

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082047.D
 Acq On : 5 Oct 2015 15:53
 Operator : UM/IZ
 Sample : G3692-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Manual Integrations
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Quant Time: Oct 05 16:32:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 15:47:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	107555	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	437589	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	195721	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	400271	20.00	ng	0.00
75) Chrysene-d12	14.06	240	375687	20.00	ng	0.00
86) Perylene-d12	15.50	264	319745	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	715547	120.77	ng	0.01
7) Phenol-d6	6.53	99	991381	132.97	ng	0.01
23) Nitrobenzene-d5	7.45	82	592861	90.31	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	296011	149.34	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1166257	104.24	ng	0.00
78) Terphenyl-d14	13.01	244	1277130	126.14	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.67	128	468415	71.59	ng	98
10) Phenol	6.54	94	858799	102.69	ng	68
17) 2-Methylphenol	7.13	107	424205	79.97	ng	# 85
20) 3+4-Methylphenols	7.29	107	967669	144.42	ng	86
26) 2-Nitrophenol	7.79	139	327004	95.57	ng	# 81
27) 2,4-Dimethylphenol	7.83	122	527304	87.60	ng	# 82
29) 2,4-Dichlorophenol	8.02	162	722045	123.71	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	753915	132.10	ng	# 82
42) 2,4,6-Trichlorophenol	9.17	196	154603	37.53	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	179260m	42.32	ng	
53) 2,4-Dinitrophenol	9.99	184	191025	107.58	ng	# 48
55) 4-Nitrophenol	10.05	139	304777	124.30	ng	# 51
64) 4,6-Dinitro-2-methylphenol	10.53	198	114886	59.81	ng	# 59
69) Pentachlorophenol	11.22	266	344672	132.81	ng	99

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

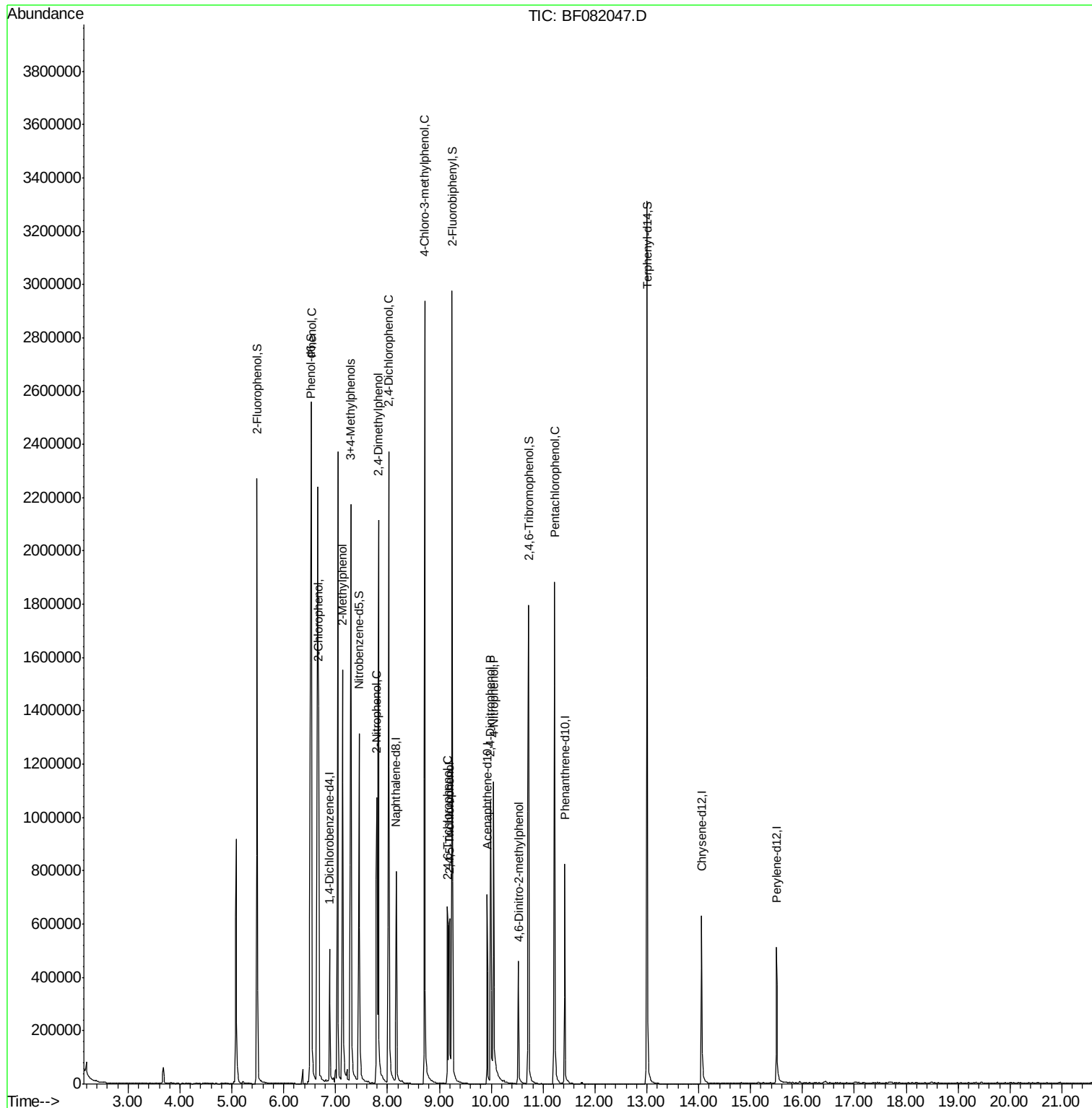
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
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ALS Vial : 7 Sample Multiplier: 1

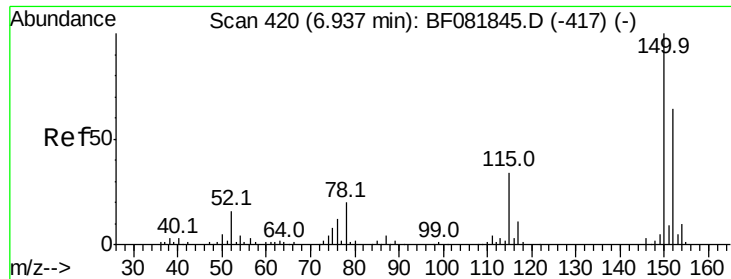
Instrument :
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Quant Time: Oct 05 16:32:03 2015
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#1

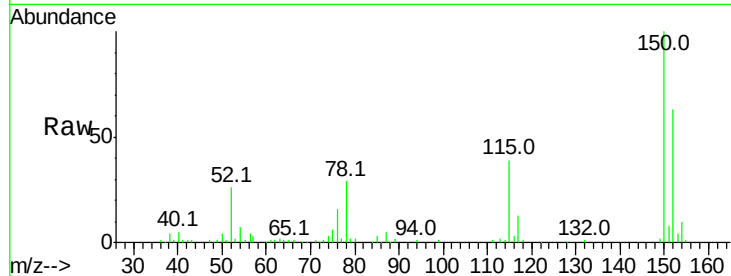
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082047.D
Acq: 5 Oct 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

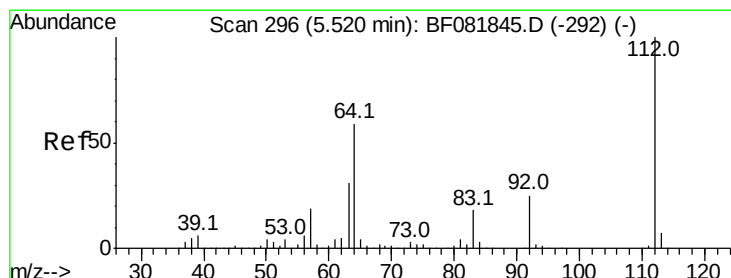
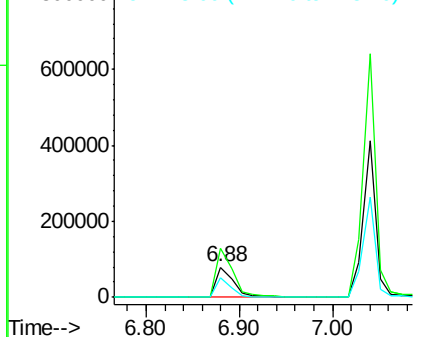
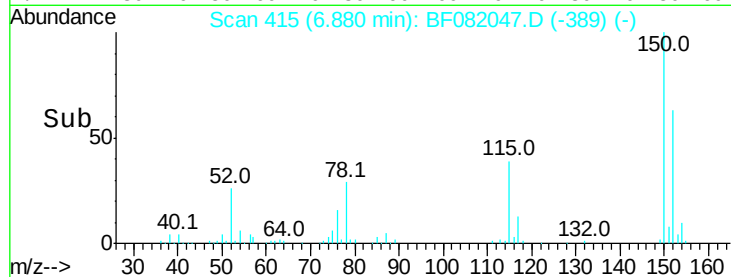
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.7	187.1
115	63.1	39.0	58.4#

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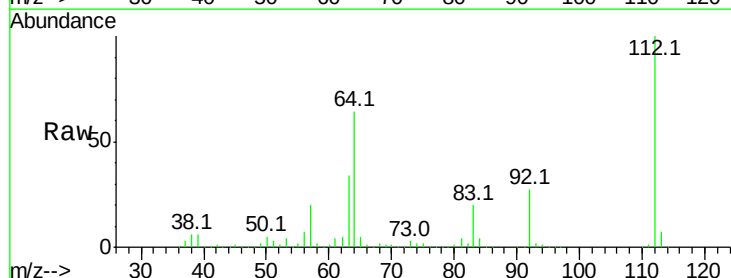
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



