

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
 Data File : BF085720.D
 Acq On : 24 Mar 2016 18:16
 Operator : UM/SJ
 Sample : H1739-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Manual Integrations
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Sohil
 3/25/2016 5:56:55 PM

Quant Time: Mar 25 15:07:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108860	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	420016	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	208670	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	390024	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	292195	20.00	ng	0.00
86) Perylene-d12	15.40	264	200158	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	799139	122.26	ng	0.01
7) Phenol-d6	6.46	99	1090410	131.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	739873	99.20	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	293048	147.81	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1164738	93.26	ng	0.00
78) Terphenyl-d14	12.93	244	1162988	81.86	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	6.61	128	891103	117.33	ng	93
17) 2-Methylphenol	7.09	107	739200	121.58	ng	98
20) 3+4-Methylphenols	7.25	107	1201424	164.35	ng	# 52
26) 2-Nitrophenol	7.73	139	379061	98.55	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	653279	97.16	ng	98
29) 2,4-Dichlorophenol	7.97	162	554772	98.16	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	527647	79.92	ng	93
42) 2,4,6-Trichlorophenol	9.11	196	581046m	139.03	ng	
43) 2,4,5-Trichlorophenol	9.14	196	370665m	84.57	ng	
53) 2,4-Dinitrophenol	9.93	184	216697	122.40	ng	# 75
55) 4-Nitrophenol	9.99	139	367346	144.56	ng	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	127757	55.93	ng	94
69) Pentachlorophenol	11.16	266	325807	159.03	ng	99

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

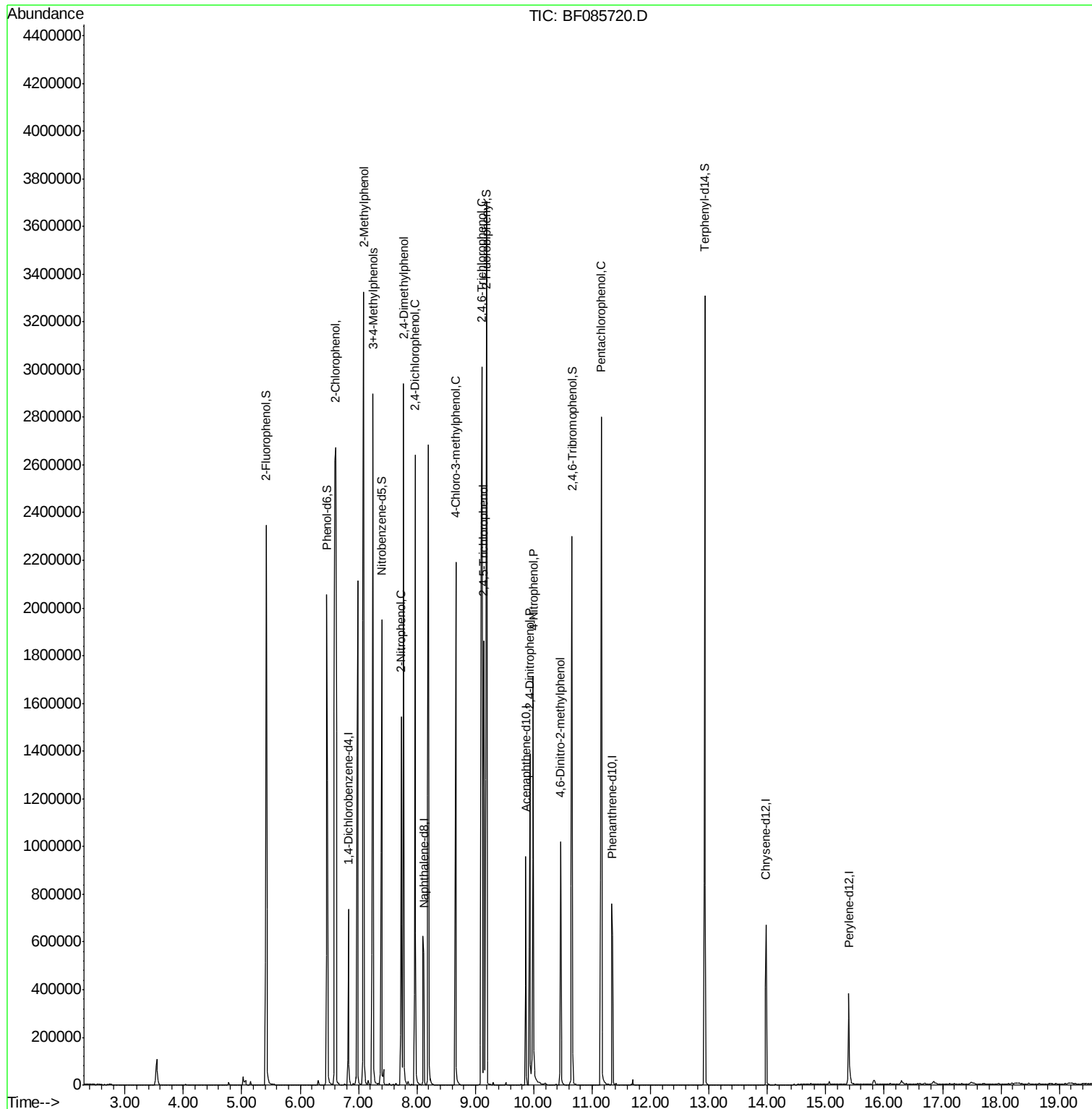
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085720.D
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ALS Vial : 7 Sample Multiplier: 1

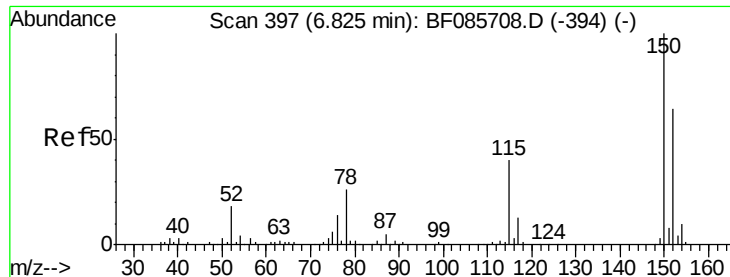
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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#1

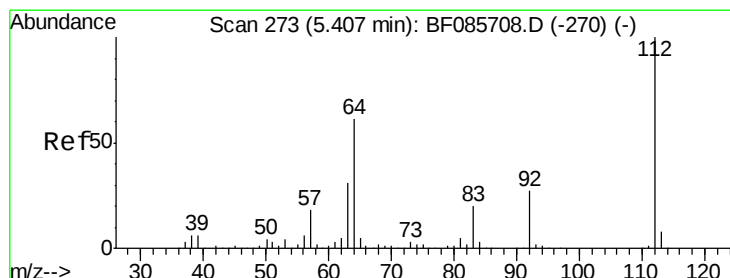
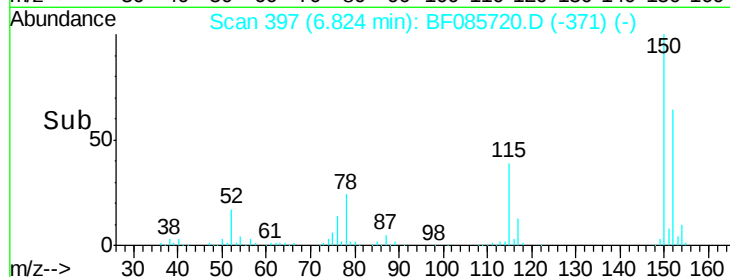
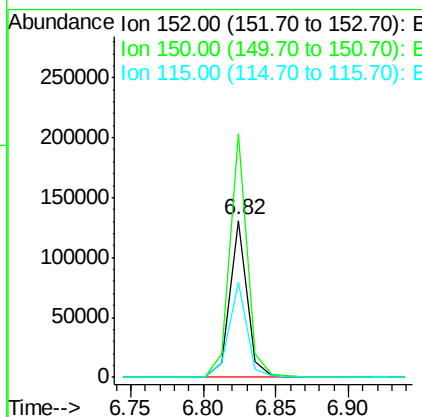
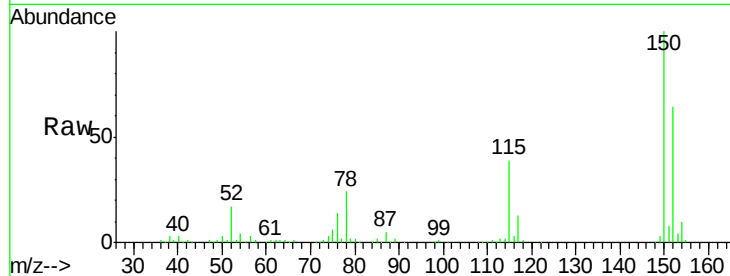
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.2	186.2
115	60.3	47.0	70.6

