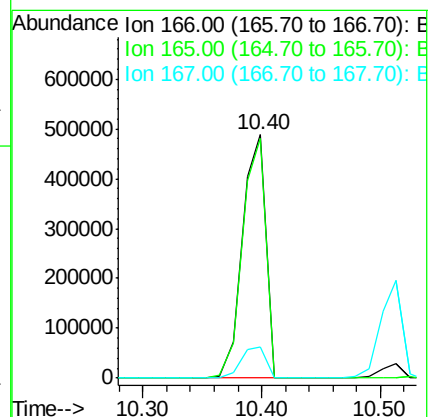
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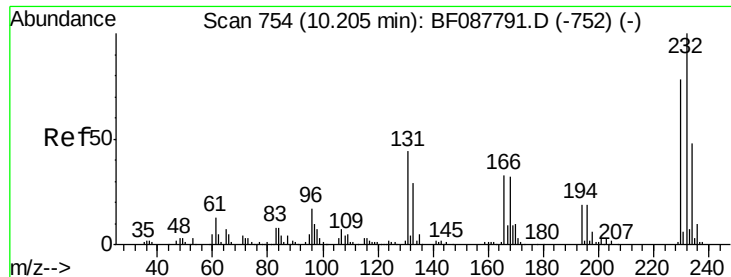
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#57
Fluorene
Concen: 49.02 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		667750		
165	98.5	77.8	116.8		
167	13.0	11.2	16.8		





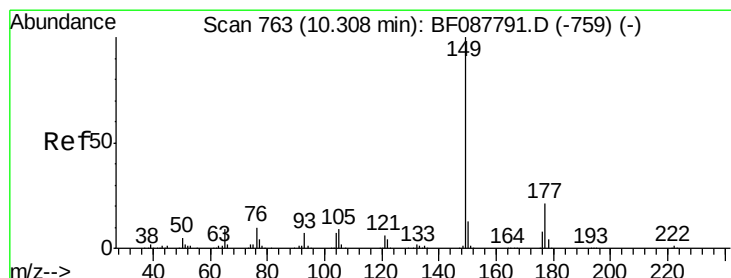
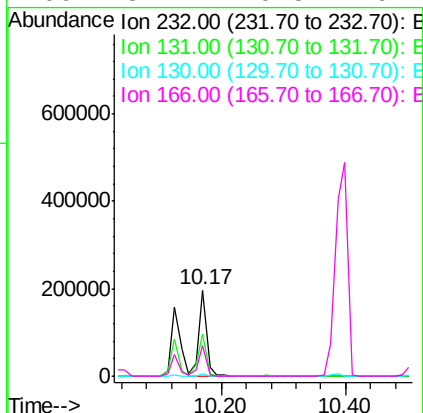
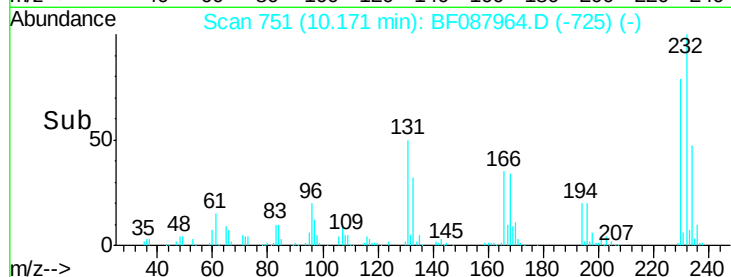
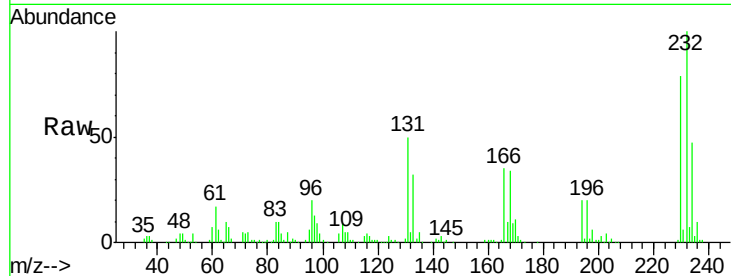
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.03 ng
 RT: 10.17 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	176835		
131	51.5	0.9	1.3#	
130	2.5	1.5	2.3#	
166	34.4	0.5	0.7#	

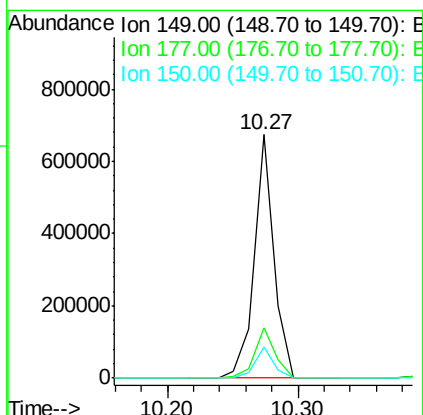
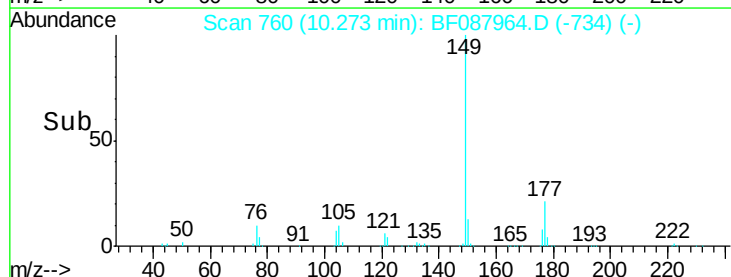
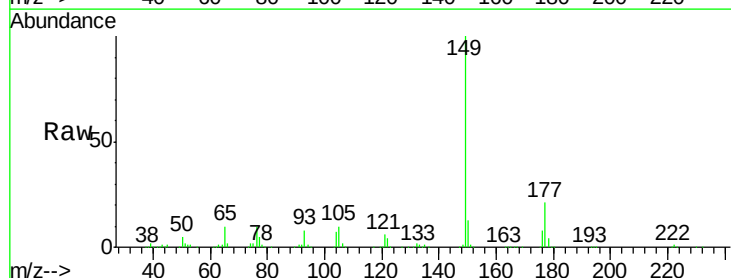
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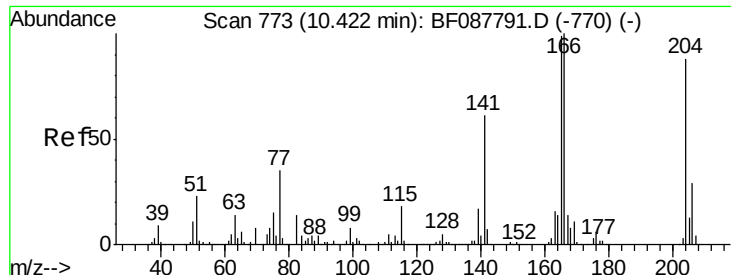
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#59
 Diethylphthalate
 Concen: 41.95 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	707338		
177	20.6	16.9	25.3	
150	13.0	10.1	15.1	





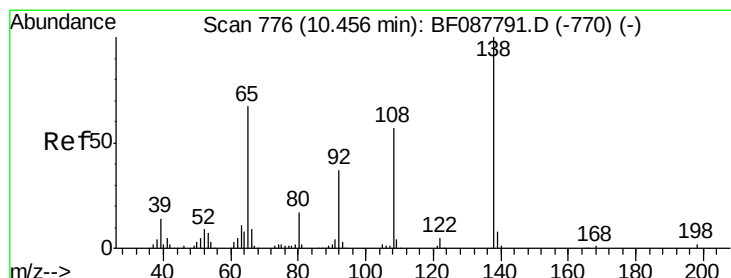
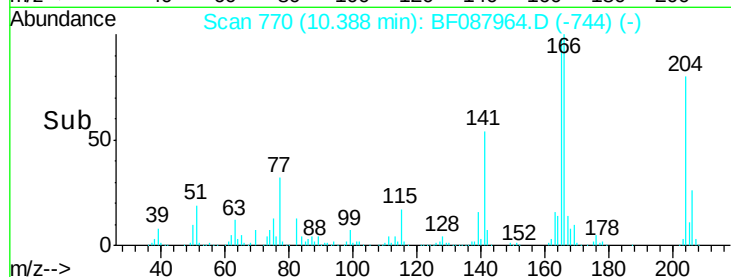
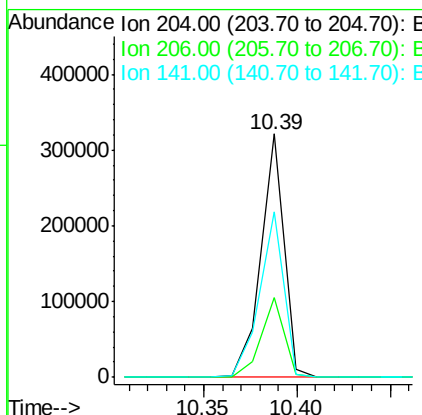
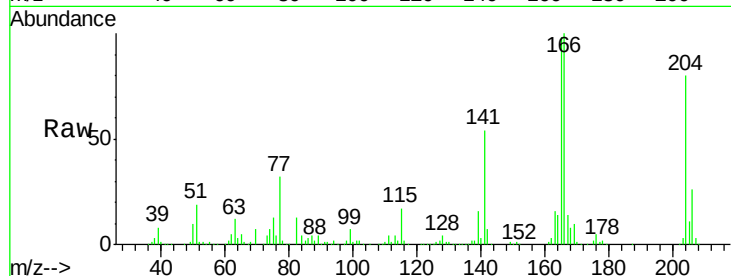
#60
 4-Chlorophenyl-phenylether
 Concen: 40.64 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.3	39.5
141	67.8	55.0	82.6

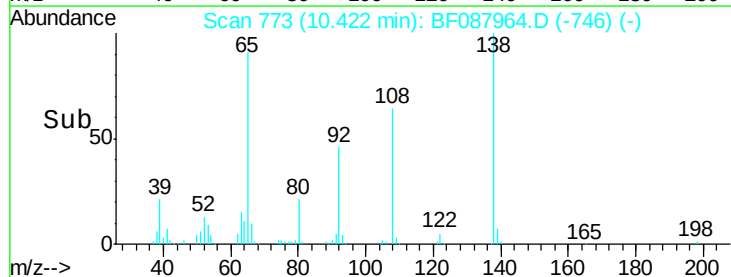
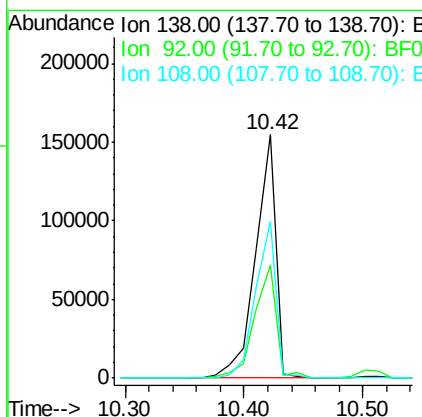
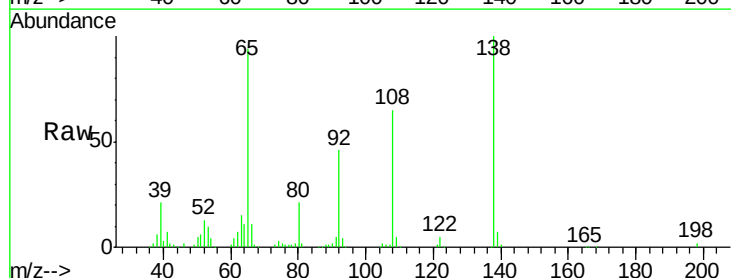
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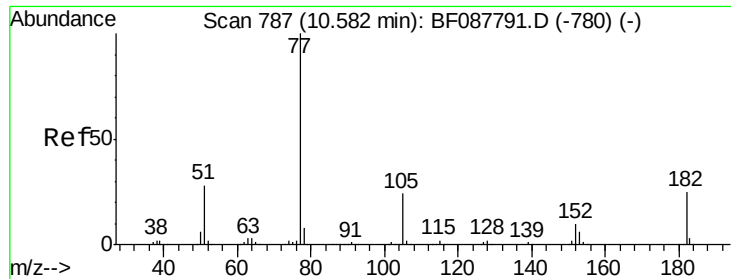
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#61
 4-Nitroaniline
 Concen: 44.62 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	27.3	67.3
108	64.5	46.7	86.7