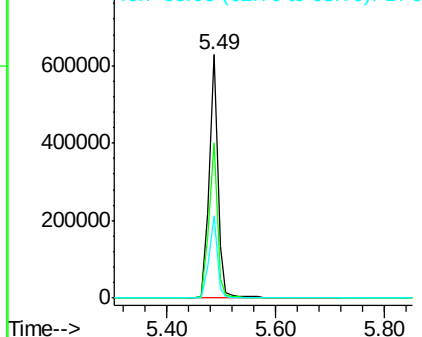
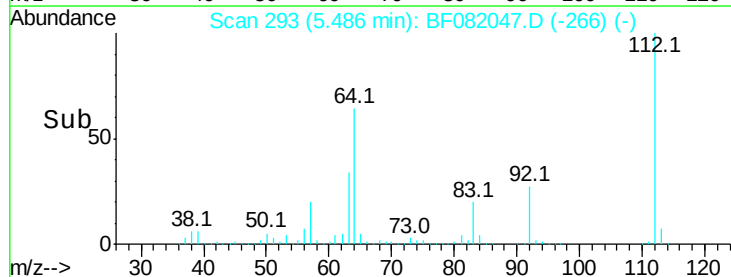
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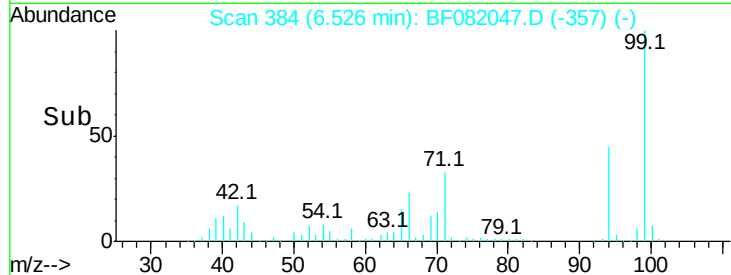
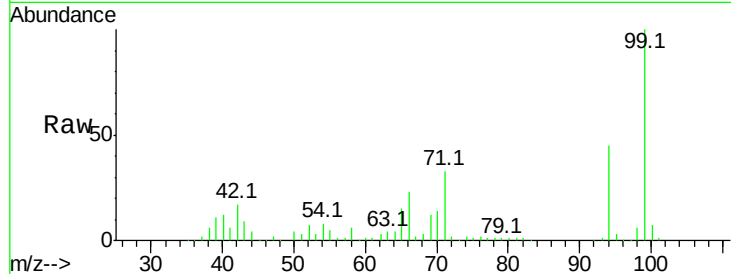
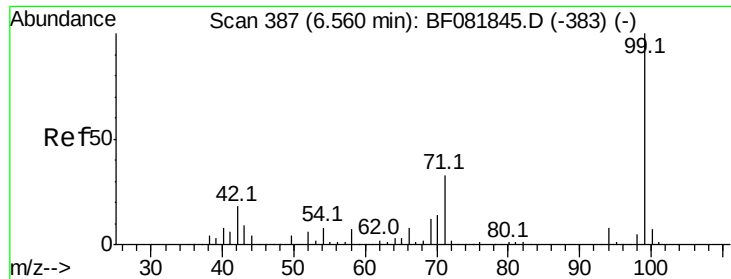
2-Fluorophenol
Concen: 120.77 ng
RT: 5.49 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF082047.D
Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	39.7	59.5#
63	33.6	17.4	26.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.97 ng

RT: 6.53 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF082047.D

Acq: 5 Oct 2015 15:53

Tot Ion:	99	Resp:	991381
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.7	20.5
71	33.3	14.2	21.2#

Instrument :

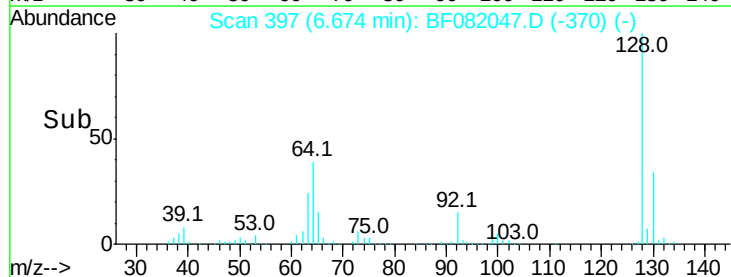
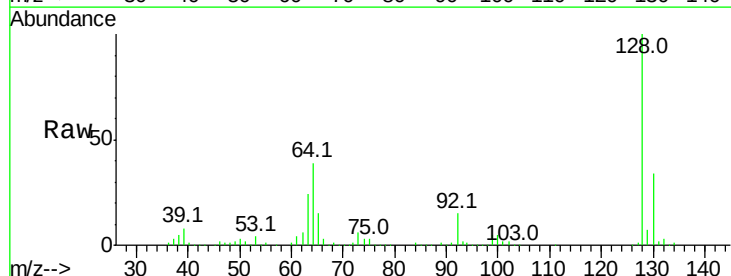
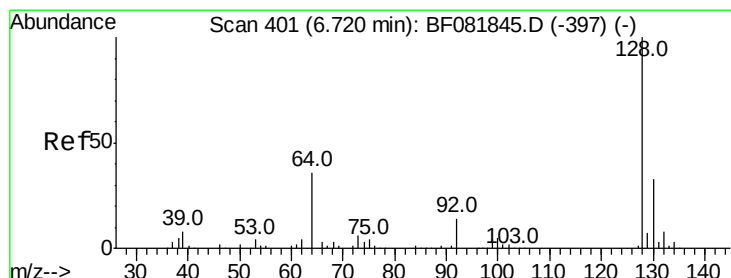
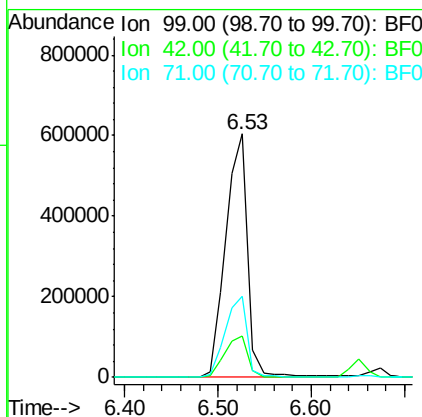
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#8

2-Chlorophenol

Concen: 71.59 ng

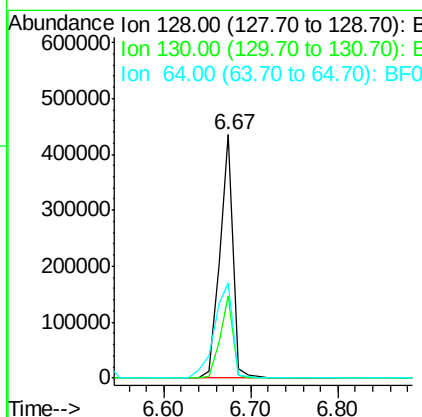
RT: 6.67 min Scan# 397

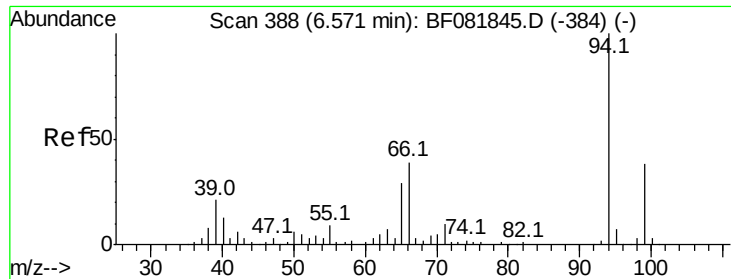
Delta R.T. 0.01 min

Lab File: BF082047.D

Acq: 5 Oct 2015 15:53

Tgt Ion:	128	Resp:	468415
Ion Ratio	Lower	Upper	
128	100		
130	33.9	12.2	52.2
64	39.2	20.5	60.5





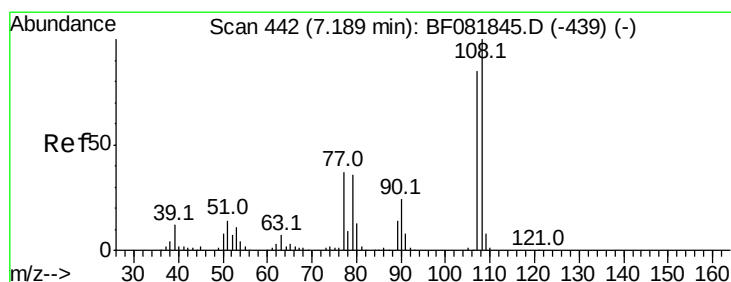
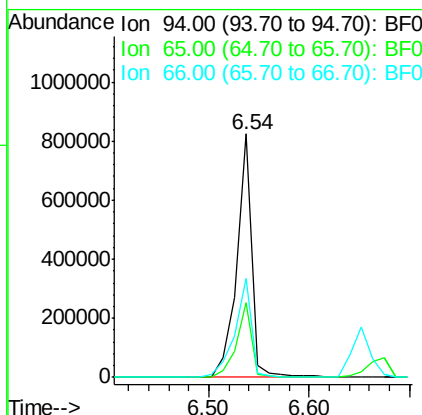
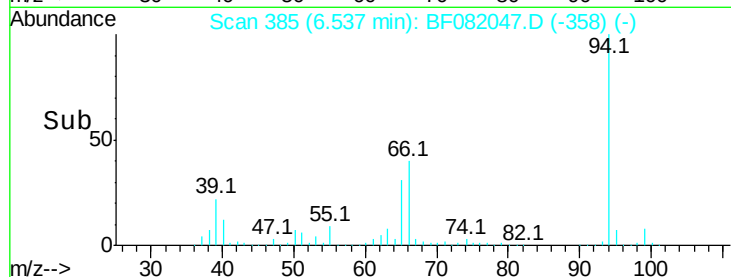
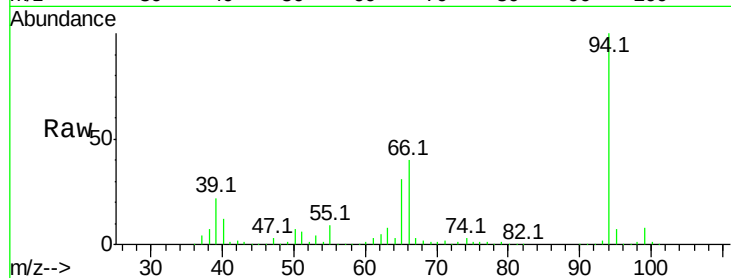
#10
Phenol
Concen: 102.69 ng
RT: 6.54 min Scan# 385
Delta R.T. 0.01 min
Lab File: BF082047.D
Acq: 5 Oct 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Resp	Lower	Upper
94	100			
65	30.5		0.7	40.7
66	40.5		0.8	40.8