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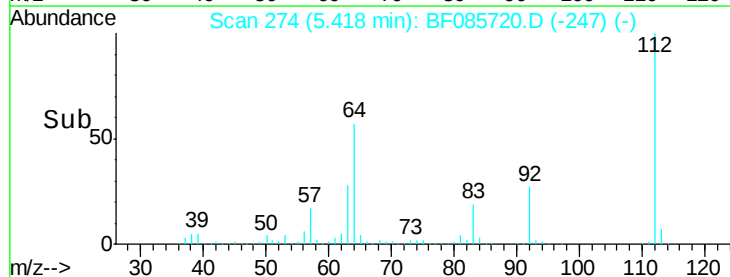
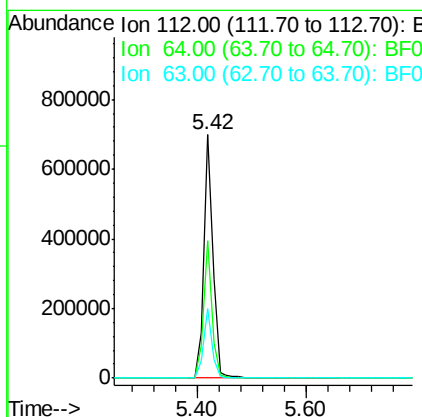
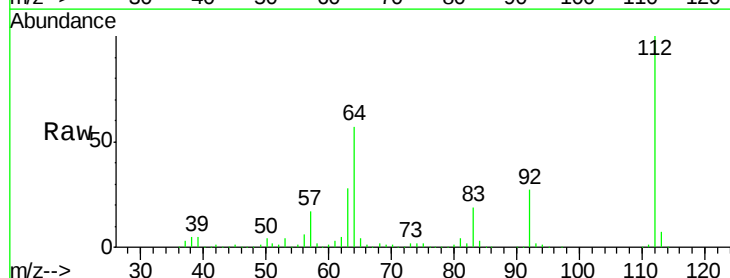
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#5

2-Fluorophenol
Concen: 122.26 ng
RT: 5.42 min Scan# 274
Delta R.T. 0.01 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.9	59.9
63	28.5	20.2	30.2





#7

Phenol-d6

Concen: 131.21 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

Instrument :

BNA_F

ClientSampleId :

PT-ACIDS-WP

Tgt Ion: 99 Resp: 1090410

Ion Ratio Lower Upper

99 100

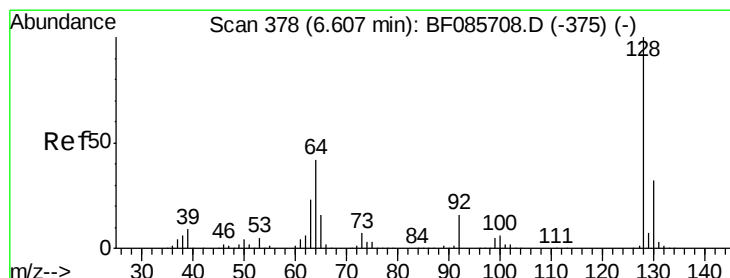
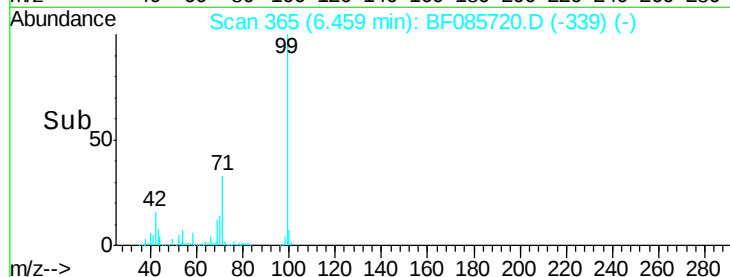
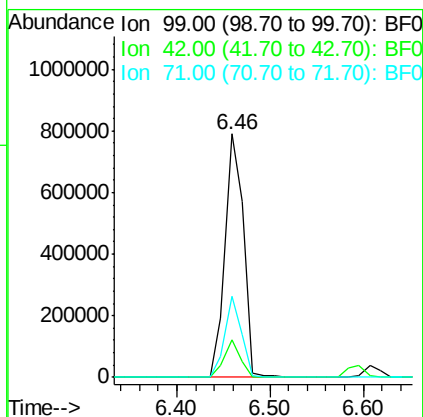
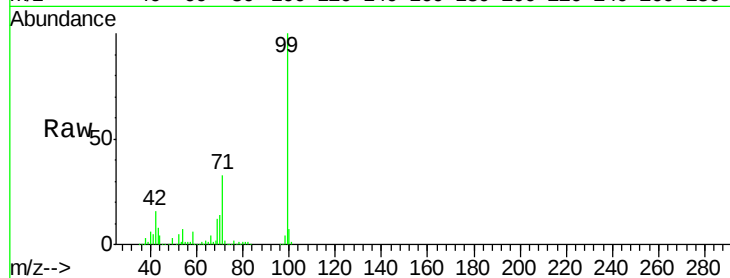
42 15.6 11.1 16.7

71 33.1 24.9 37.3

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#8

2-Chlorophenol

Concen: 117.33 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

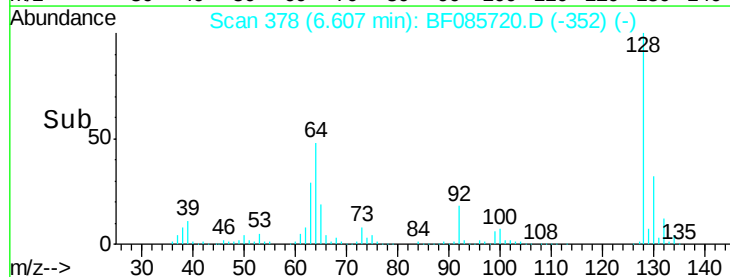
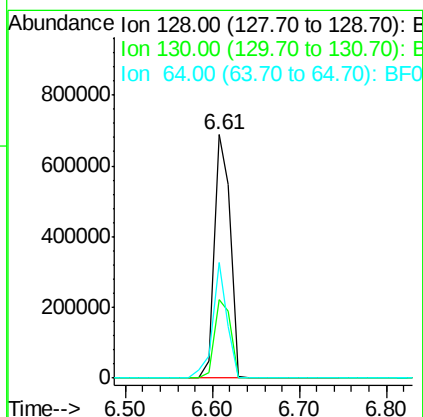
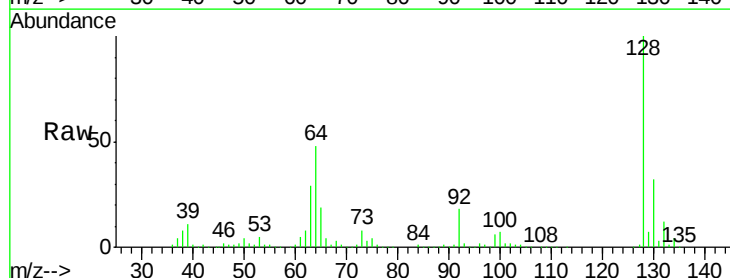
Tgt Ion: 128 Resp: 891103