#62

Azobenzene

Concen: 46.38 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion: 77 Resp: 773414

Ion Ratio Lower Upper

77 100

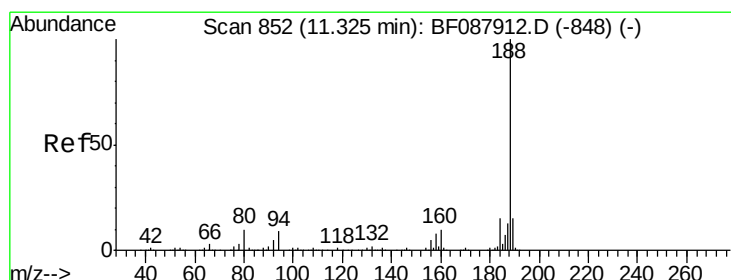
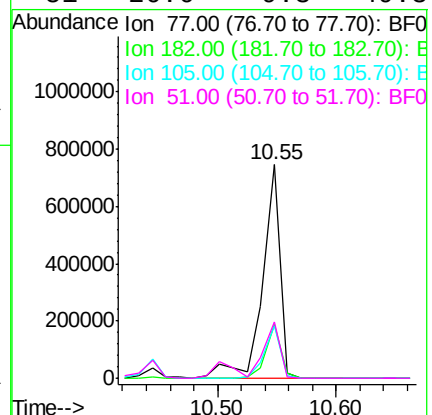
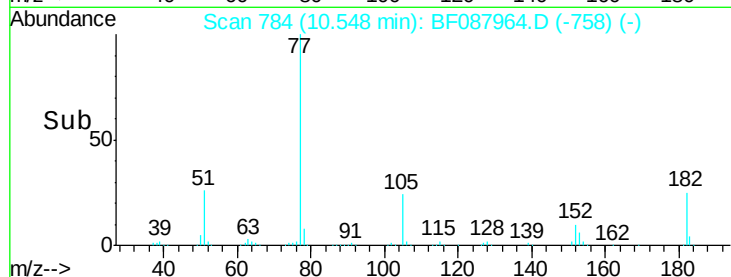
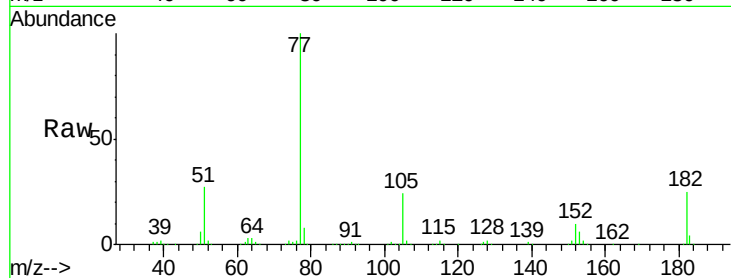
182 25.4 4.4 44.4

105 24.4 3.8 43.8

51 26.6 9.3 49.3

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

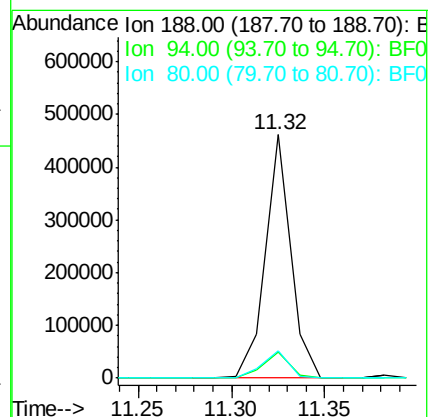
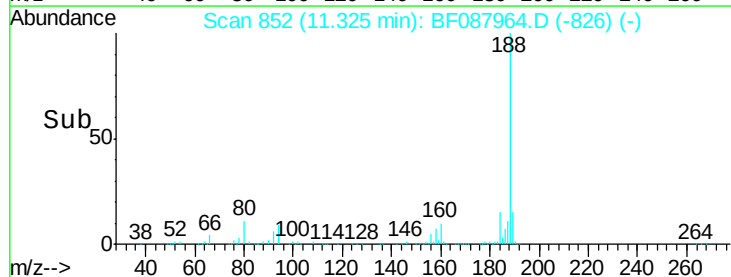
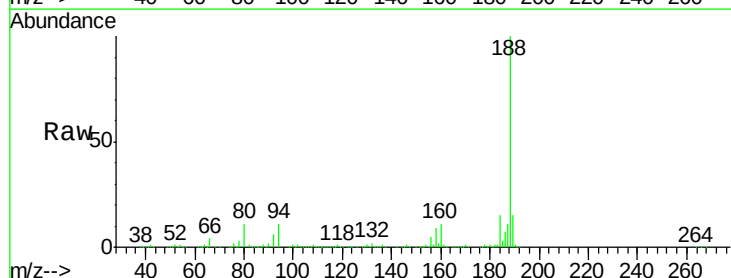
Tgt Ion: 188 Resp: 434141

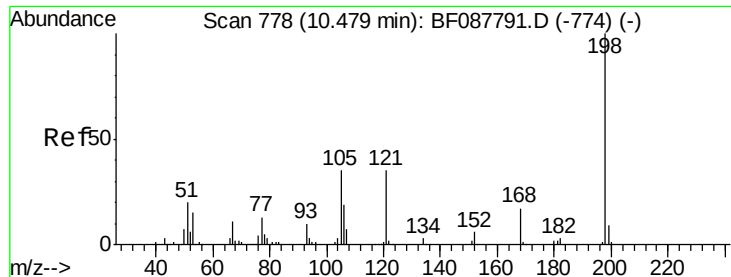
Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

80 11.4 10.0 15.0





#64

4,6-Dinitro-2-methylphenol

Concen: 43.32 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion:198 Resp: 116827

Ion Ratio Lower Upper

198 100

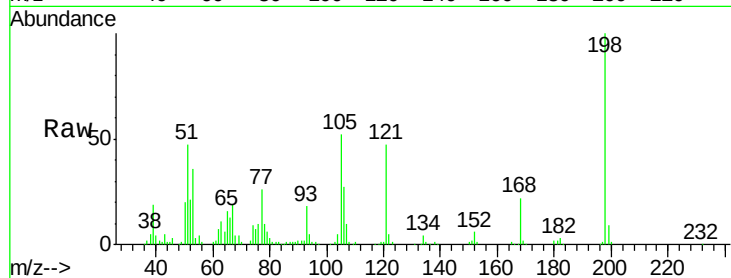
51 46.9 39.6 79.6

105 51.9 36.6 76.6

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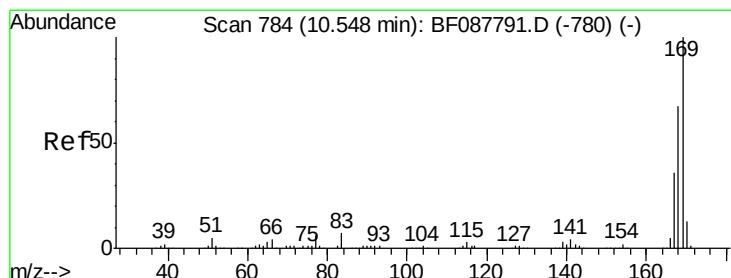
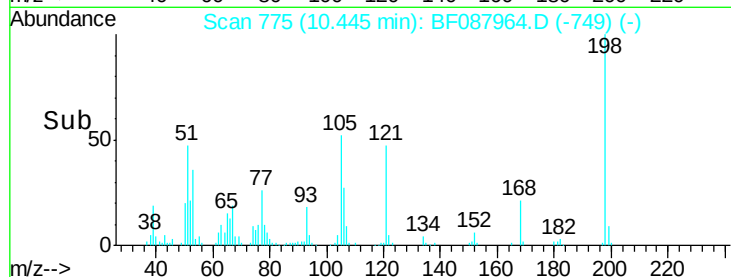
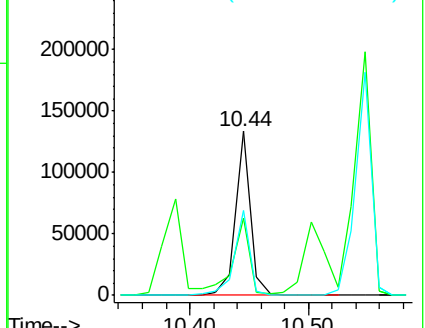
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 45.73 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

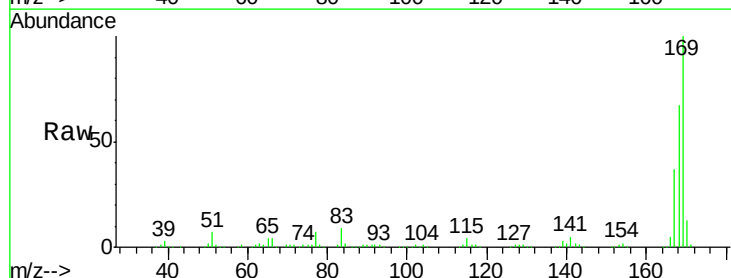
Tgt Ion:169 Resp: 658781

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

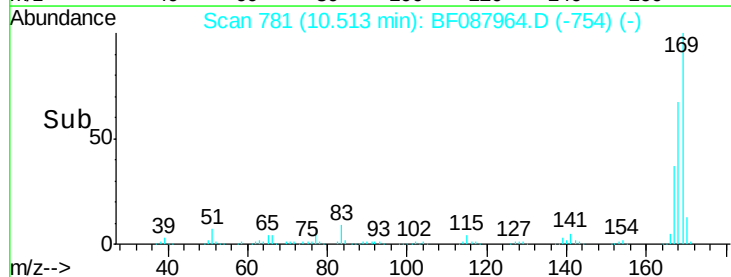
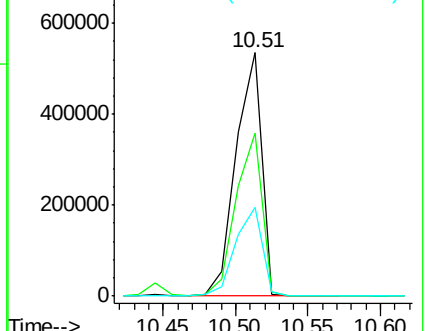
167 36.6 29.4 44.0