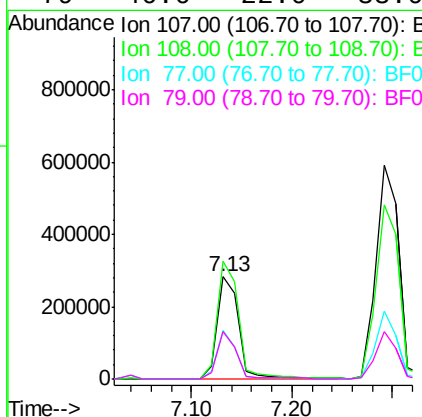
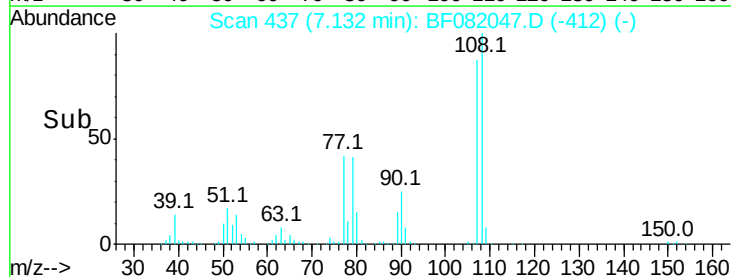
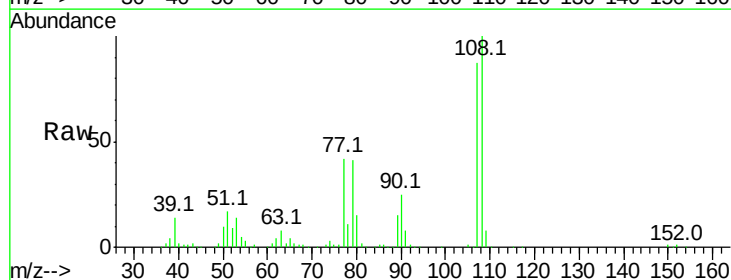
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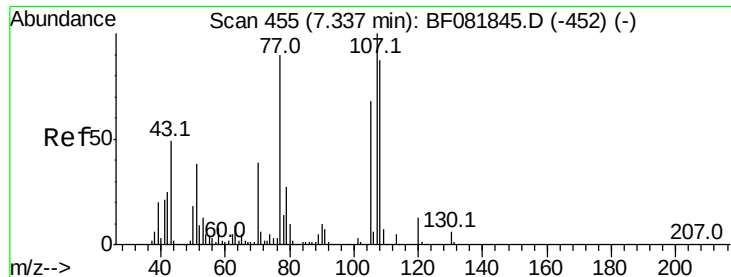
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#17
2-Methylphenol
Concen: 79.97 ng
RT: 7.13 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF082047.D
Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6		96.6	145.0
77	48.0		23.3	34.9#
79	46.6		22.0	33.0#





#20

3+4-Methylphenols

Concen: 144.42 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF082047.D

Acq: 5 Oct 2015 15:53

Instrument :

BNA_F

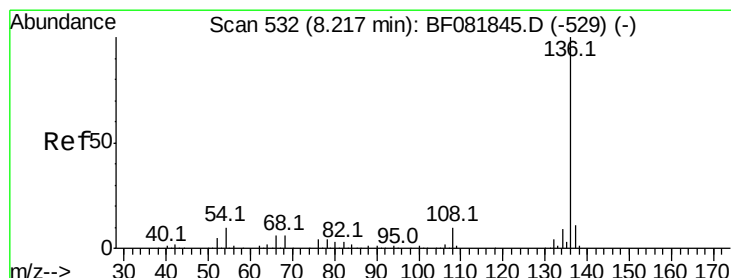
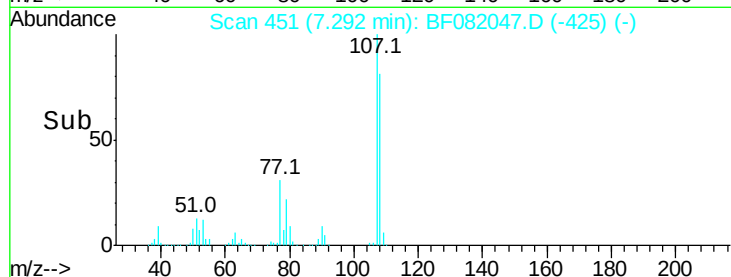
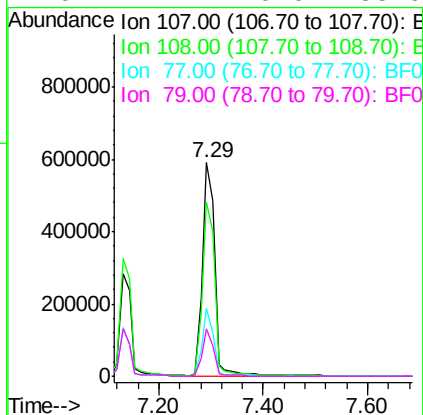
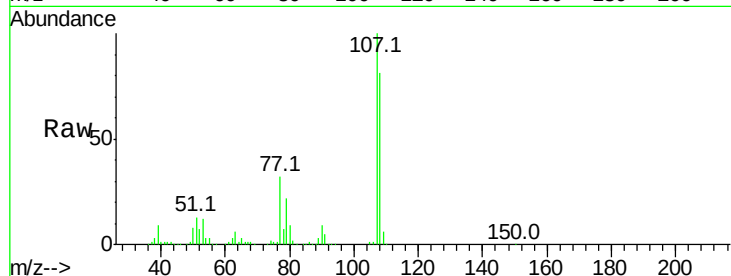
ClientSampleId :

PT-ACIDS-WP

Tot Ion:	107	Resp:	967669
Ion Ratio	Lower	Upper	
107	100		
108	81.4	74.6	114.6
77	31.6	0.7	40.7
79	22.4	0.0	38.9

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#21

Naphthalene-d8

Concen: 20.00 ng

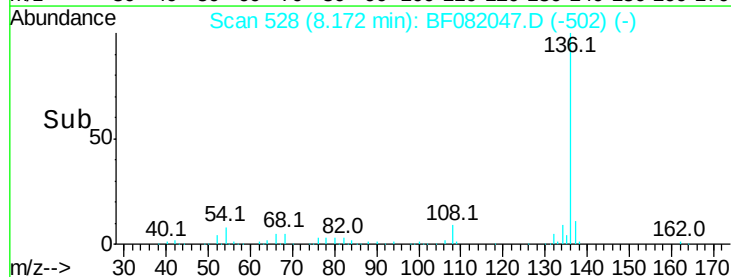
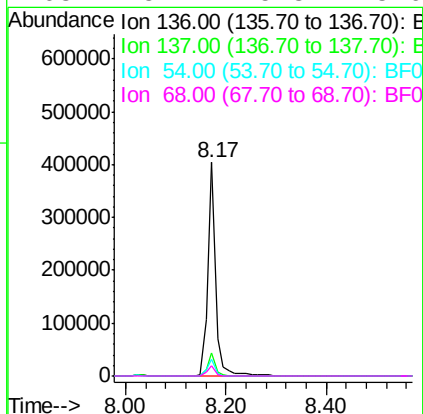
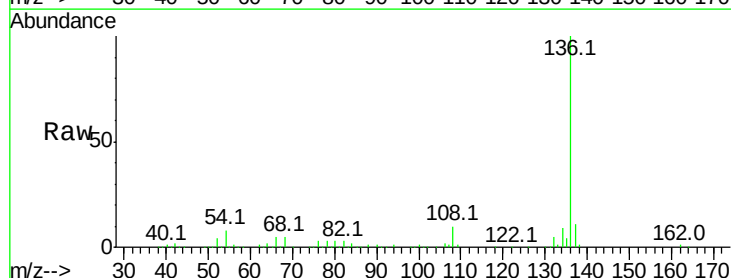
RT: 8.17 min Scan# 528