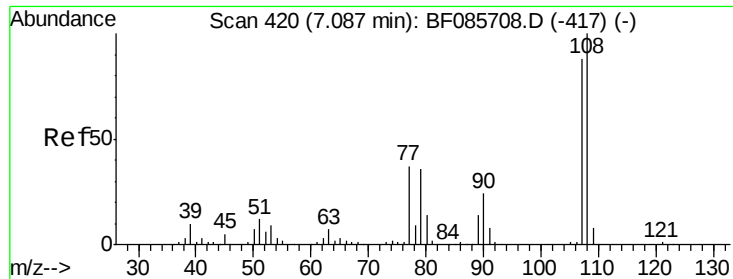
Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

64 47.7 20.2 60.2





#17

2-Methylphenol

Concen: 121.58 ng

RT: 7.09 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

Instrument :

BNA_F

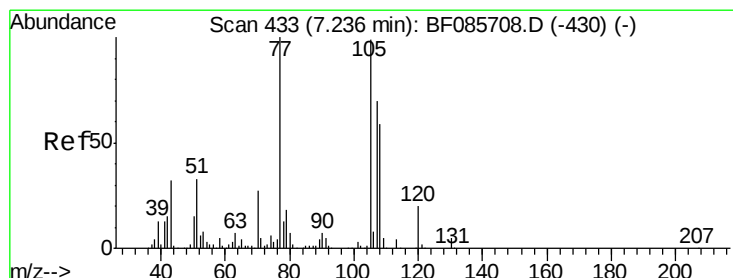
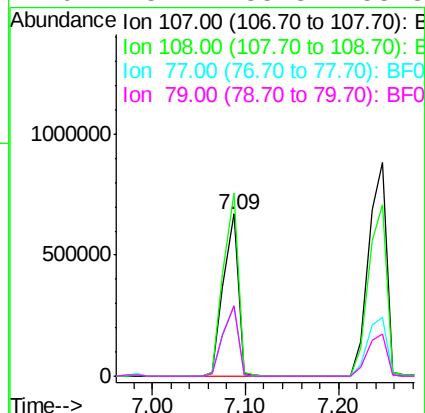
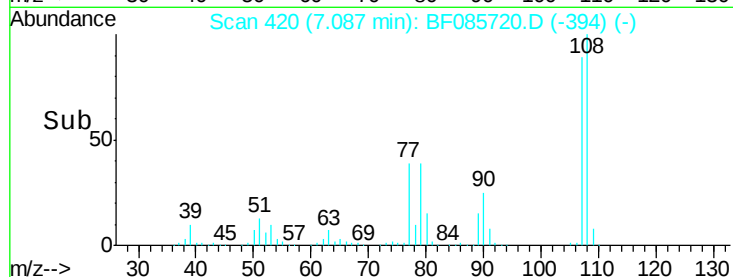
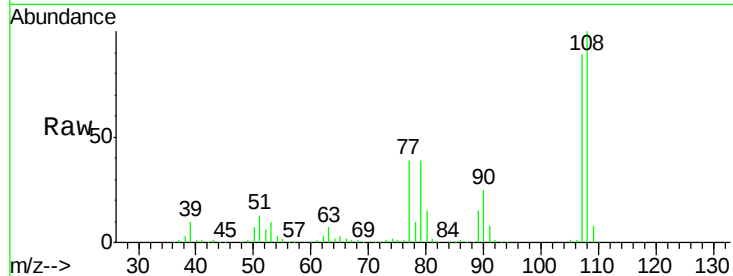
ClientSampleId :

PT-ACIDS-WP

Tgt	Ion	107	Resp:	739200
Ion	Ratio	Lower	Upper	
107	100			
108	112.4	91.4	137.0	
77	43.3	36.2	54.2	
79	43.7	35.8	53.8	

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#20

3+4-Methylphenols

Concen: 164.35 ng

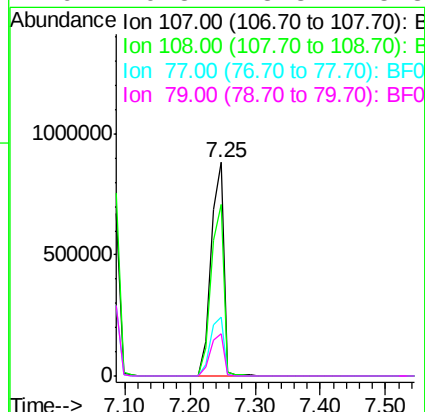
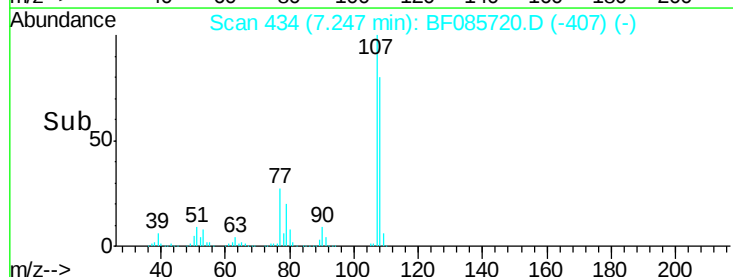
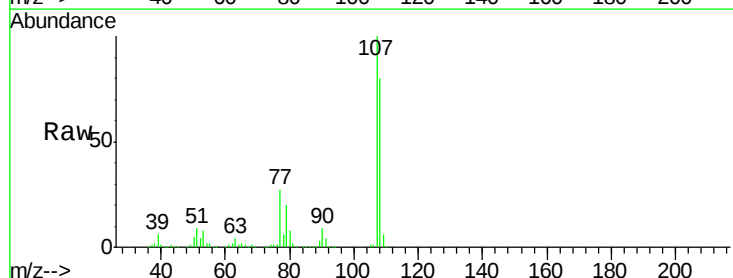
RT: 7.25 min Scan# 434

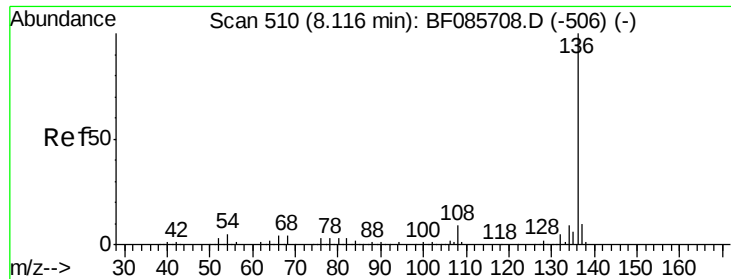
Delta R.T. 0.01 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

Tgt	Ion	107	Resp:	1201424
Ion	Ratio	Lower	Upper	
107	100			
108	80.5	69.3	109.3	
77	27.3	101.7	141.7#	
79	19.8	8.3	48.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

Instrument :