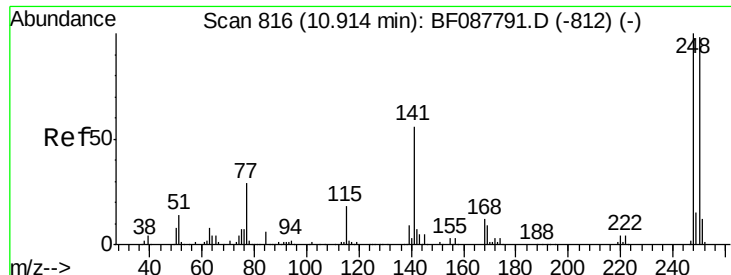


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





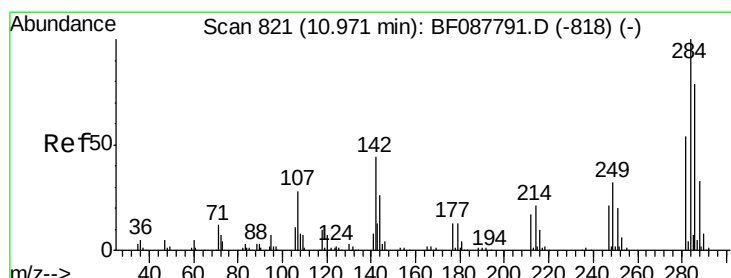
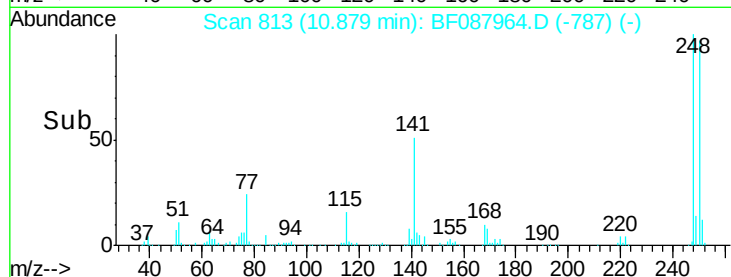
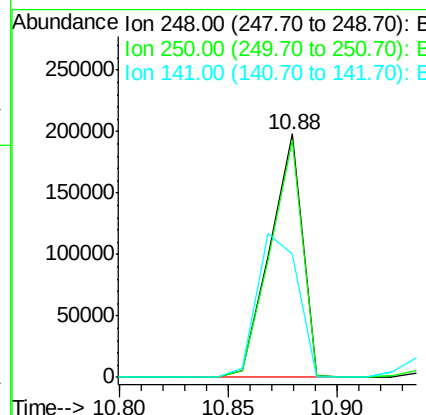
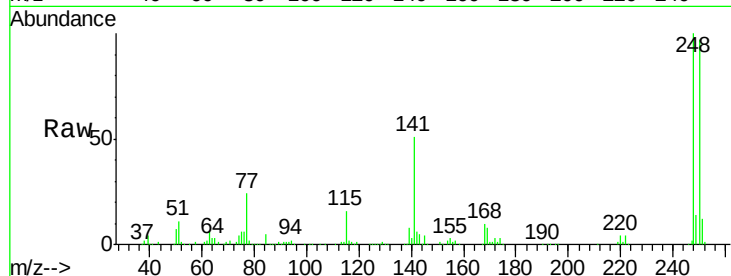
#66
4-Bromophenyl-phenylether
Concen: 44.69 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.1	115.7
141	50.6	50.6	76.0

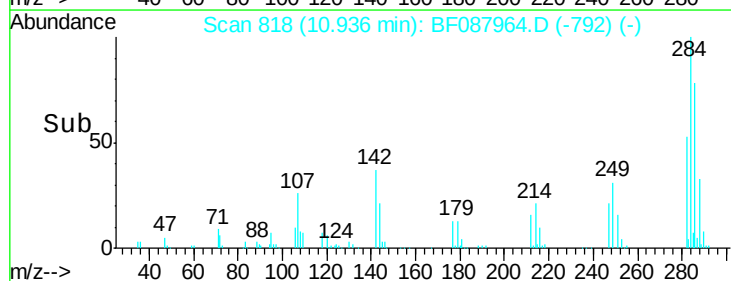
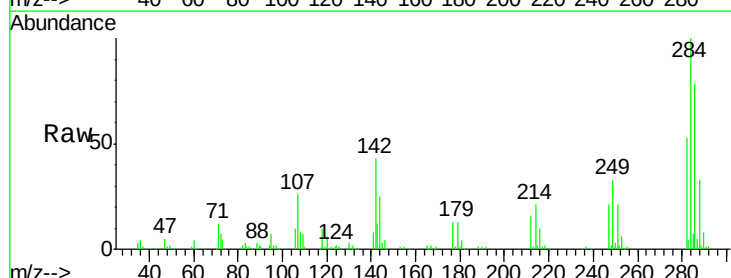
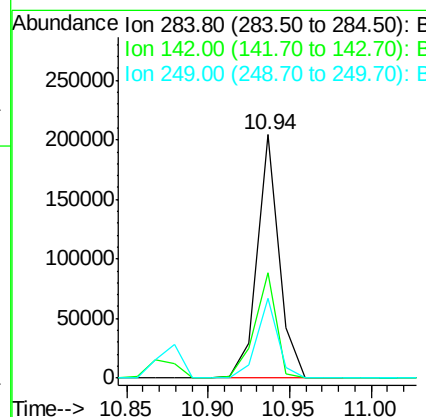
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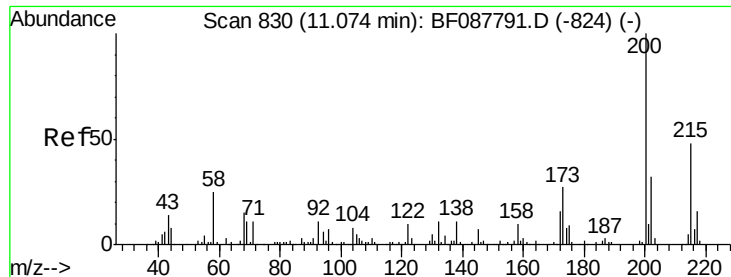
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#67
Hexachlorobenzene
Concen: 39.36 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.1	35.8	53.8
249	33.0	25.8	38.6





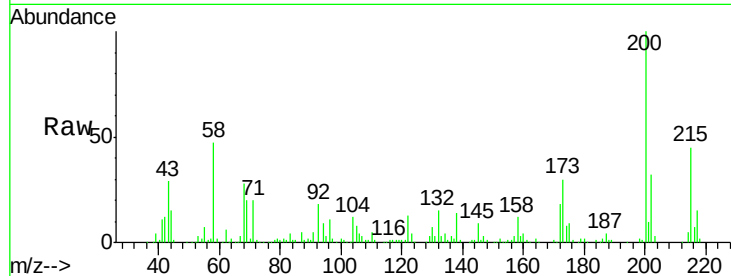
#68
Atrazine
Concen: 37.66 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

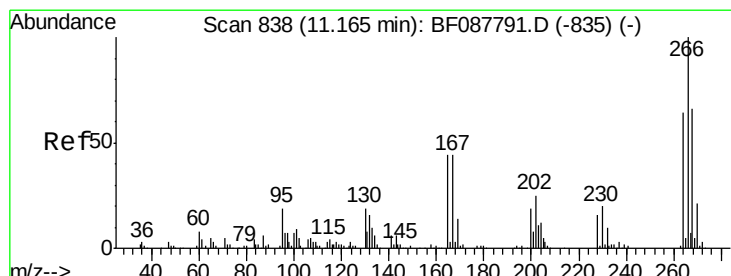
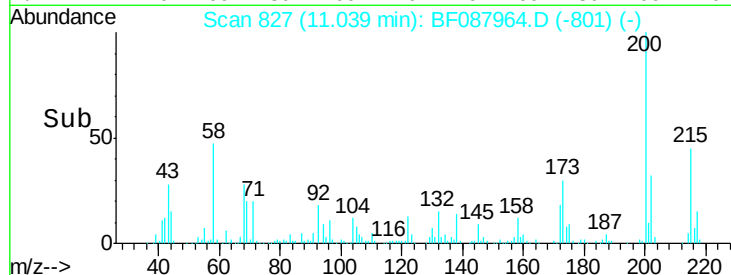
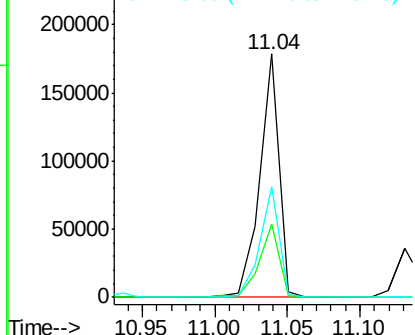
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.9	4.0	44.0
215	45.2	29.3	69.3

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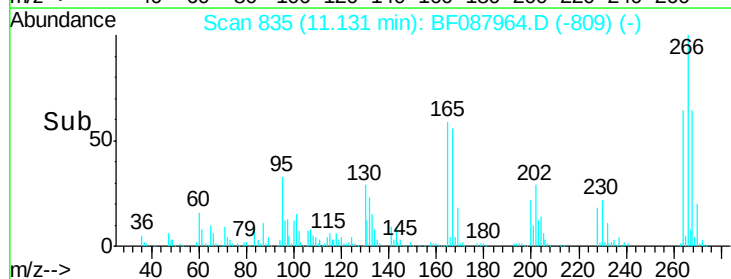
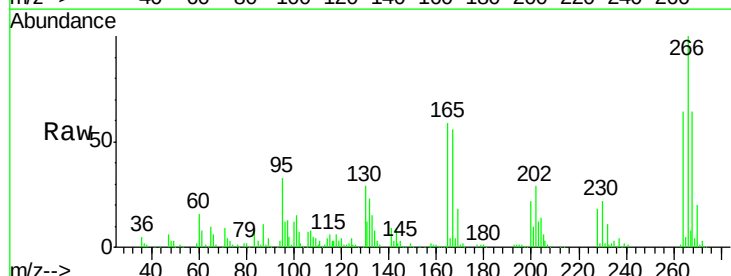
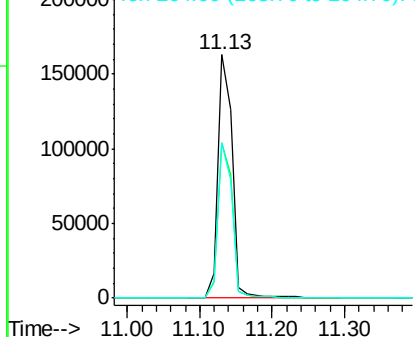
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

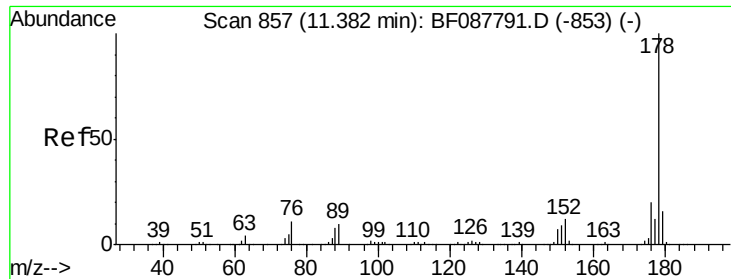


#69
Pentachlorophenol
Concen: 87.57 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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