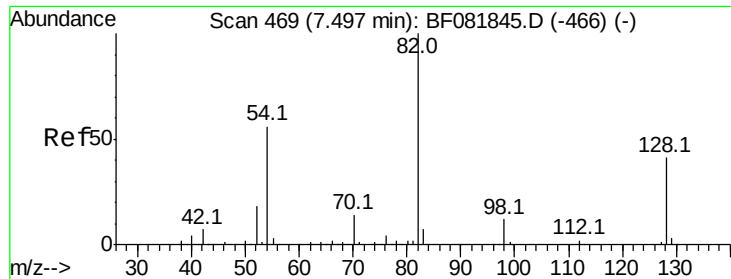
Delta R.T. -0.00 min

Lab File: BF082047.D

Acq: 5 Oct 2015 15:53

Tgt Ion:	136	Resp:	437589
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.6
54	7.8	8.2	12.2#
68	5.1	5.8	8.6#





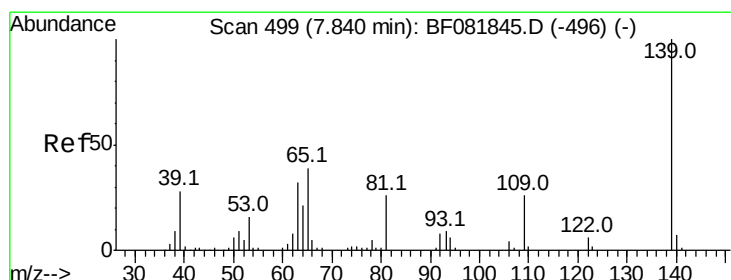
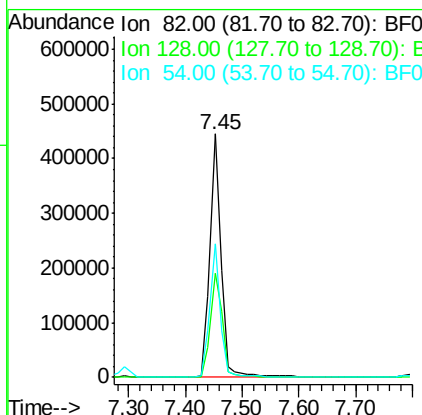
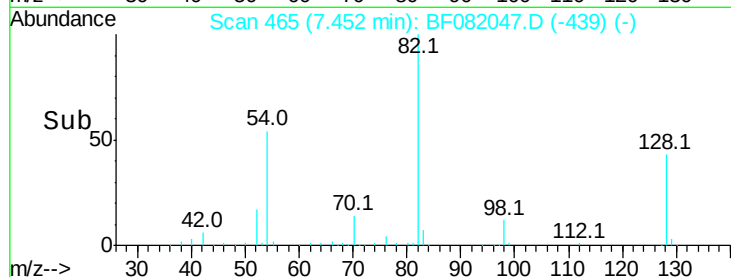
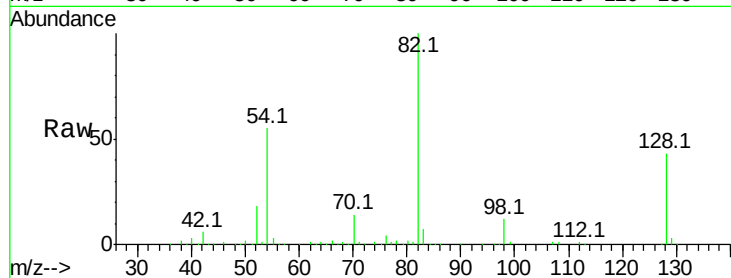
#23
 Nitrobenzene-d5
 Concen: 90.31 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	51.0	76.6#
54	54.6	47.5	71.3

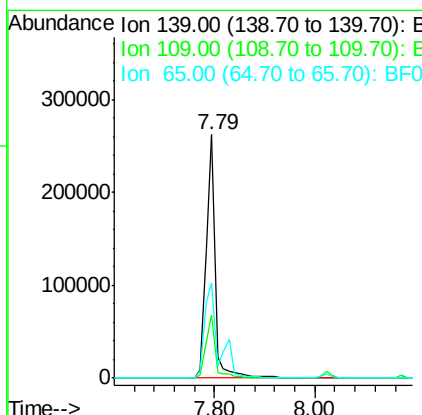
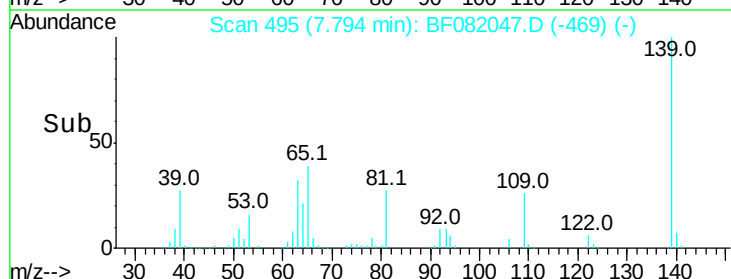
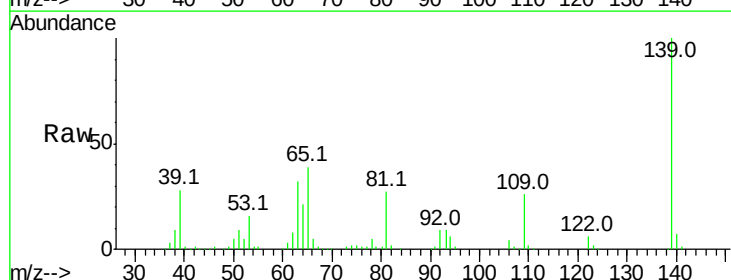
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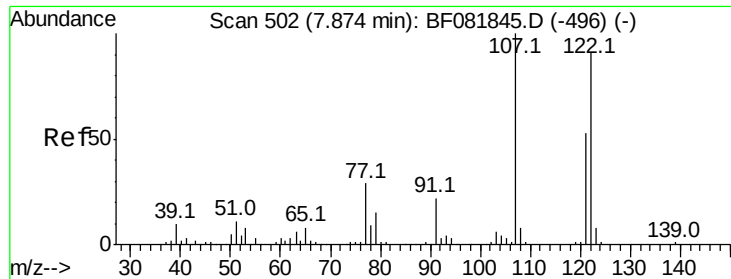
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#26
 2-Nitrophenol
 Concen: 95.57 ng
 RT: 7.79 min Scan# 495
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.7	11.0	16.4#
65	38.9	24.7	37.1#





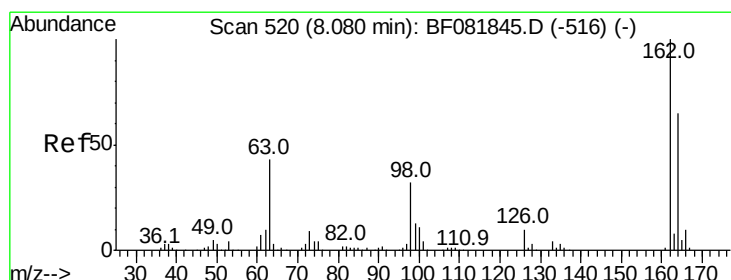
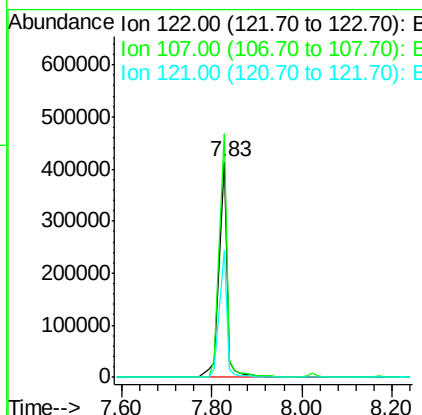
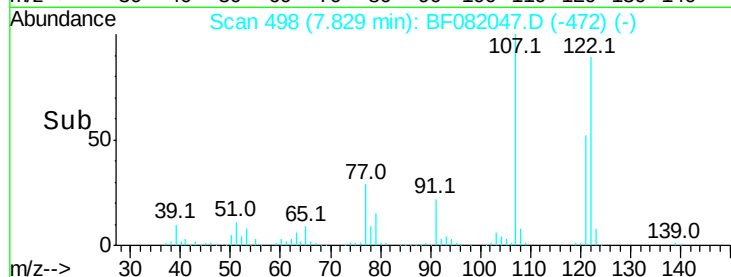
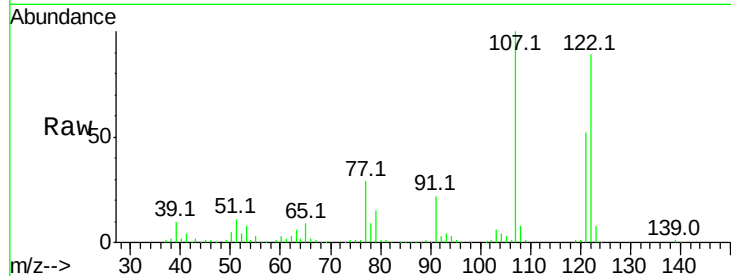
#27
2,4-Dimethylphenol
Concen: 87.60 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF082047.D
Acq: 5 Oct 2015 15:53

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	71.8	107.6#
121	58.7	42.3	63.5