BNA_F

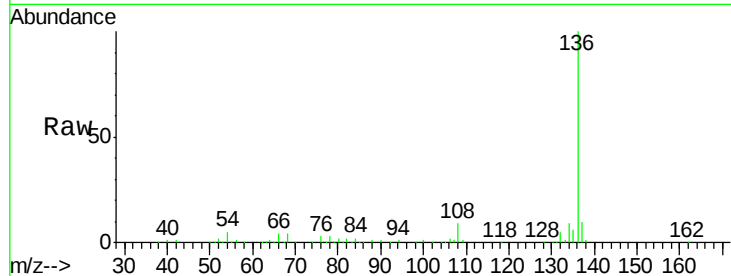
ClientSampleId :

PT-ACIDS-WP

Tgt Ion:	136	Resp:	420016
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.1	13.7
54	4.6	7.4	11.0#
68	4.0	5.8	8.8#

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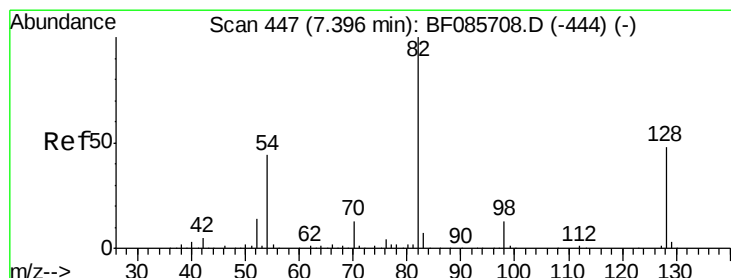
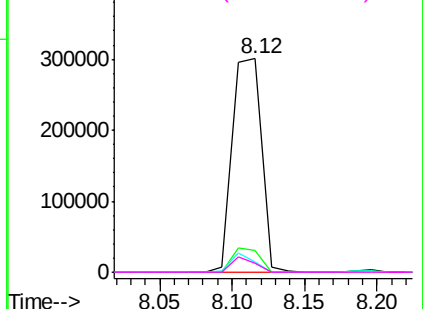
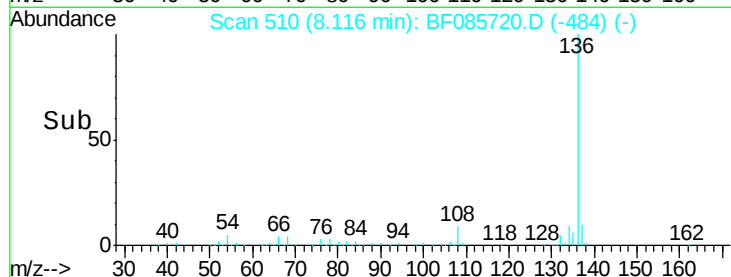


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 99.20 ng

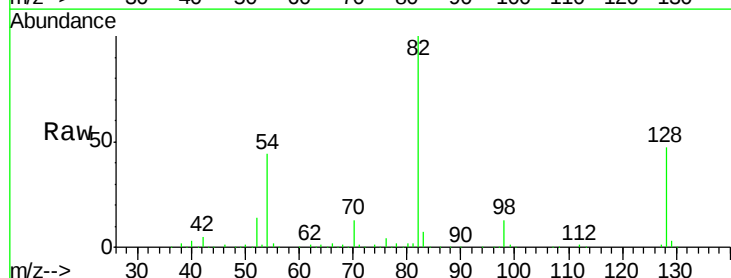
RT: 7.40 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

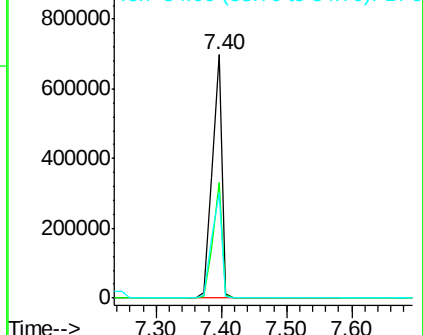
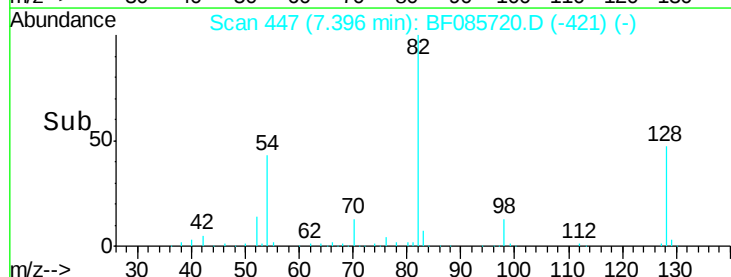
Tgt Ion:	82	Resp:	739873
Ion Ratio	Lower	Upper	
82	100		
128	47.3	41.8	62.8
54	43.5	33.4	50.0

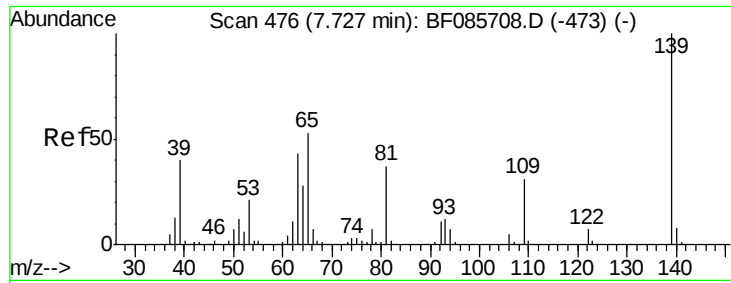


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





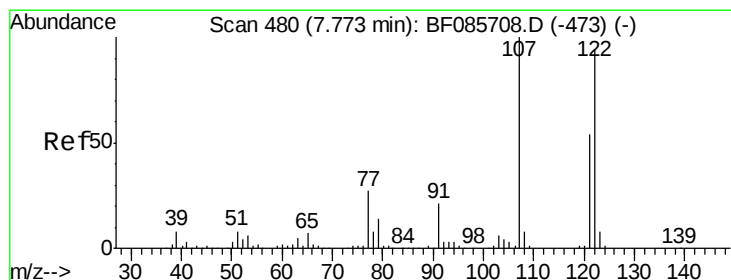
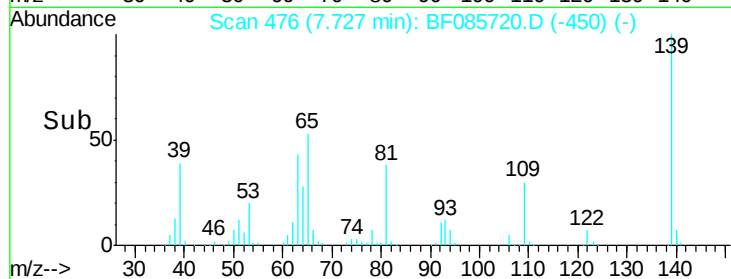
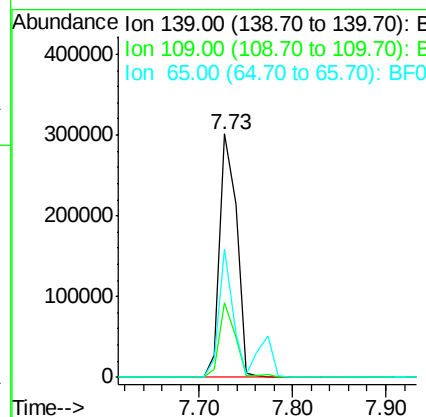
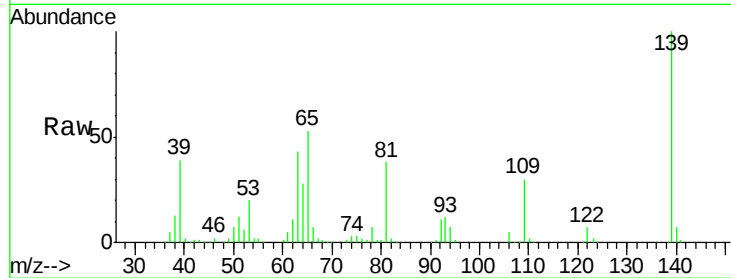
#26
 2-Nitrophenol
 Concen: 98.55 ng
 RT: 7.73 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF085720.D
 Acq: 24 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	379061		
109	30.4	22.1	33.1	
65	52.9	33.9	50.9	