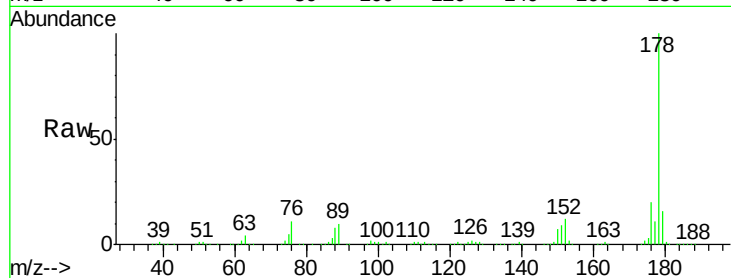
#70
Phenanthrene
Concen: 41.71 ng
RT: 11.35 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

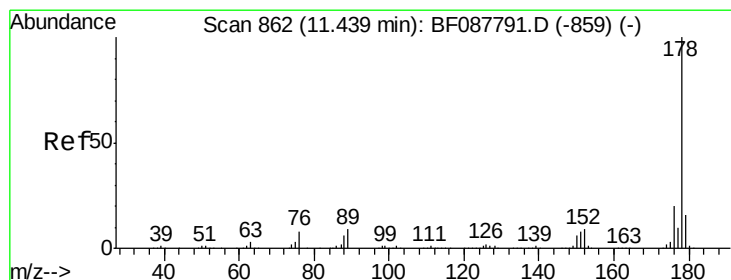
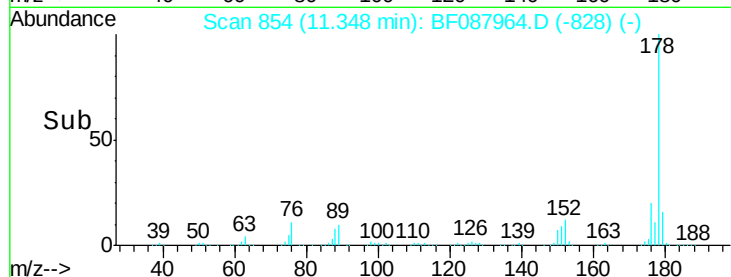
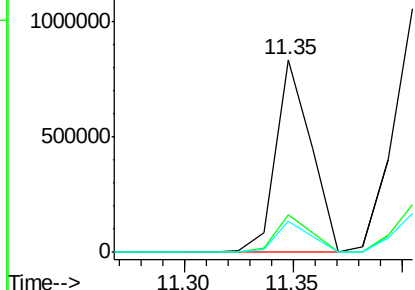
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.6
179	16.1	13.0	19.4

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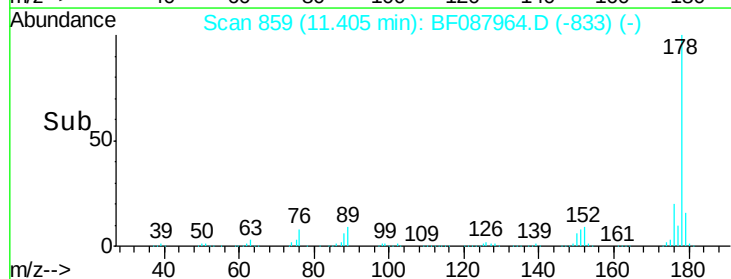
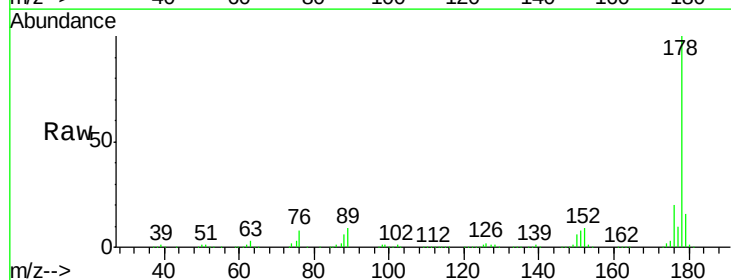
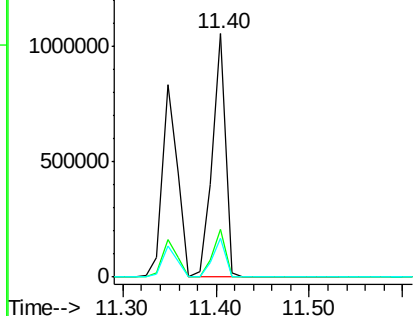
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

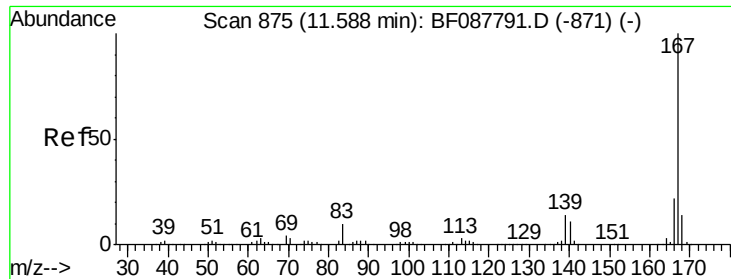


#71
Anthracene
Concen: 44.90 ng
RT: 11.40 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.8	12.8	19.2

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





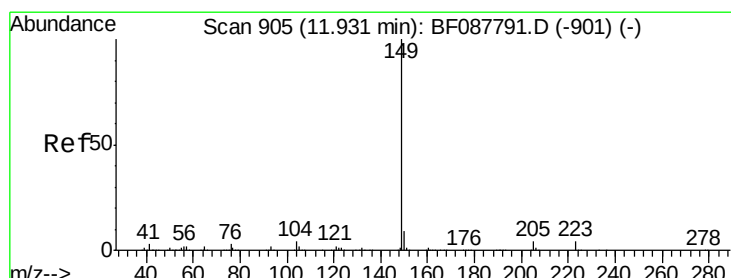
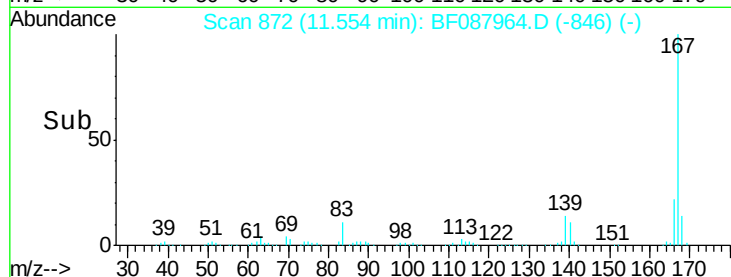
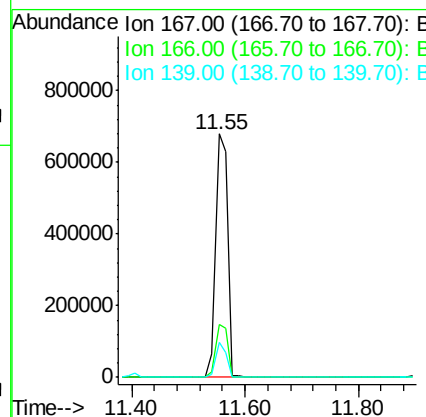
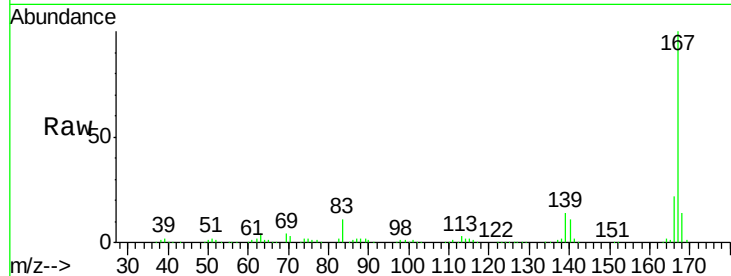
#72
 Carbazole
 Concen: 44.68 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp	Lower	Upper
167	100	960828		
166	21.8		17.8	26.6
139	14.2		11.2	16.8

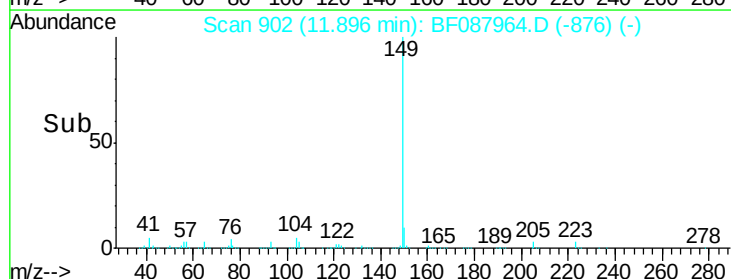
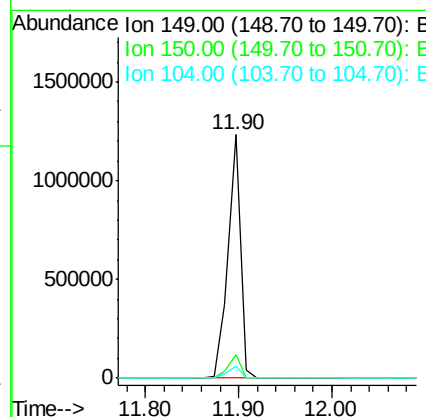
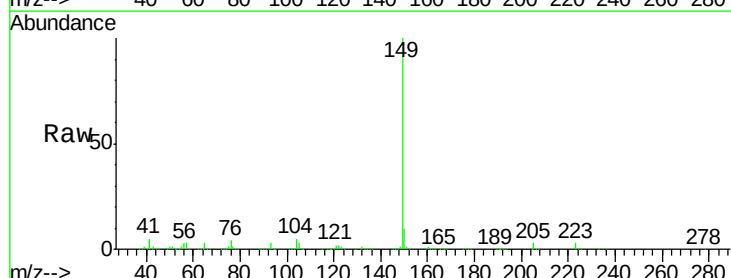
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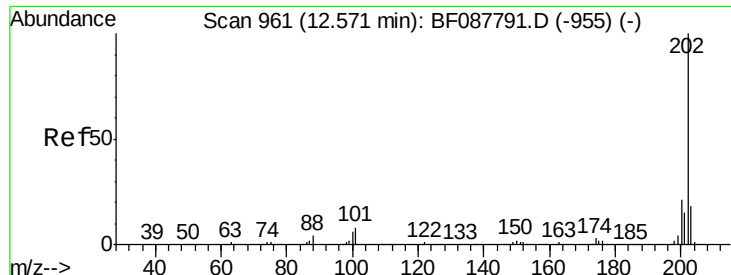
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#73
 Di-n-butylphthalate
 Concen: 41.87 ng
 RT: 11.90 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1139725		
150	9.7		7.8	11.6
104	4.7		4.0	6.0