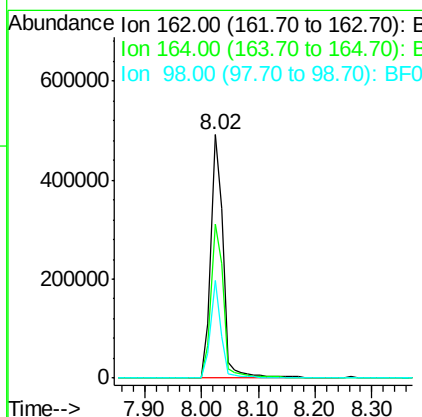
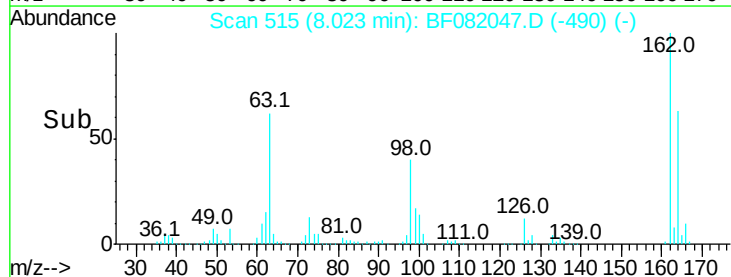
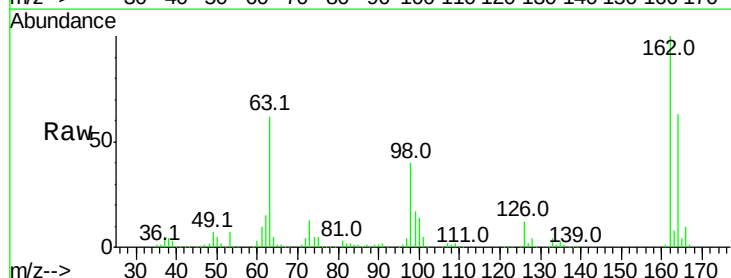
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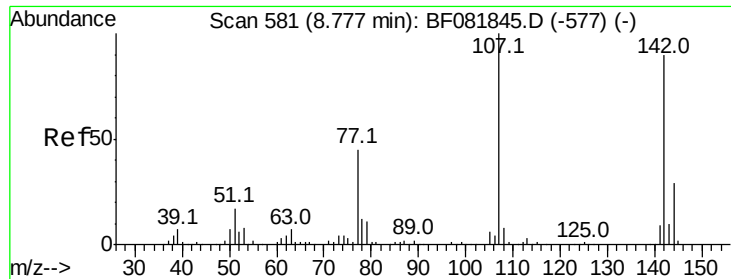
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#29
2,4-Dichlorophenol
Concen: 123.71 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF082047.D
Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.9	84.9
98	39.9	13.0	53.0





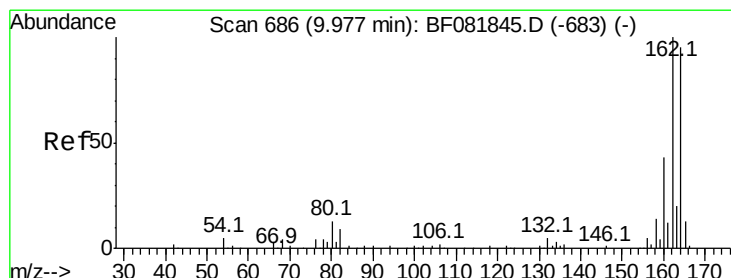
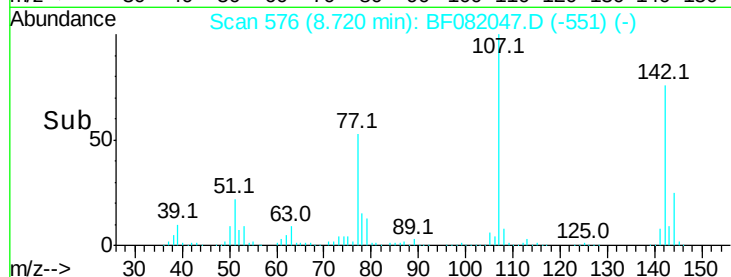
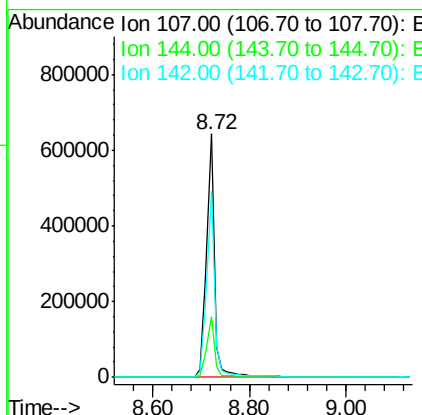
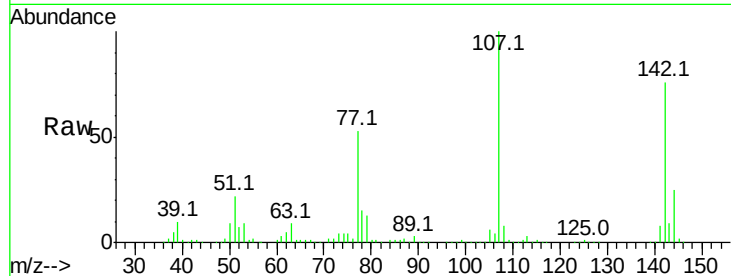
#36
 4-Chloro-3-methylphenol
 Concen: 132.10 ng
 RT: 8.72 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Instrument :
 BNA_F
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 PT-ACIDS-WP

Tot Ion	Ratio	Resp	Lower	Upper
107	100	753915		
144	25.0	25.4	38.0#	
142	76.4	77.3	115.9#	

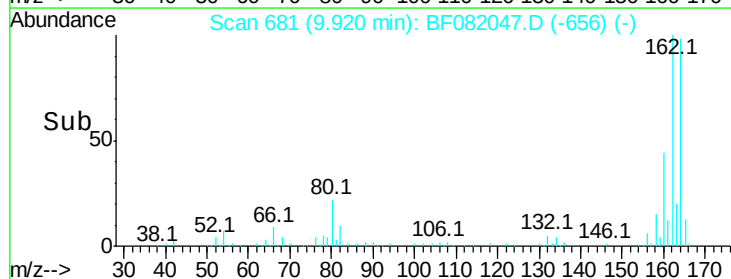
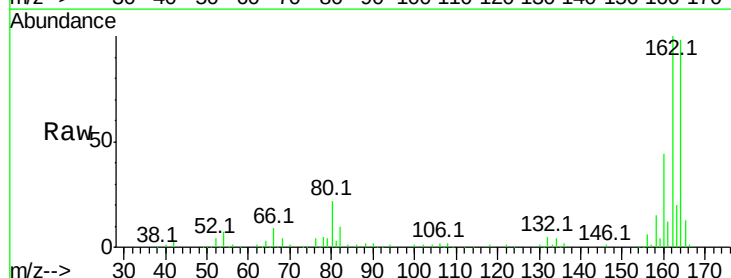
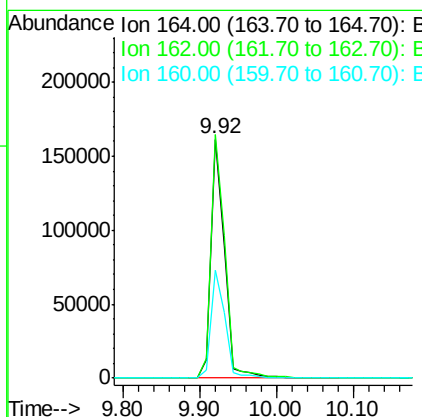
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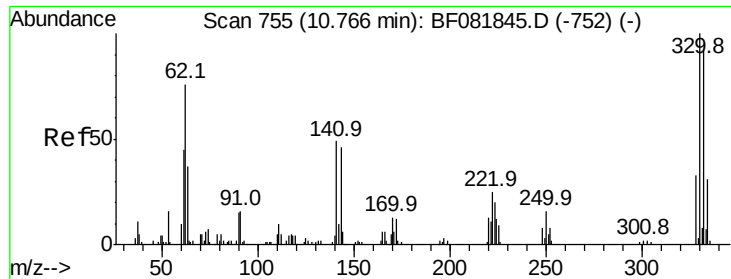
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 10/6/2015 2:55:11 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195721		
162	101.9	75.2	112.8	
160	45.2	31.5	47.3	





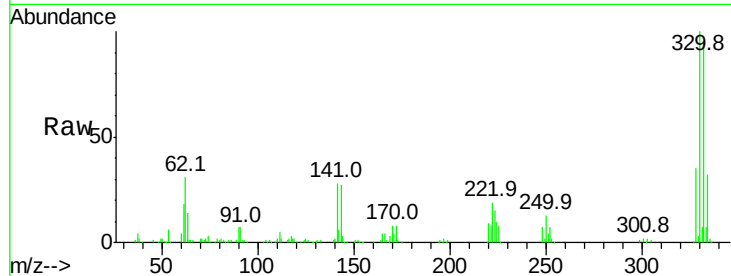
#41
 2,4,6-Tribromophenol
 Concen: 149.34 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

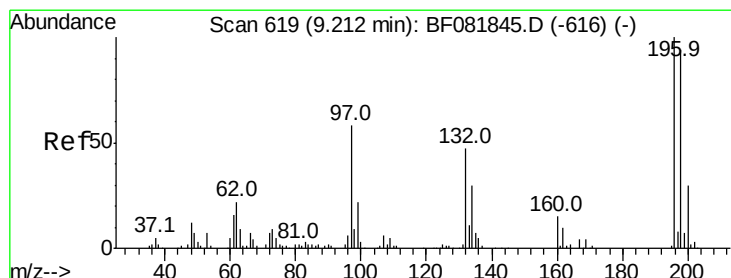
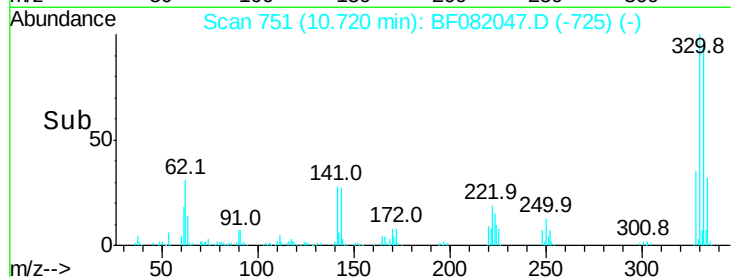
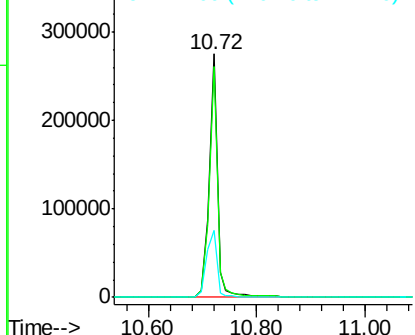
Tot Ion	Ratio	Resp	Lower	Upper
330	100	296011		
332	95.5	76.6	114.8	
141	34.9	29.7	44.5	