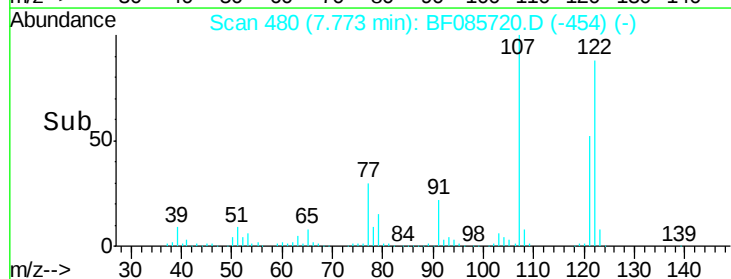
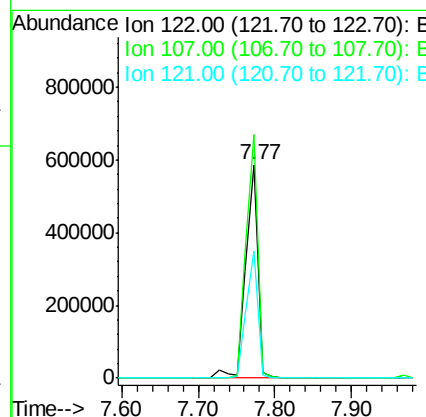
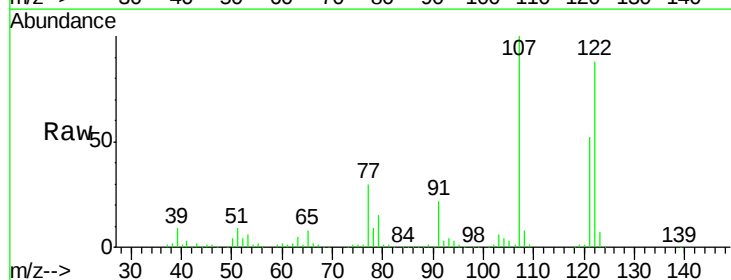
Manual Integrations
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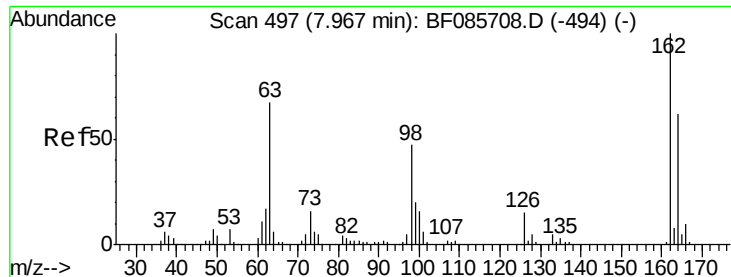
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#27
 2,4-Dimethylphenol
 Concen: 97.16 ng
 RT: 7.77 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF085720.D
 Acq: 24 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	653279		
107	114.1	93.0	139.6	
121	59.6	45.9	68.9	





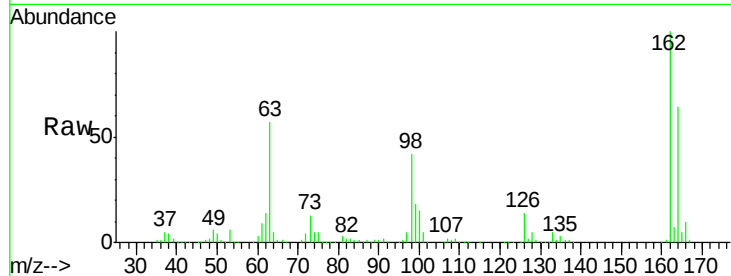
#29
2,4-Dichlorophenol
Concen: 98.16 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	554772		
164	64.0	43.7	83.7	
98	42.2	20.4	60.4	

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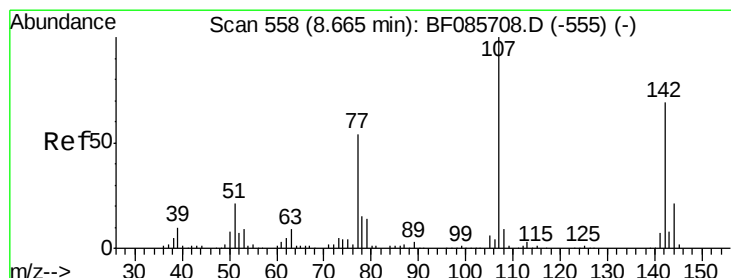
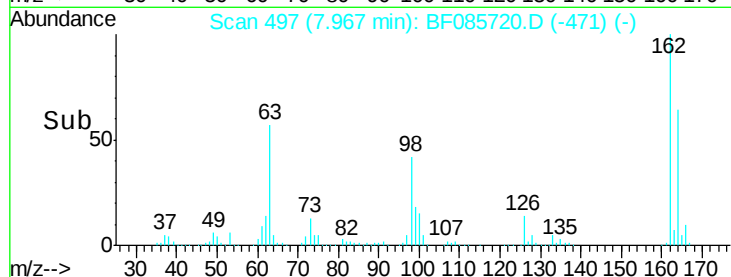
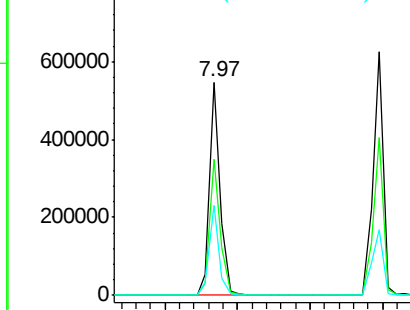


Abundance

Ion 162.00 (161.70 to 162.70): E

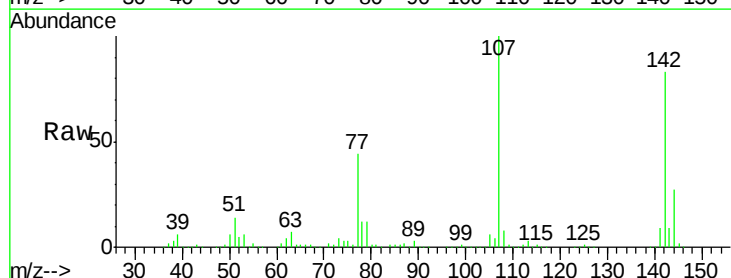
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#36
4-Chloro-3-methylphenol
Concen: 79.92 ng
RT: 8.66 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	527647		
144	26.8	19.3	28.9	
142	82.9	61.4	92.0	