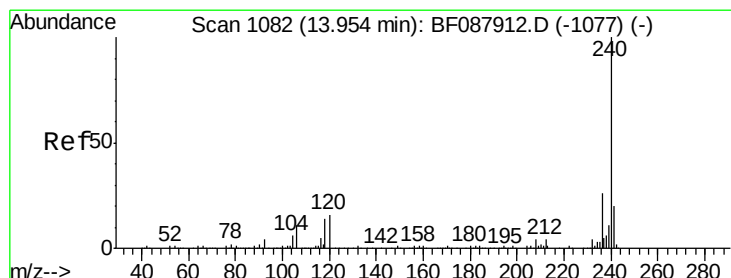
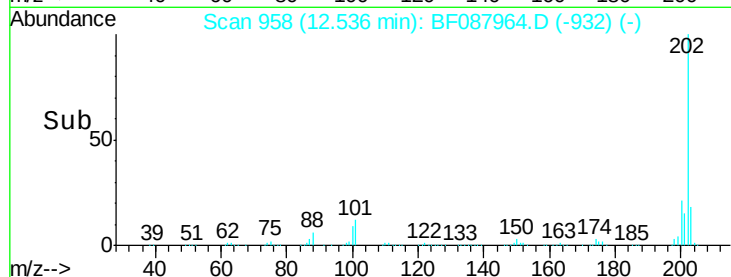
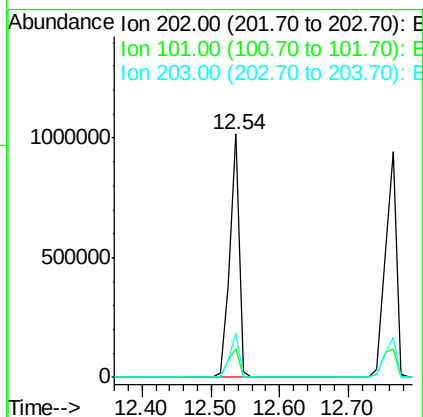
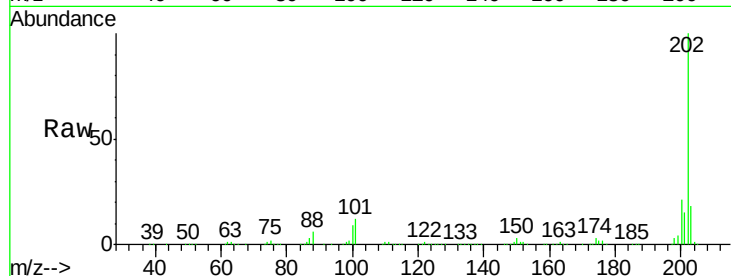
#74
 Fluoranthene
 Concen: 41.43 ng
 RT: 12.54 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	33.1
203	18.0	0.0	38.1

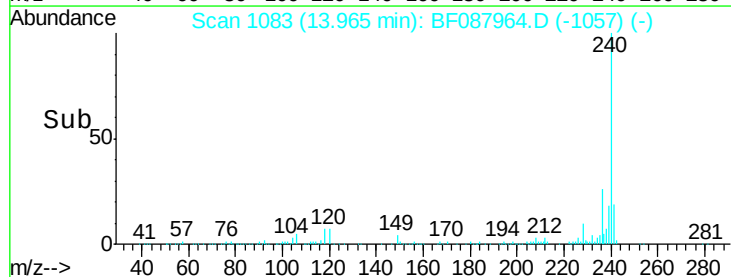
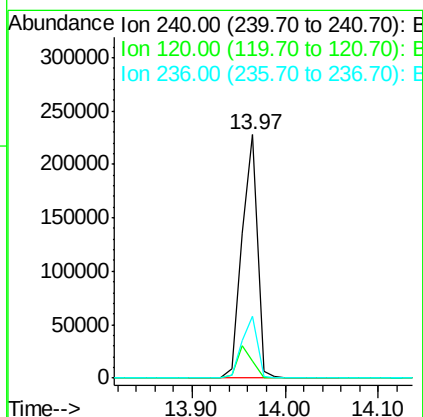
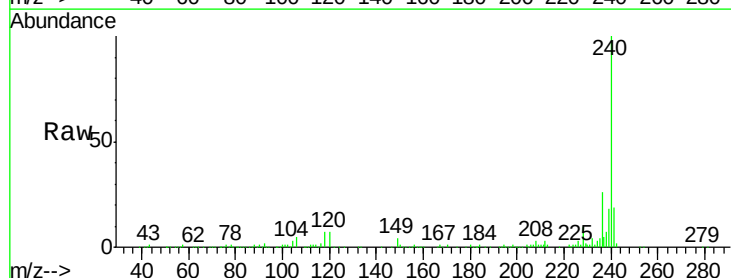
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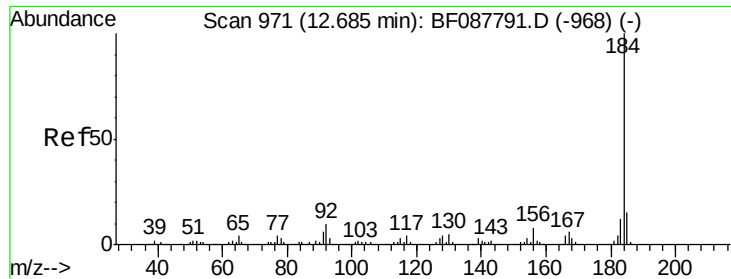
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.2	6.8	10.2
236	25.7	20.2	30.2





#76

Benzidine

Concen: 5.97 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion:184 Resp: 43495

Ion Ratio Lower Upper

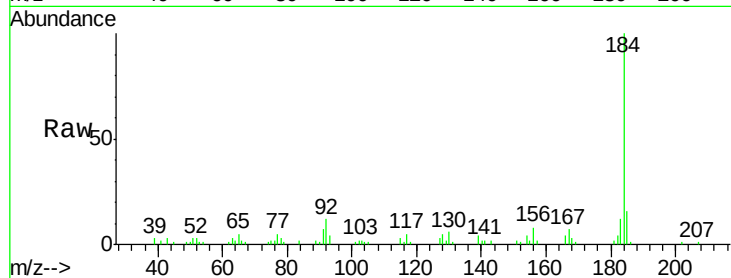
184 100

185 15.7 12.5 18.7

183 11.7 9.3 13.9

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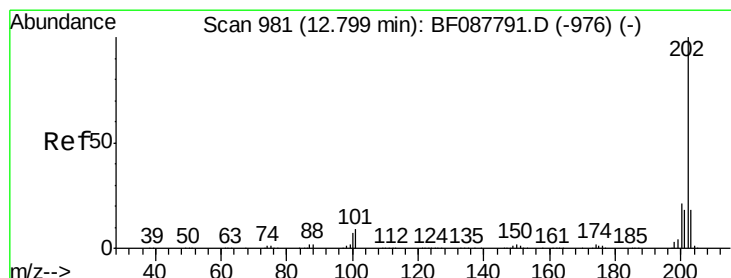
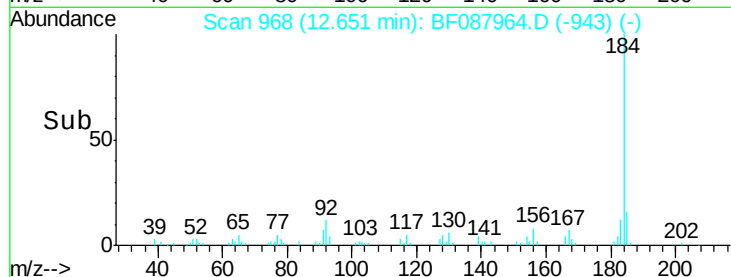
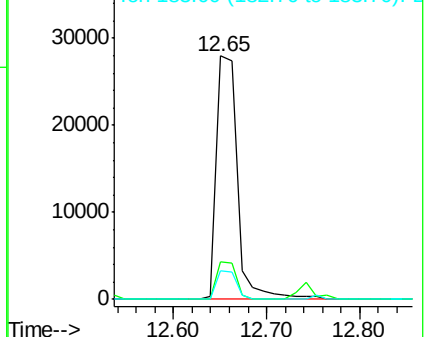
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 53.75 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

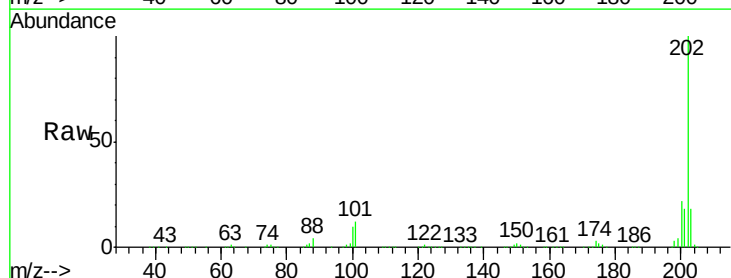
Tgt Ion:202 Resp: 1049387

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

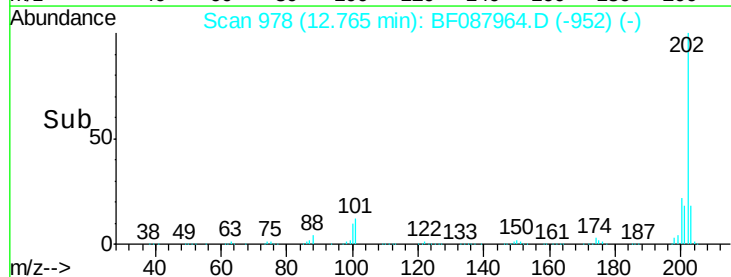
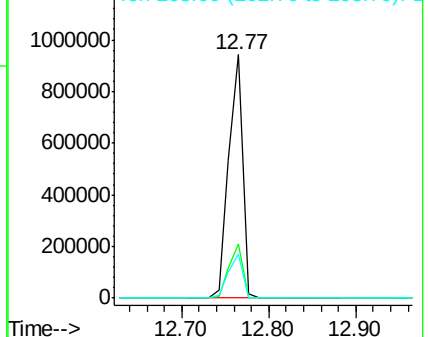
203 17.9 14.5 21.7

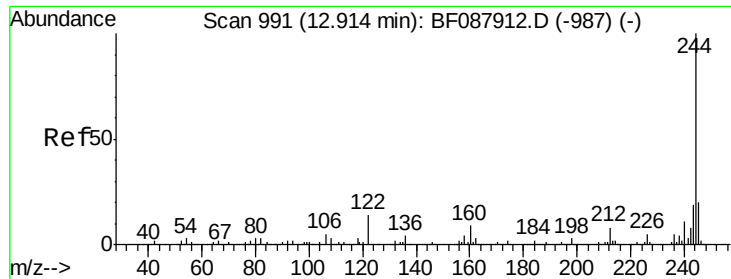


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





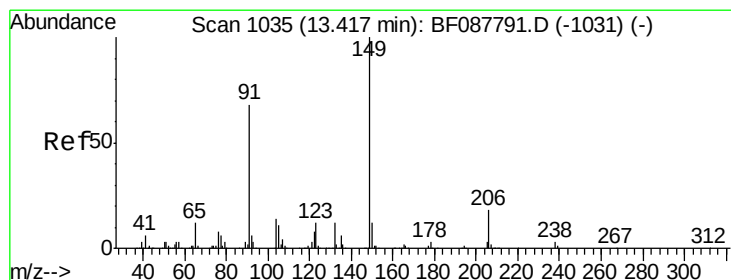
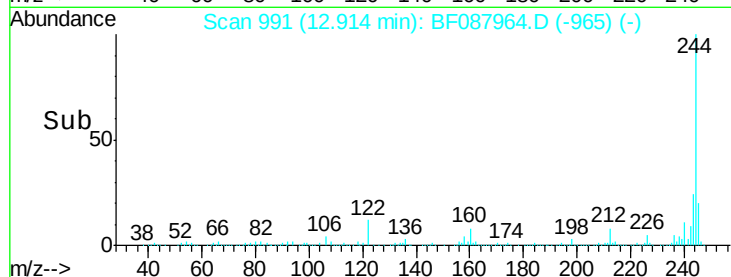
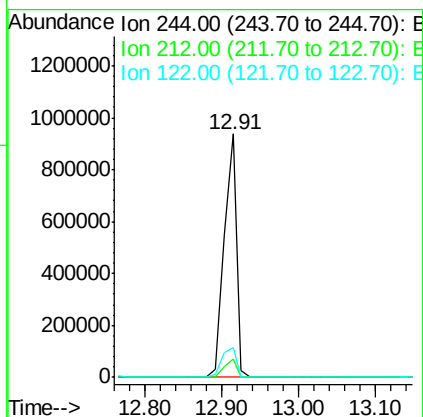
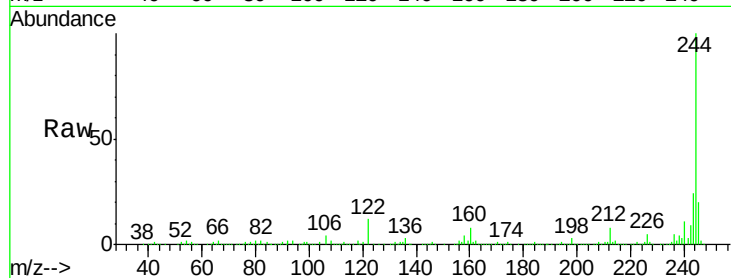
#78
 Terphenyl-d14
 Concen: 92.08 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.0	11.2	16.8