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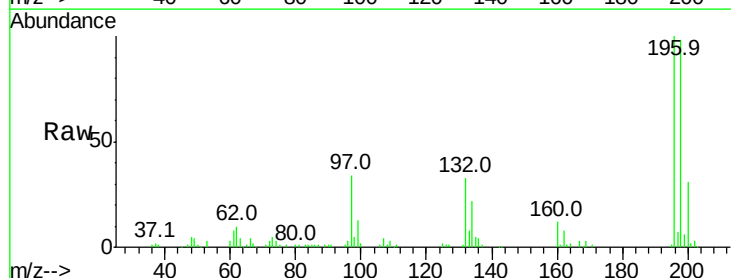


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

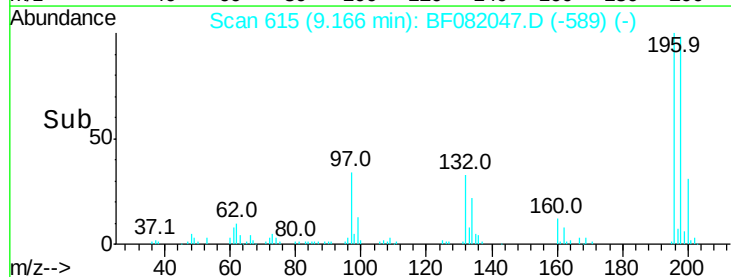
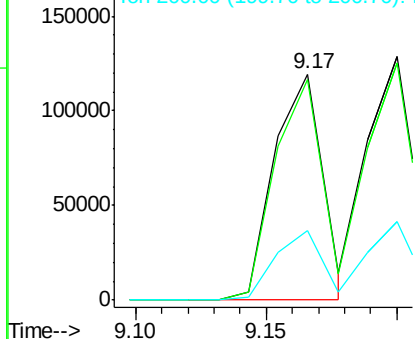


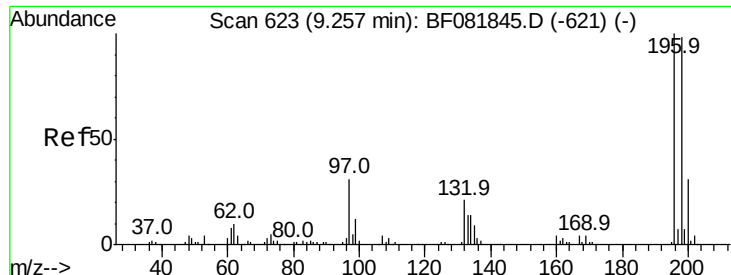
#42
 2,4,6-Trichlorophenol
 Concen: 37.53 ng
 RT: 9.17 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154603		
198	97.9	75.7	113.5	
200	30.8	23.9	35.9	



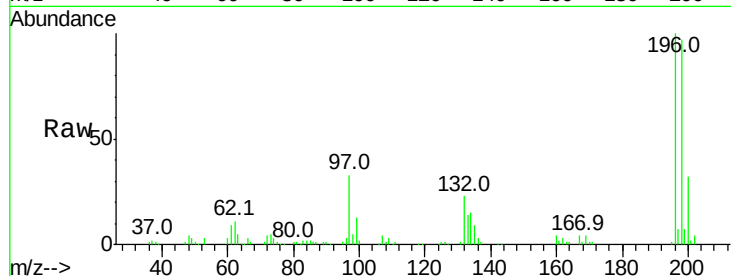
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 42.32 ng/ml
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

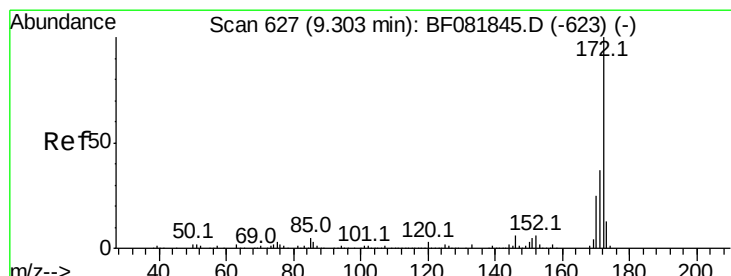
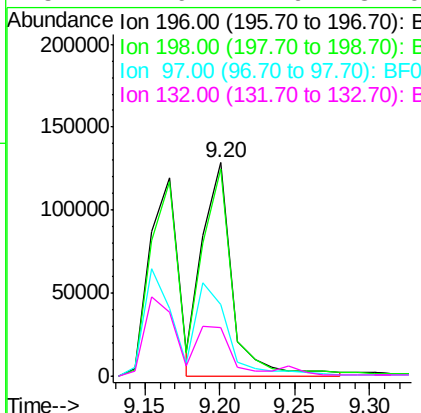
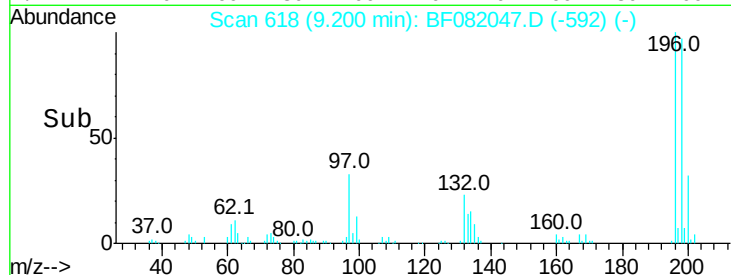
Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP



Tot Ion	Ratio	Resp	Lower	Upper
196	100	179260		
198	97.3	75.4	113.0	
97	33.5	33.3	49.9	
132	22.6	24.6	37.0	

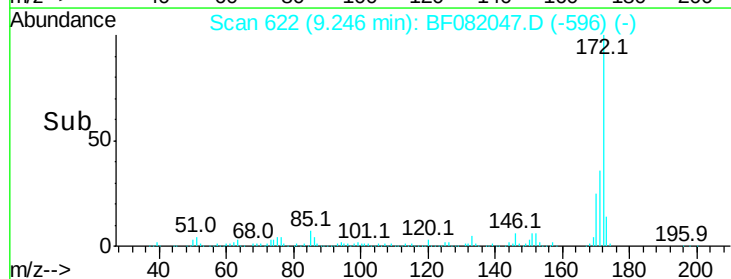
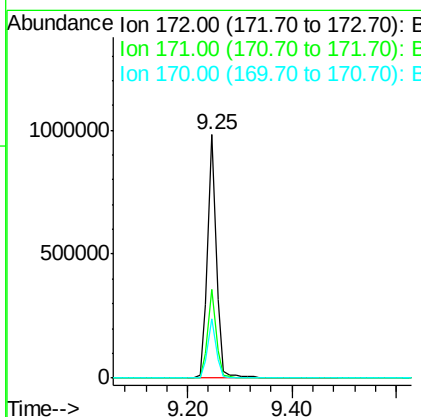
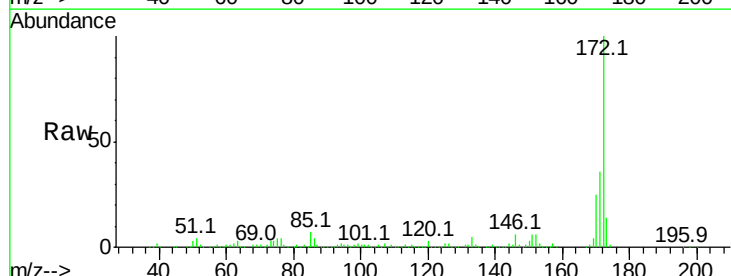
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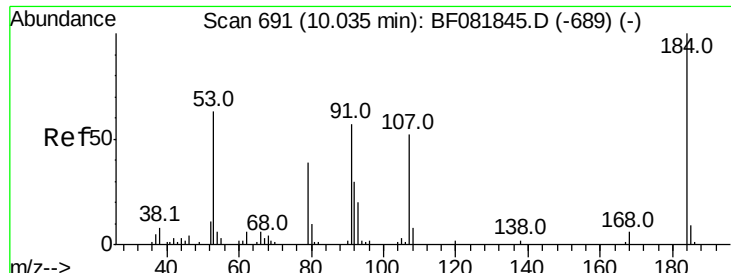
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#44
 2-Fluorobiphenyl
 Concen: 104.24 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1166257		
171	36.2	26.1	39.1	
170	24.6	17.4	26.2	