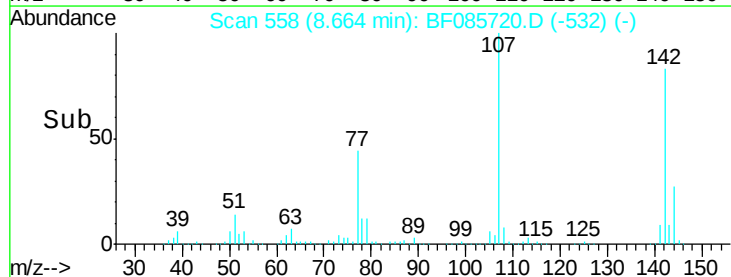
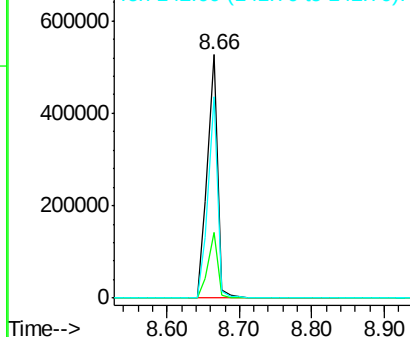


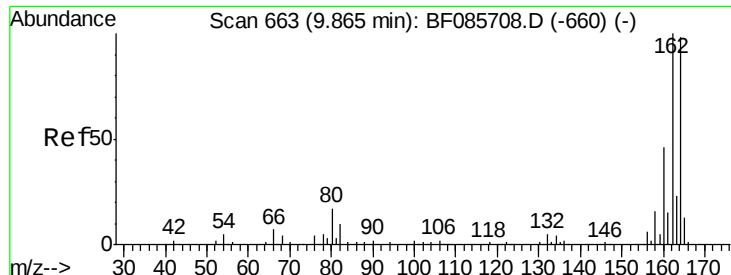
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





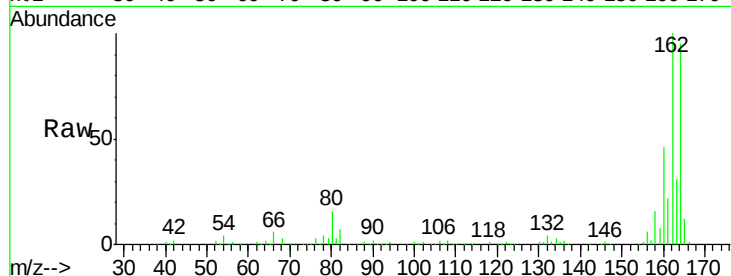
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

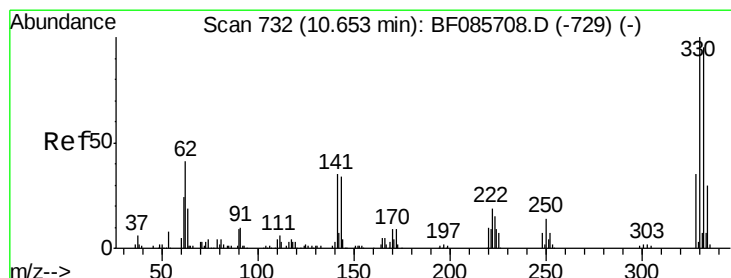
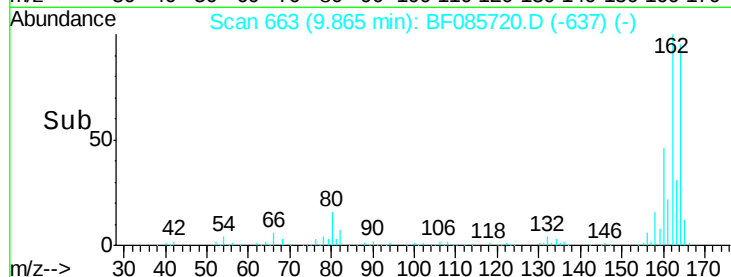
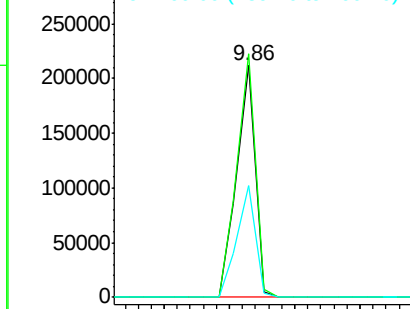
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	208670		
162	105.0	82.1	123.1	
160	48.1	37.4	56.2	

Manual Integrations
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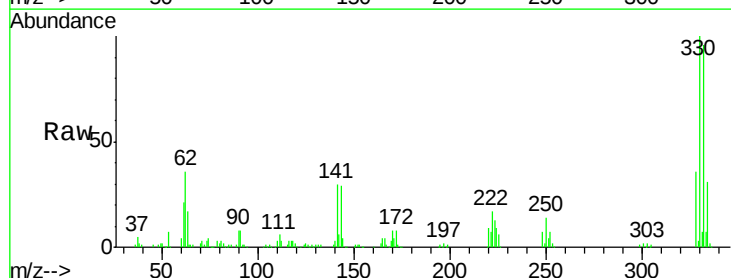


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

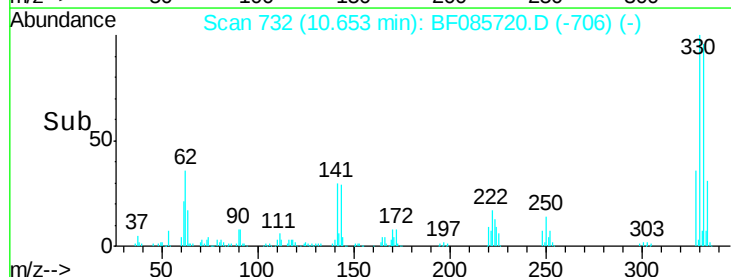
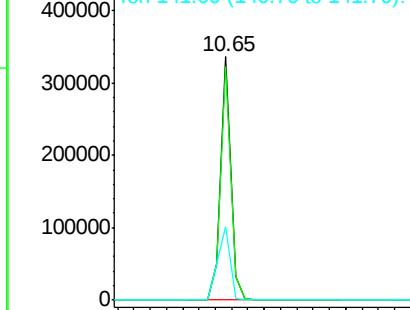


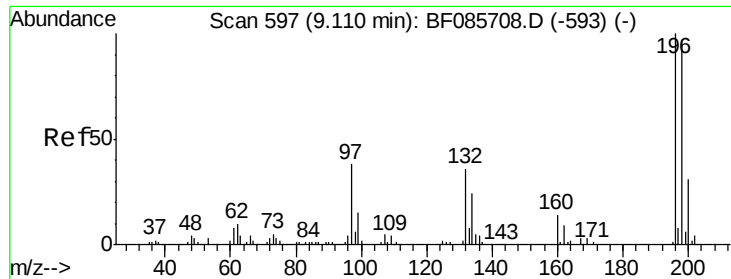
#41
2,4,6-Tribromophenol
Concen: 147.81 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	293048		
332	95.7	78.2	117.2	
141	37.1	31.5	47.3	