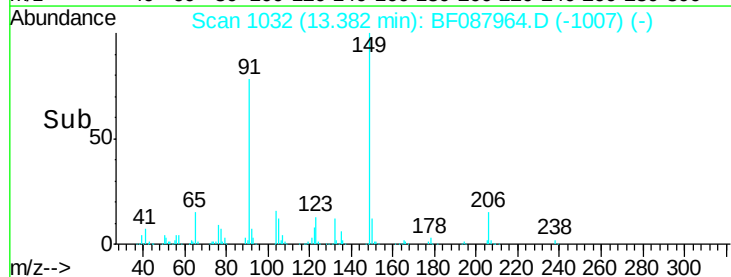
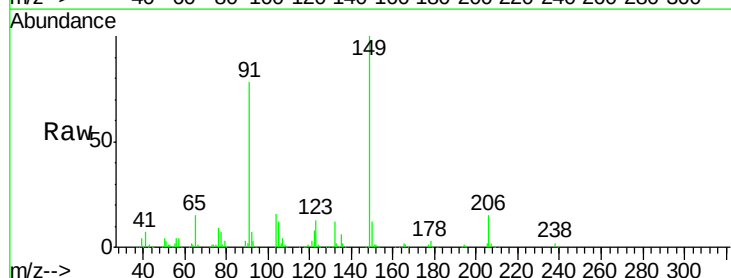
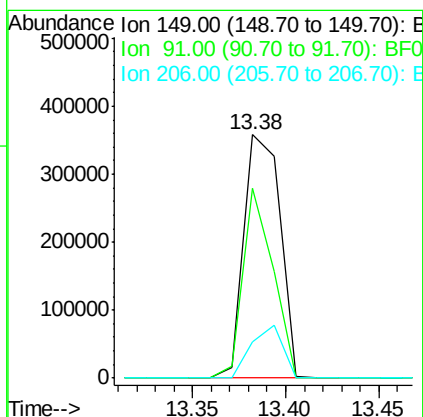
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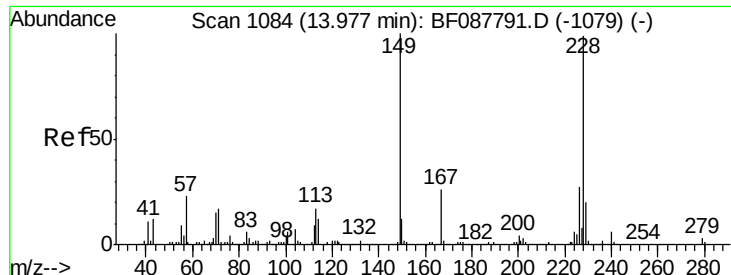
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#79
 Butylbenzylphthalate
 Concen: 55.80 ng
 RT: 13.38 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF087964.D
 Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.1	48.0	72.0#
206	15.1	16.0	24.0#





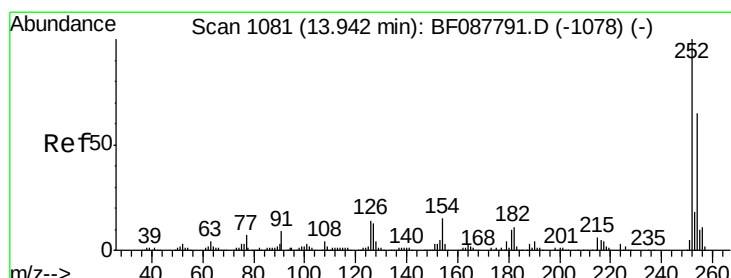
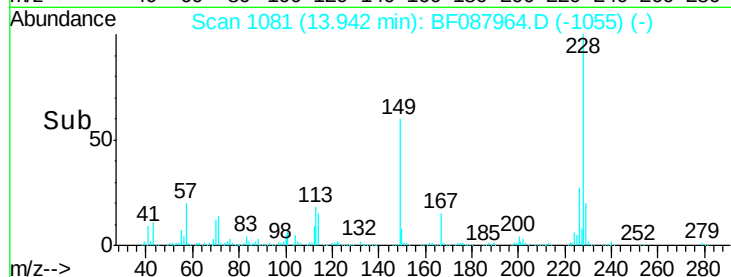
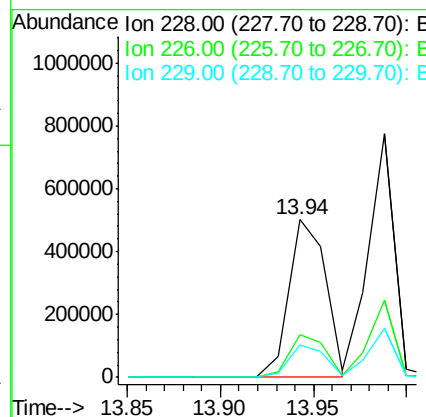
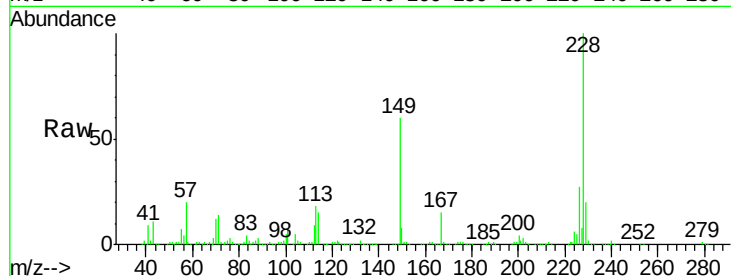
#80
Benzo(a)anthracene
Concen: 46.07 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	20.3	16.0	24.0

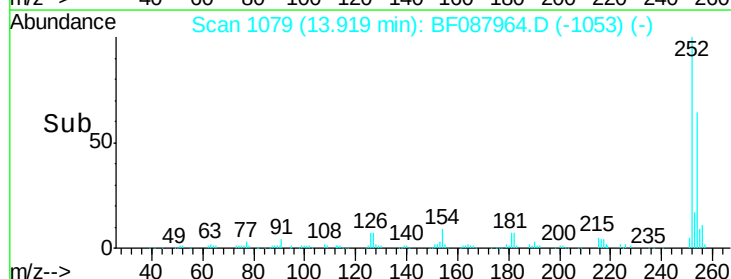
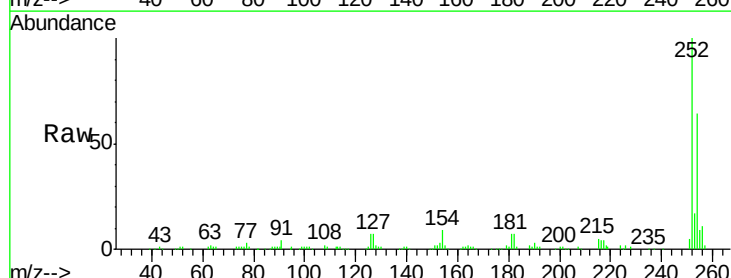
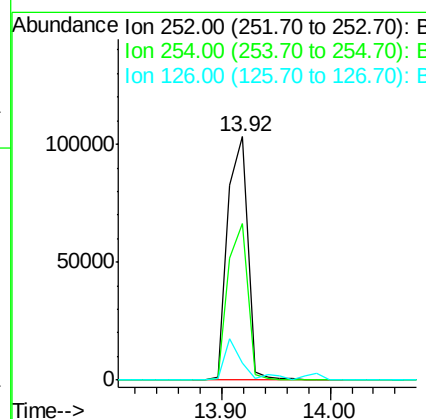
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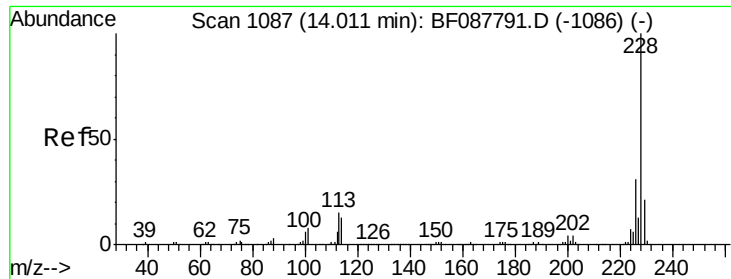
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#81
3,3'-Dichlorobenzidine
Concen: 32.83 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	7.1	6.2	9.2





#82

Chrysene

Concen: 53.16 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

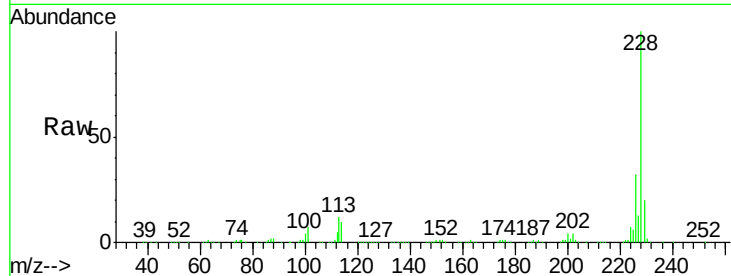
ClientSampleId :

STA-1000-(0-4)MSD

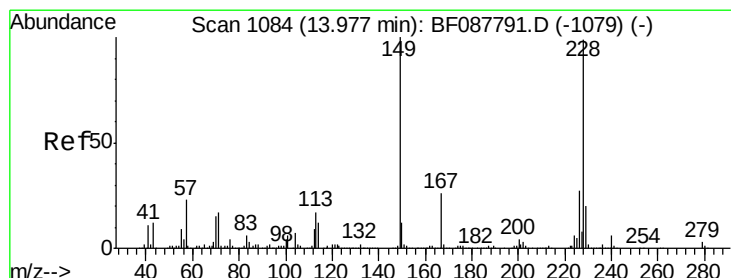
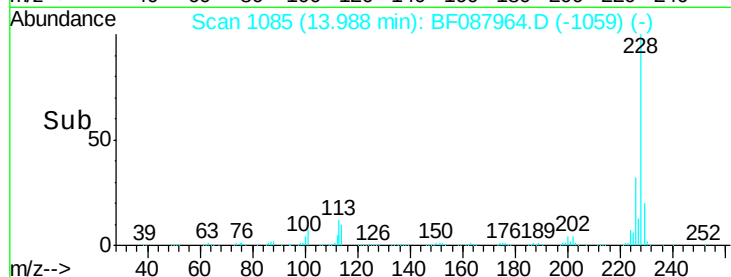
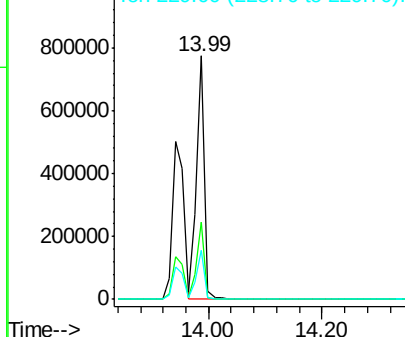
Tot Ion:	228	Resp:	749769
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.4	38.2
229	20.4	16.3	24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.77 ng