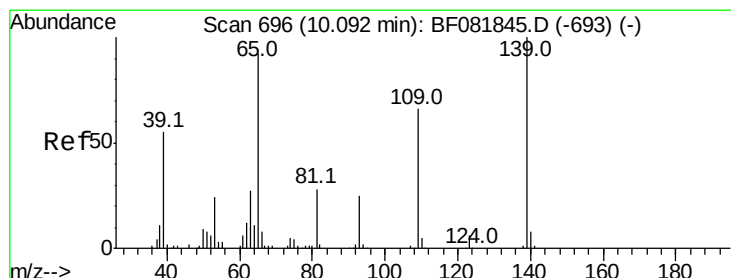
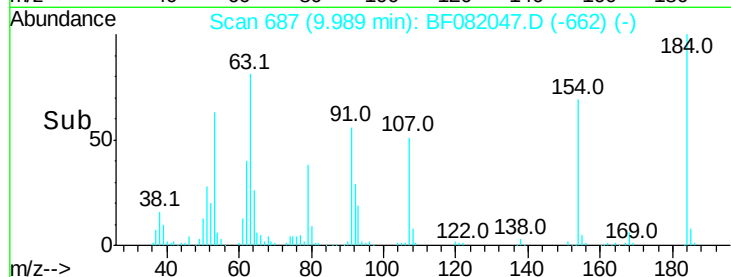
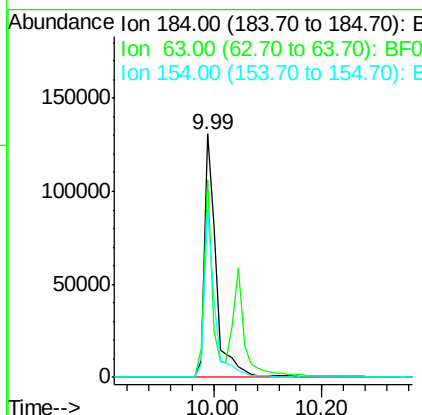
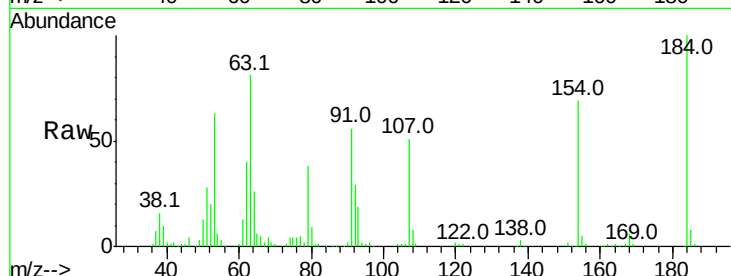
#53
 2,4-Dinitrophenol
 Concen: 107.58 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	81.3	35.4	53.2#	
154	69.0	32.2	48.4#	

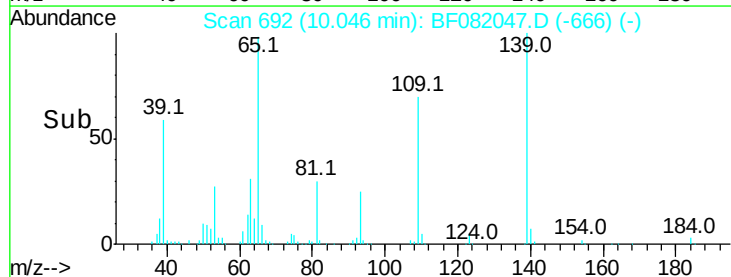
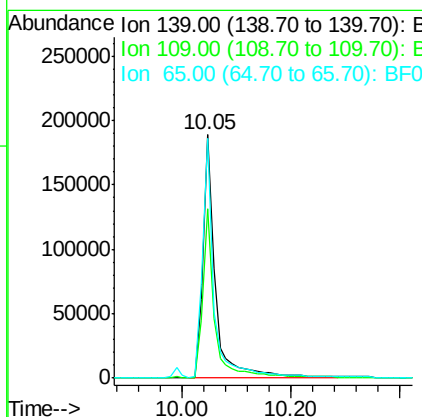
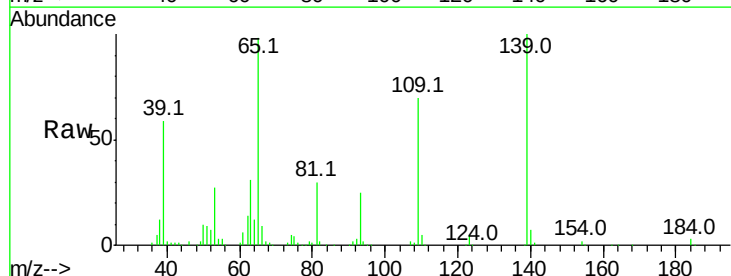
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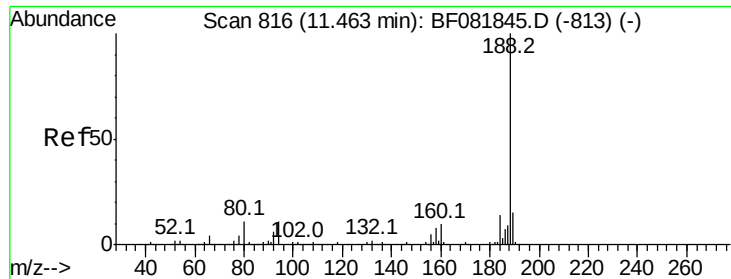
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 10/6/2015 2:55:11 PM



#55
 4-Nitrophenol
 Concen: 124.30 ng
 RT: 10.05 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.6	12.7	52.7#	
65	98.4	45.9	85.9#	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF082047.D

Acq: 5 Oct 2015 15:53

Instrument :

BNA_F

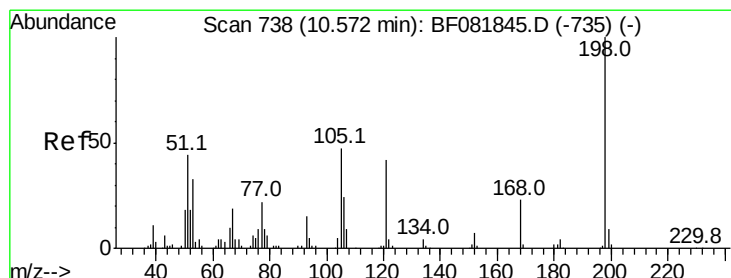
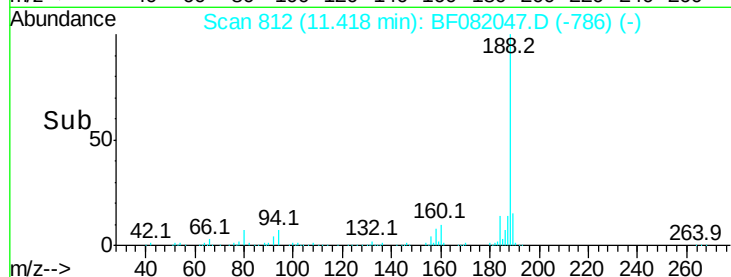
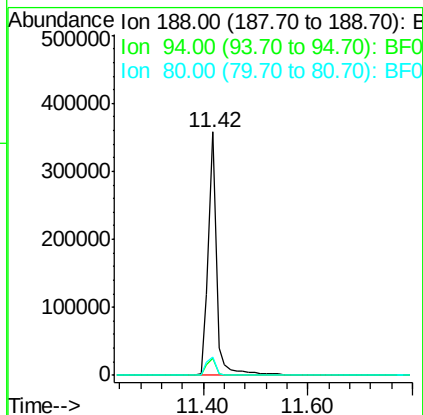
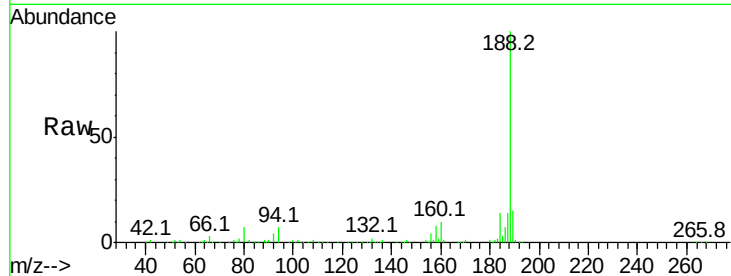
ClientSampleId :

PT-ACIDS-WP

Tot Ion:	188	Resp:	400271
Ion Ratio	Lower	Upper	
188	100		
94	6.8	11.1	16.7#
80	7.3	11.0	16.4#

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10/6/2015 2:55:11 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 59.81 ng

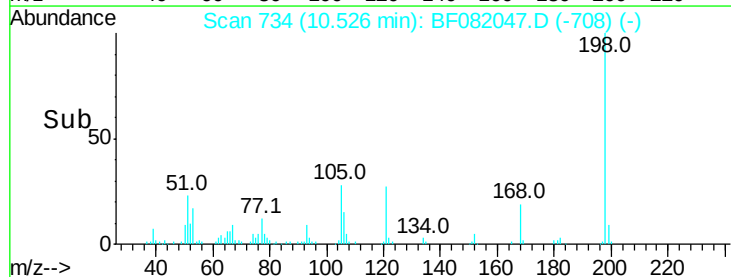
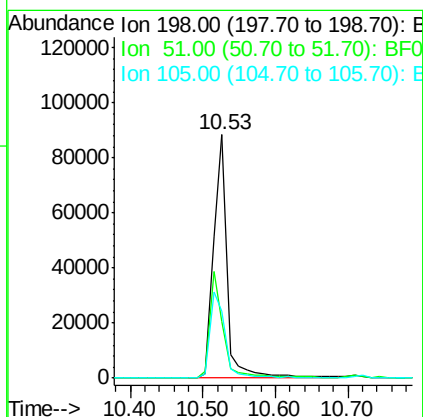
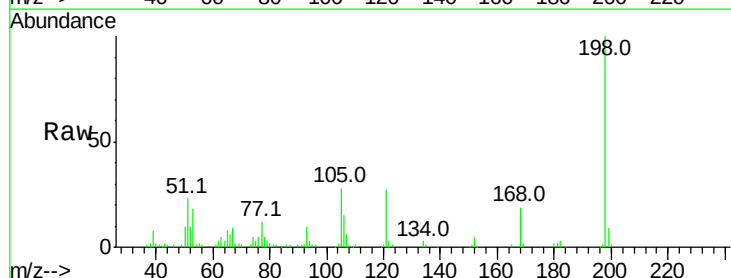
RT: 10.53 min Scan# 734