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





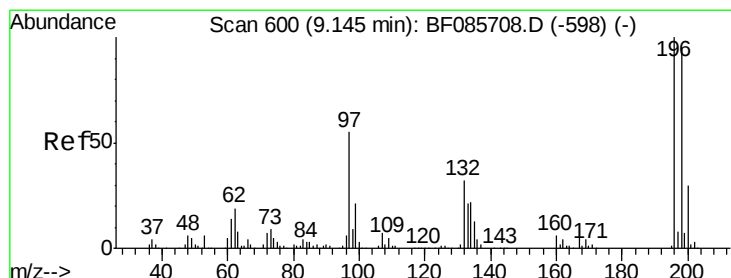
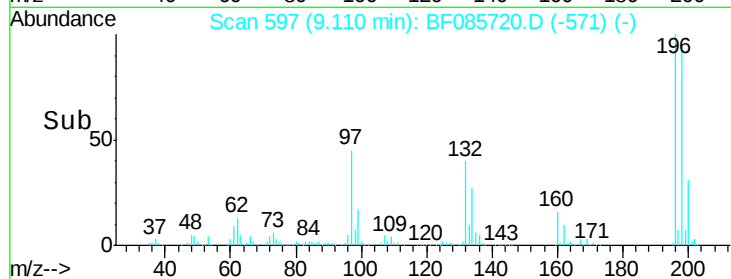
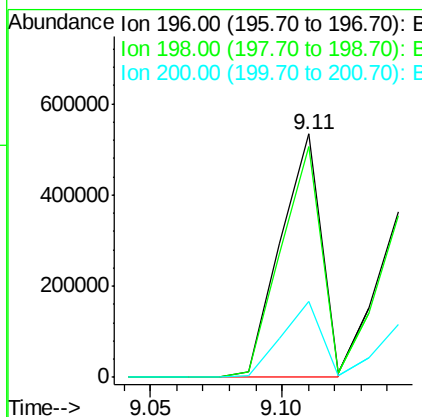
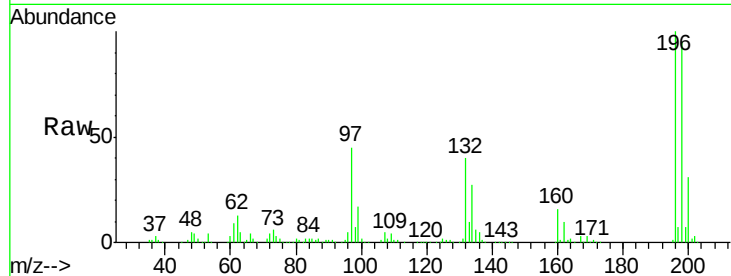
#42
 2,4,6-Trichlorophenol
 Concen: 139.03 ng m
 RT: 9.11 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF085720.D
 Acq: 24 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	581046		
198	95.1	75.3	112.9	
200	31.0	23.7	35.5	

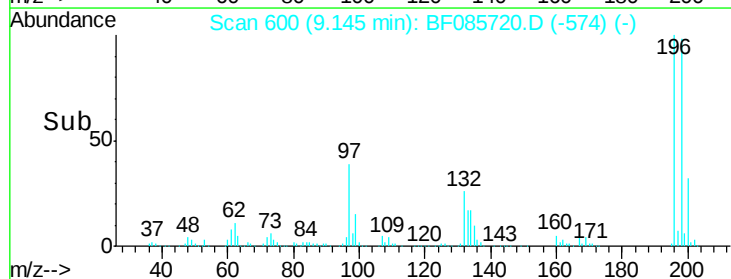
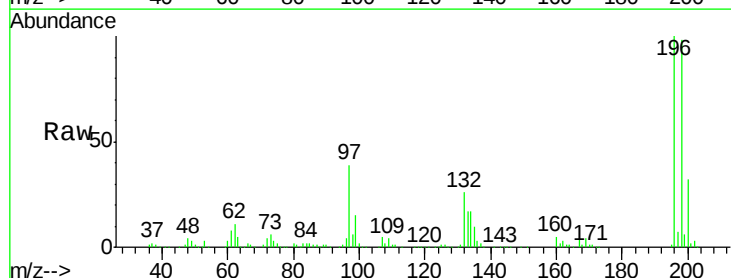
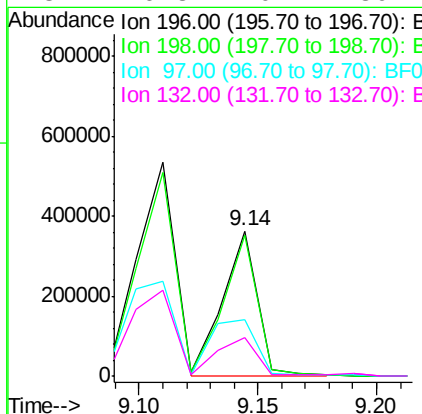
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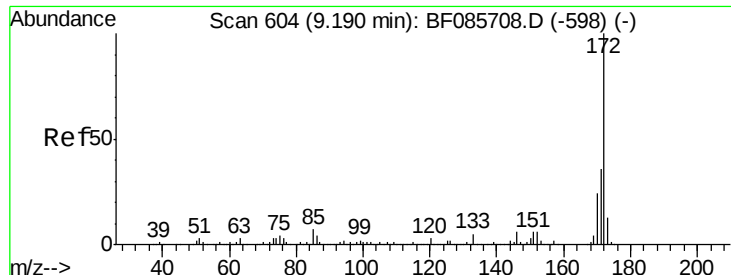
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#43
 2,4,5-Trichlorophenol
 Concen: 84.57 ng m
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF085720.D
 Acq: 24 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	370665		
198	97.6	76.6	114.8	
97	38.8	30.5	45.7	
132	26.3	20.2	30.2	





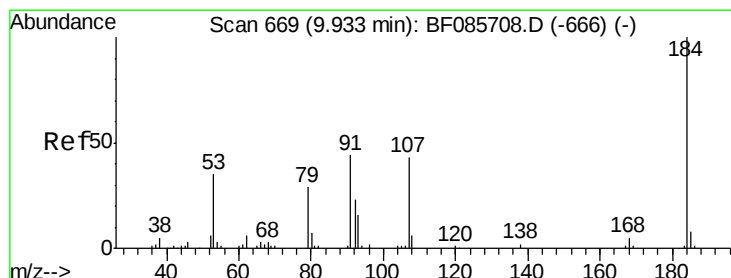
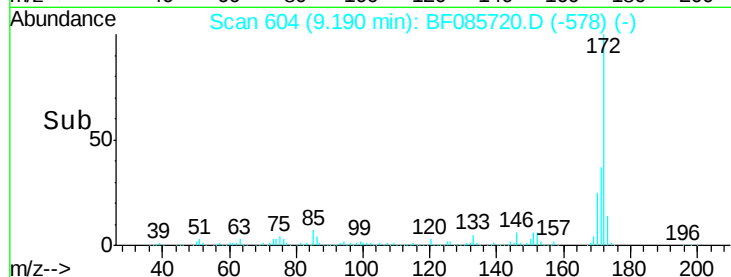
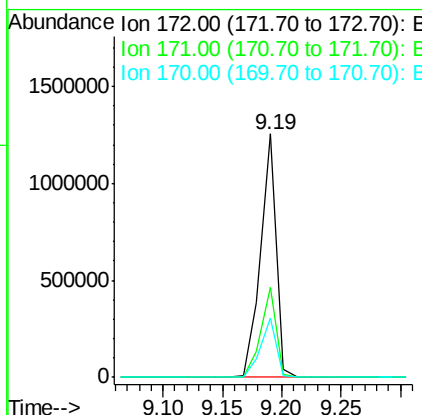
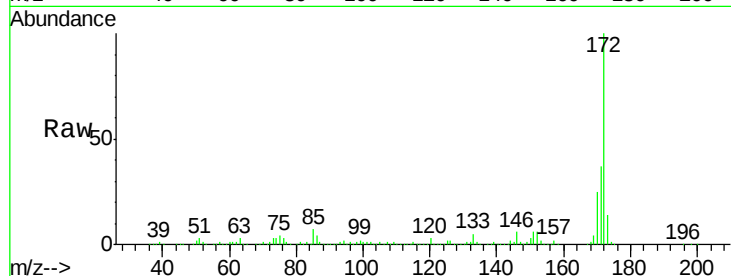
#44
2-Fluorobiphenyl
Concen: 93.26 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:172 Resp: 1164738
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.2
170 24.6 19.8 29.6