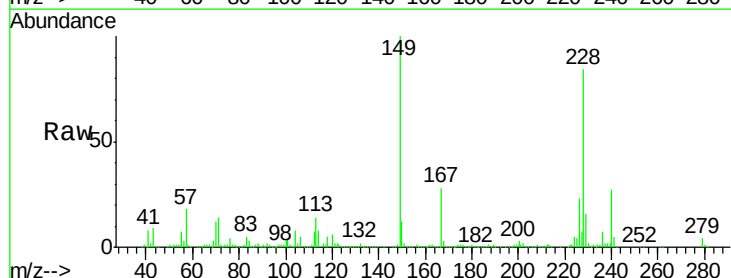
RT: 13.95 min Scan# 1082

Delta R.T. -0.00 min

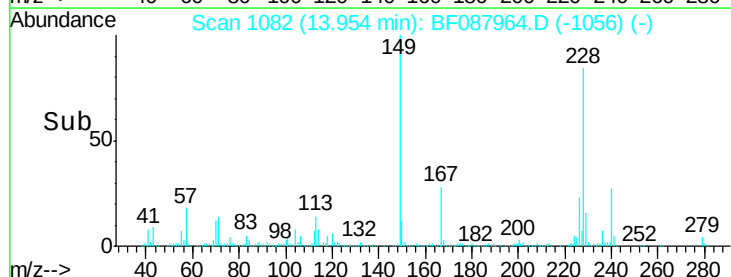
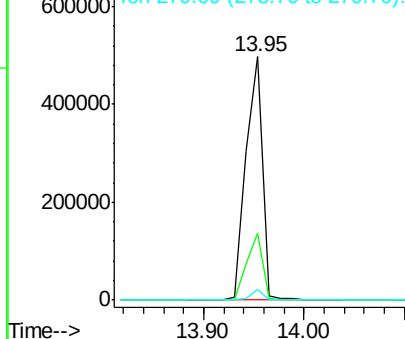
Lab File: BF087964.D

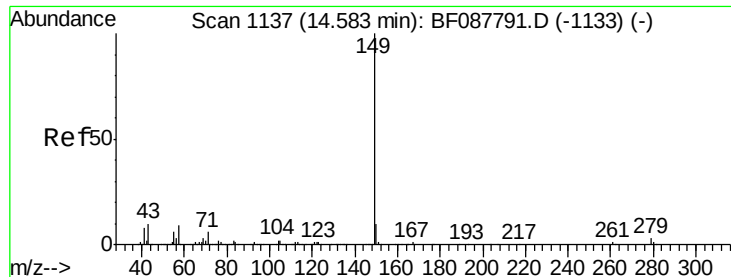
Acq: 12 Jun 2016 22:56

Tgt Ion:	149	Resp:	564961
Ion Ratio	Lower	Upper	
149	100		
167	27.6	20.5	30.7
279	4.2	2.0	3.0#



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: 56.08 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Instrument :

BNA_F

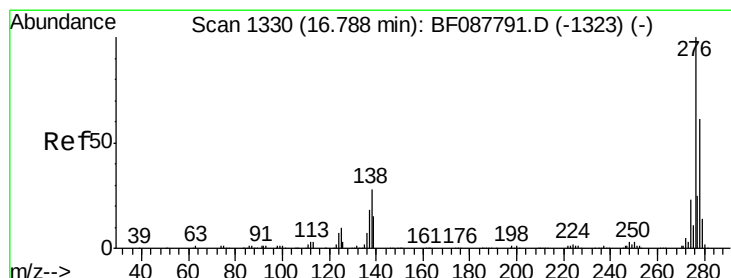
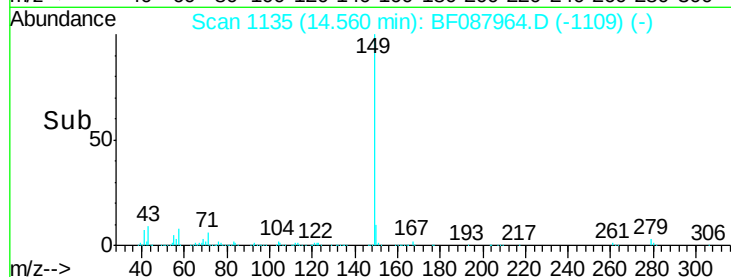
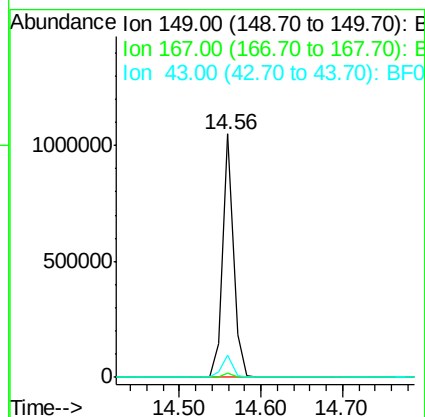
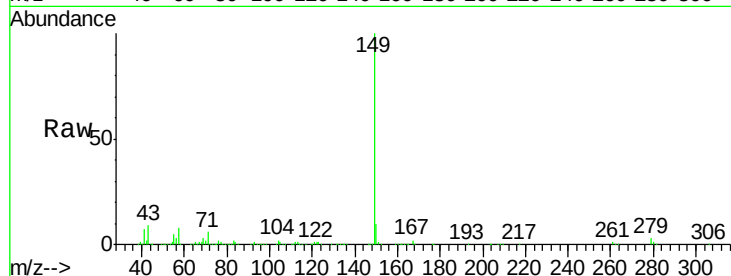
ClientSampleId :

STA-1000-(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	0.0	0.0#	
43	9.0	0.0	0.0#	

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#85

Indeno(1,2,3-cd)pyrene

Concen: 49.51 ng

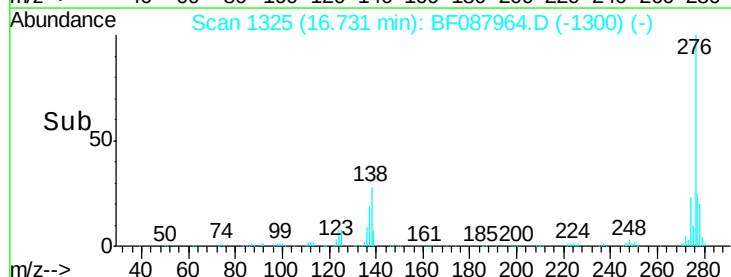
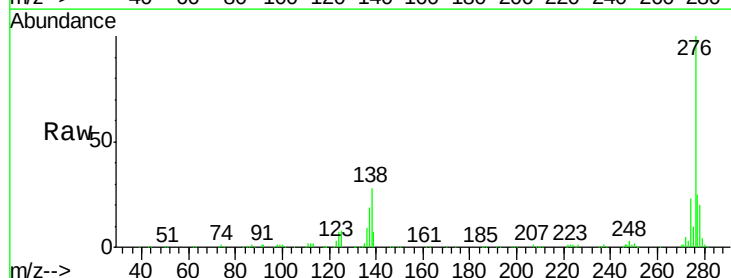
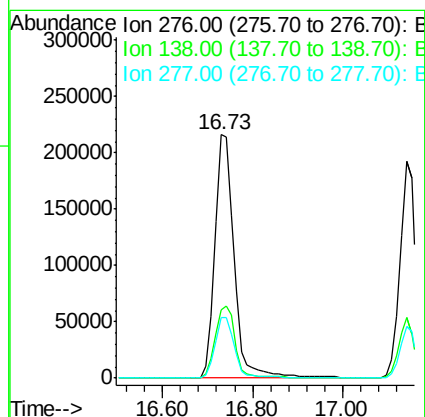
RT: 16.73 min Scan# 1325

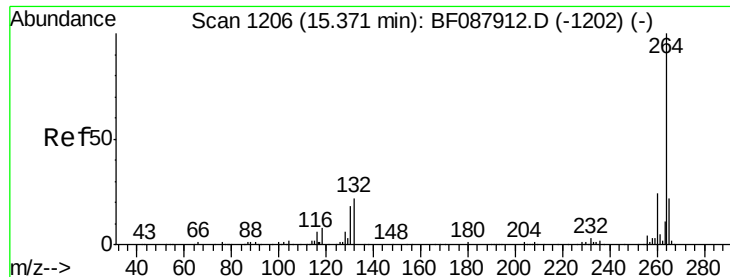
Delta R.T. -0.01 min

Lab File: BF087964.D

Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	31.1	0.0	0.0#	
277	25.3	0.0	0.0#	





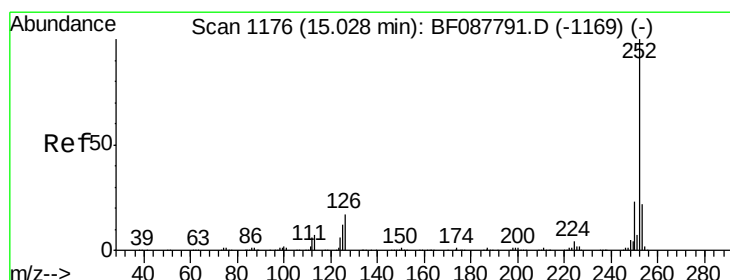
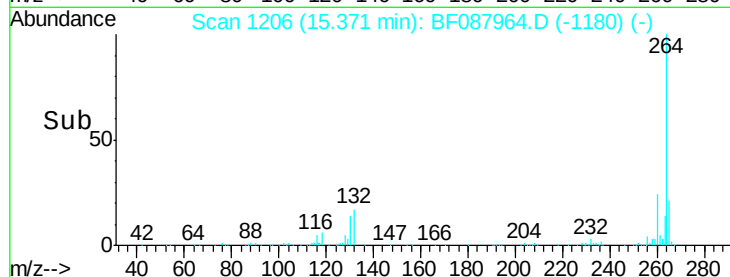
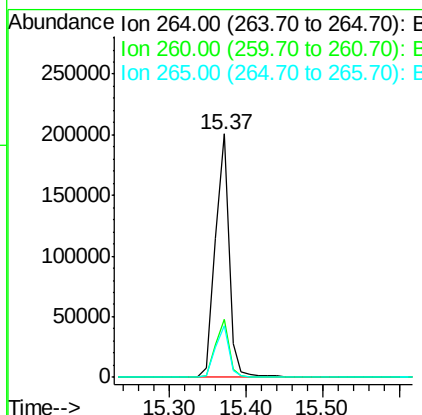
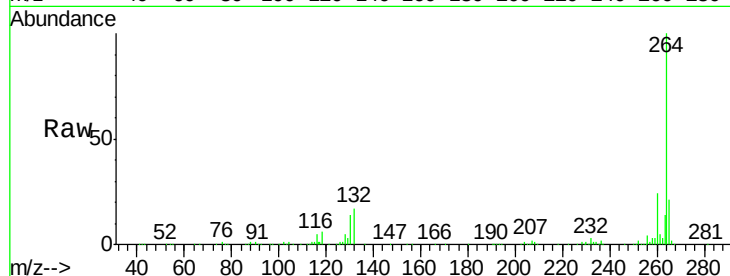
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3