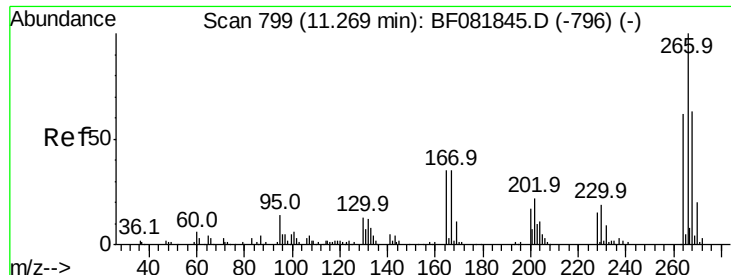
Delta R.T. -0.00 min

Lab File: BF082047.D

Acq: 5 Oct 2015 15:53

Tgt Ion:	198	Resp:	114886
Ion Ratio	Lower	Upper	
198	100		
51	23.2	39.6	79.6#
105	27.6	28.5	68.5#





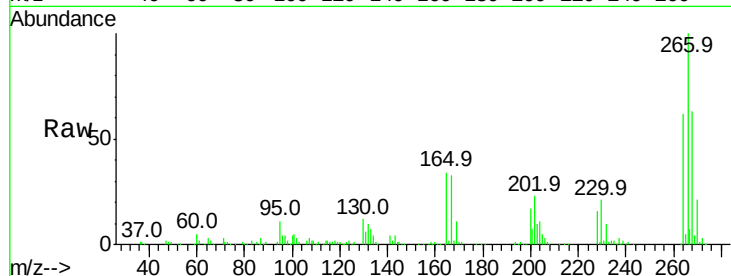
#69
 Pentachlorophenol
 Concen: 132.81 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

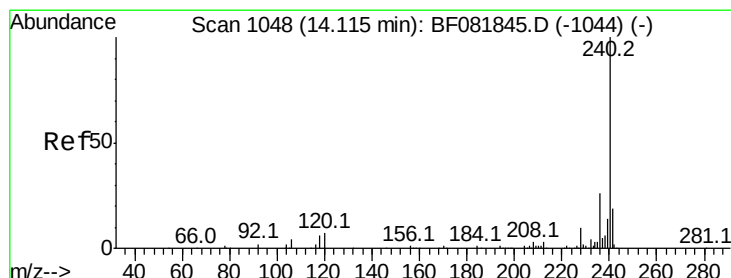
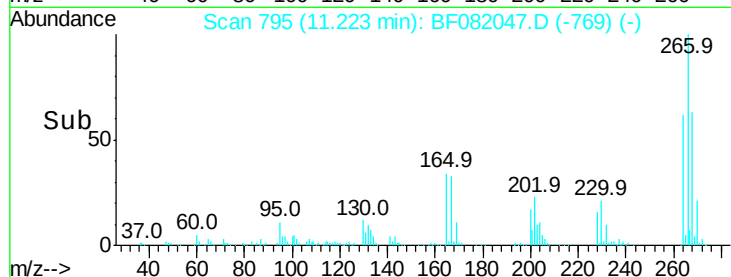
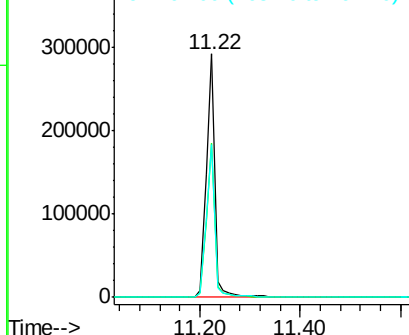
Tot Ion	Ratio	Resp	Lower	Upper
266	100	344672		
268	63.3	49.8	74.6	
264	62.5	50.2	75.2	

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 10/6/2015 2:55:11 PM

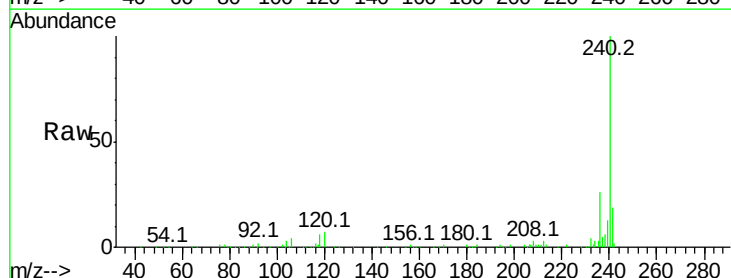


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

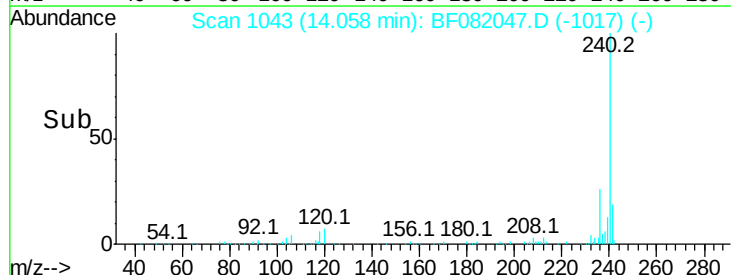
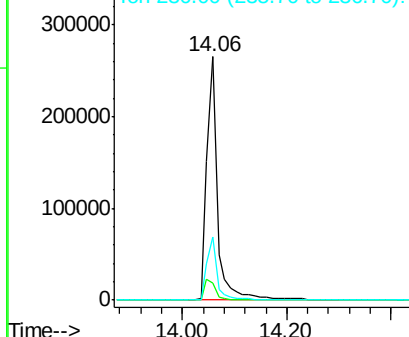


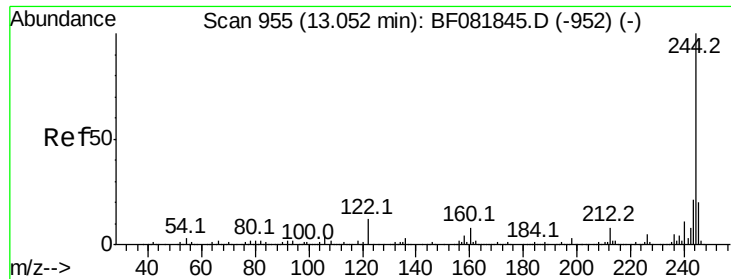
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	375687		
120	6.8	16.2	24.2#	
236	25.7	18.4	27.6	



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





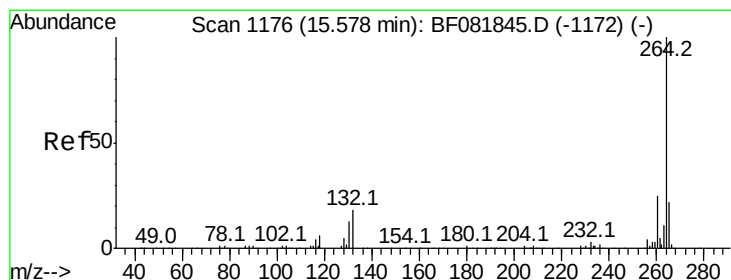
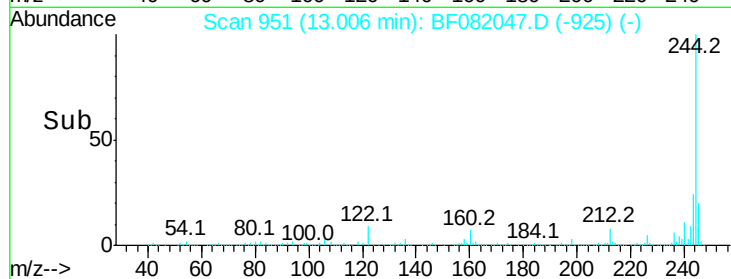
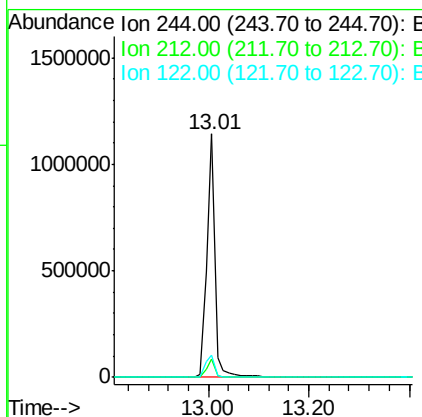
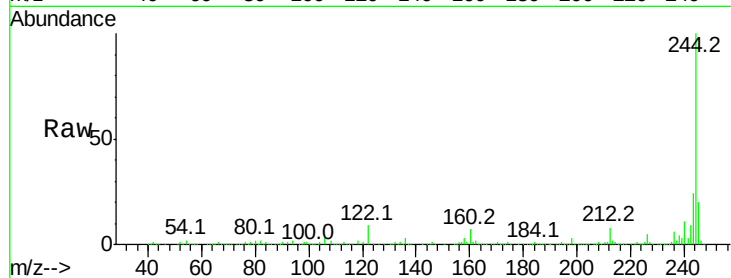
#78
 Terphenyl-d14
 Concen: 126.14 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tot Ion:244 Resp: 1277130
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 9.3 17.4 26.2#

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082047.D
 Acq: 5 Oct 2015 15:53

Tgt Ion:264 Resp: 319745
 Ion Ratio Lower Upper
 264 100
 260 24.2 16.7 25.1
 265 22.5 17.2 25.8