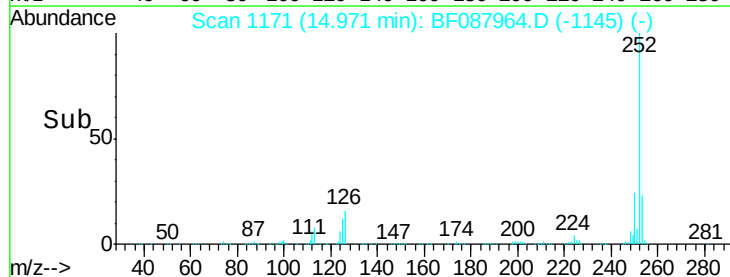
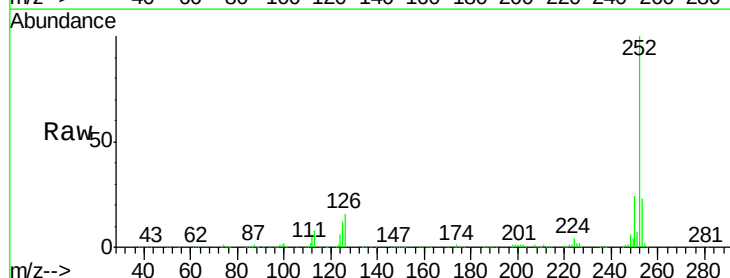
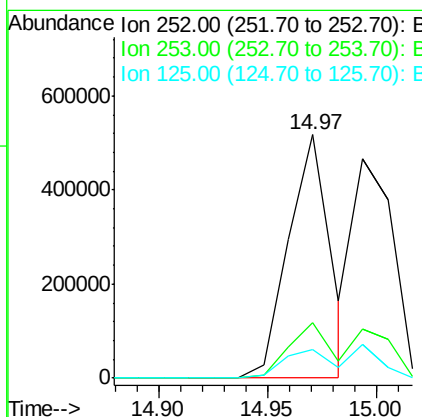
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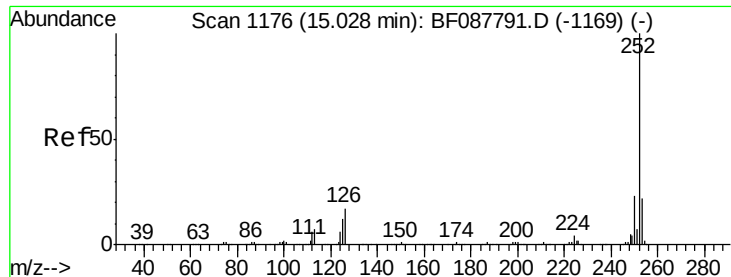
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#87
Benzo(b)fluoranthene
Concen: 39.63 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.9	7.1	10.7





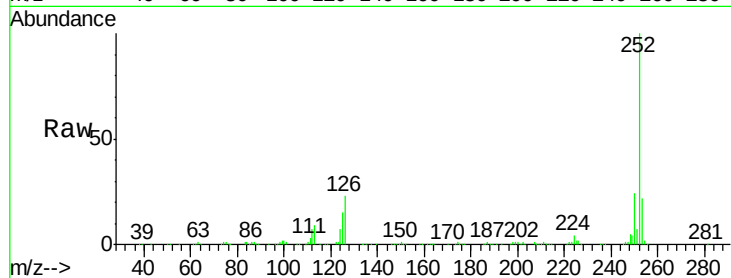
#88
Benzo(k)fluoranthene
Concen: 46.25 ng m
RT: 14.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

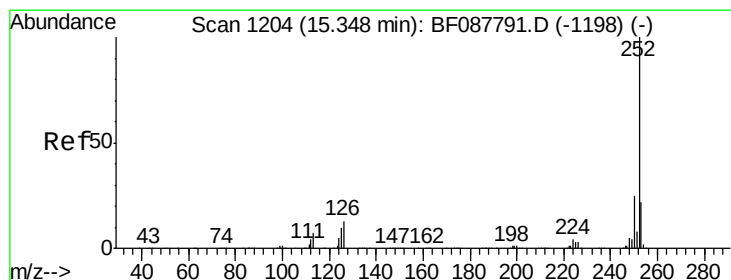
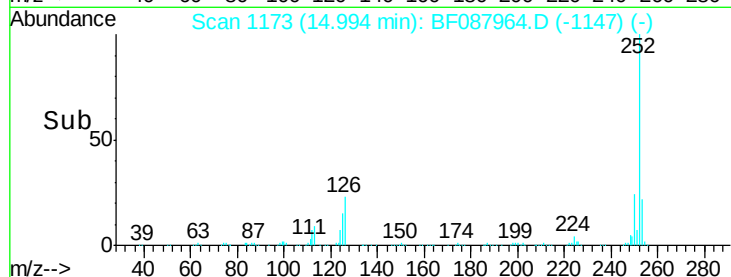
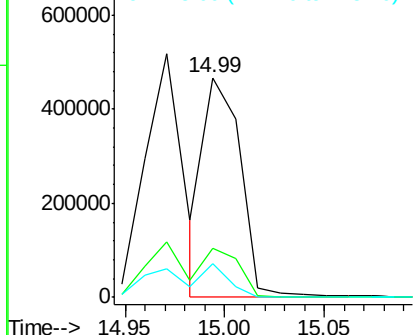
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	15.5	11.2	16.8

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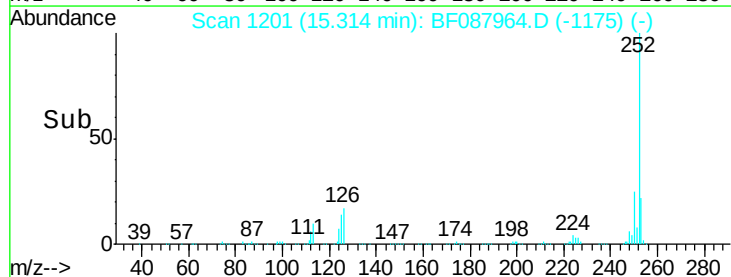
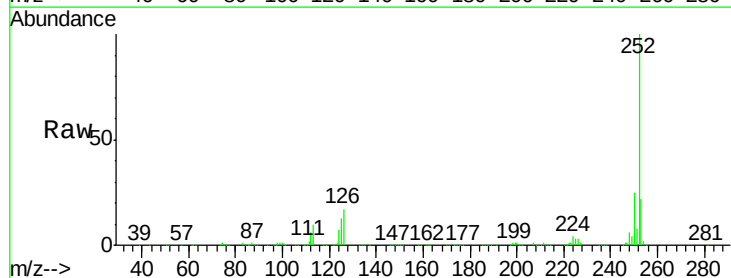
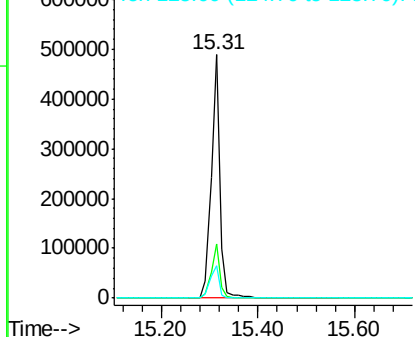
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

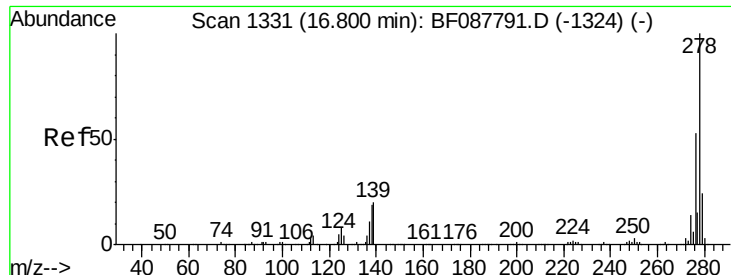


#89
Benzo(a)pyrene
Concen: 43.88 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.4	12.5	18.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





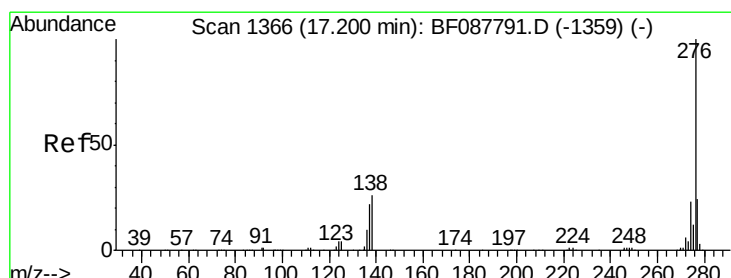
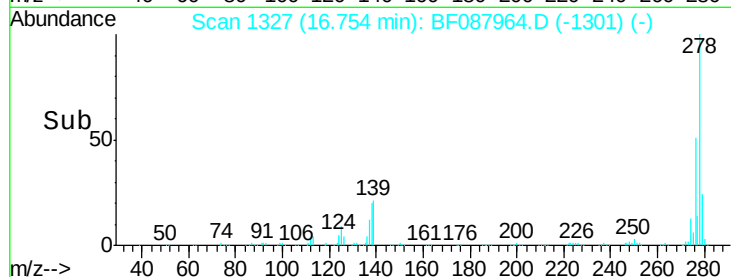
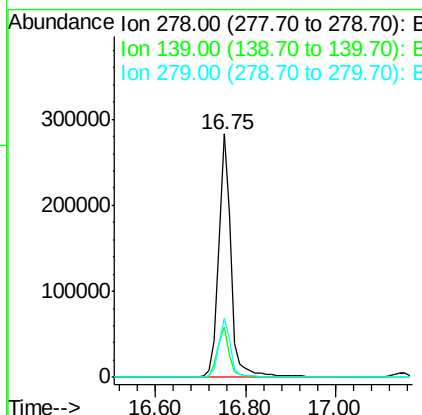
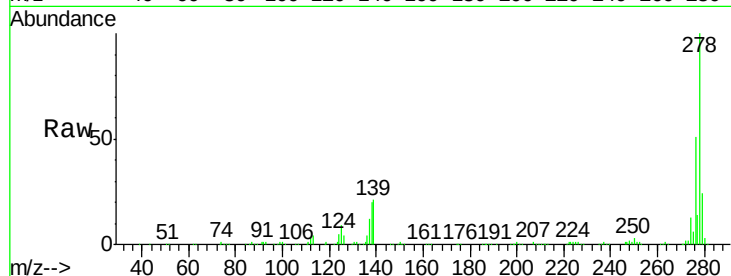
#90
Dibenzo(a,h)anthracene
Concen: 41.52 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

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

Tot Ion:	278	Resp:	543457
Ion Ratio	Lower	Upper	
278	100		
139	20.8	15.7	23.5
279	24.1	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 38.11 ng
RT: 17.14 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF087964.D
Acq: 12 Jun 2016 22:56

Tgt Ion:	276	Resp:	513092
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	28.2	21.4	32.2