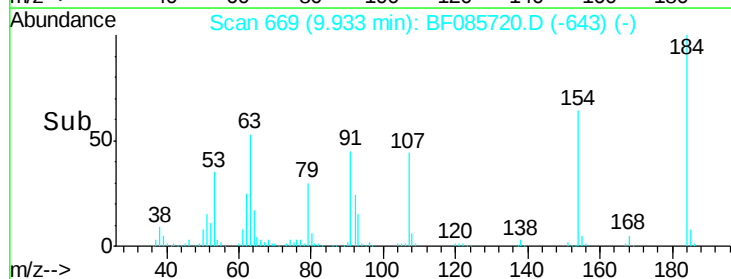
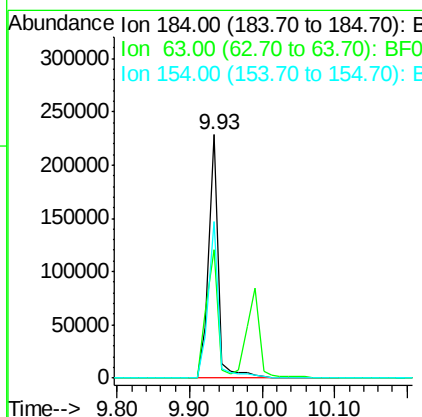
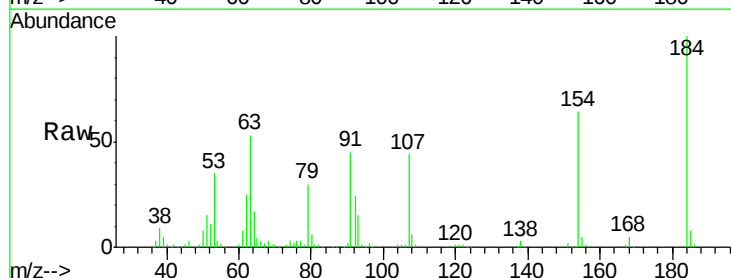
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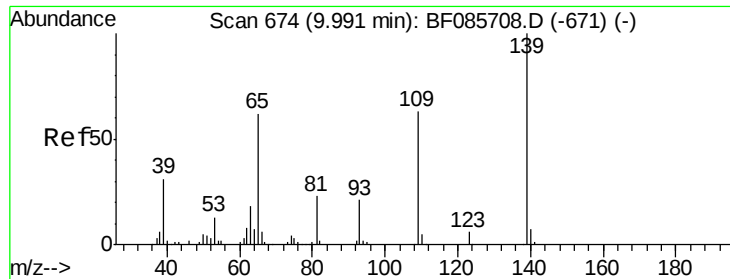
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#53
2,4-Dinitrophenol
Concen: 122.40 ng
RT: 9.93 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Tgt Ion:184 Resp: 216697
Ion Ratio Lower Upper
184 100
63 52.7 69.5 104.3#
154 64.2 58.3 87.5





#55

4-Nitrophenol

Concen: 144.56 ng

RT: 9.99 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

Instrument :

BNA_F

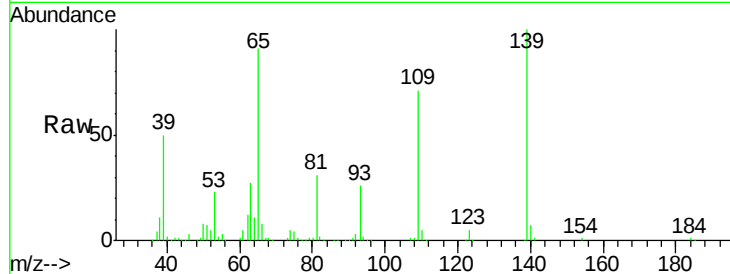
ClientSampleId :

PT-ACIDS-WP

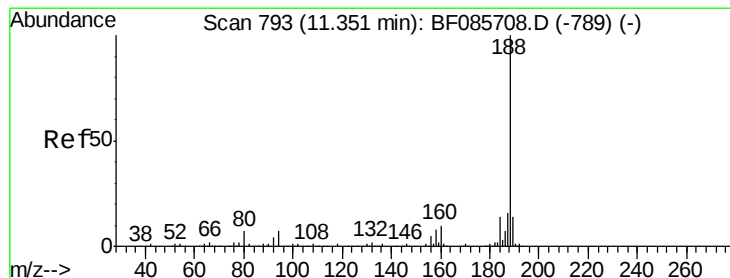
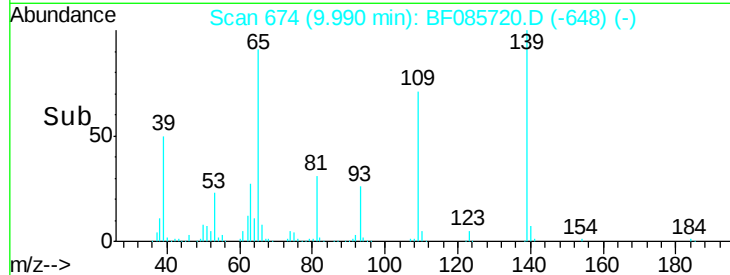
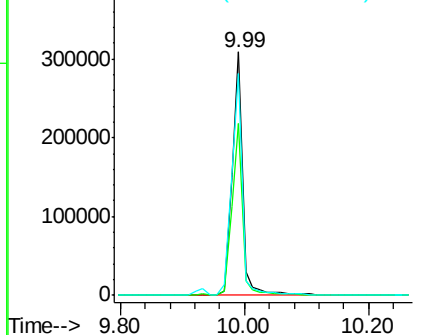
Tgt Ion:	139	Resp:	367346
Ion Ratio	Lower	Upper	
139	100		
109	70.8	49.2	89.2
65	90.9	66.9	106.9

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



#63

Phenanthrene-d10

Concen: 20.00 ng

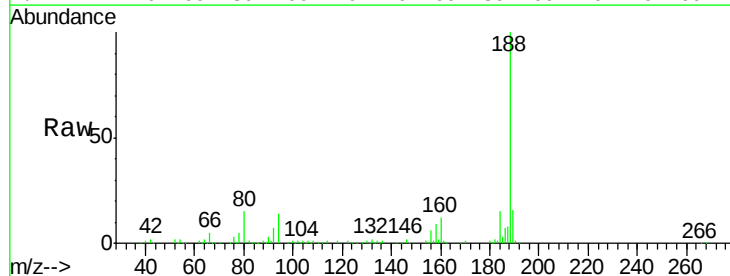
RT: 11.34 min Scan# 792

Delta R.T. -0.01 min

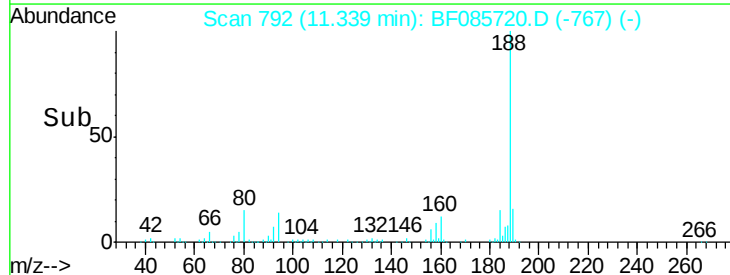
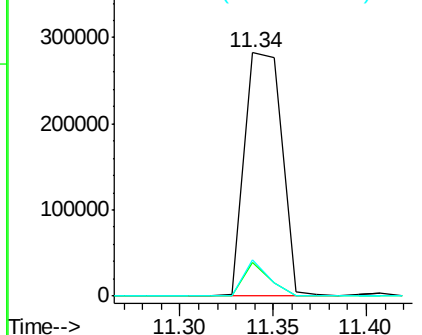
Lab File: BF085720.D

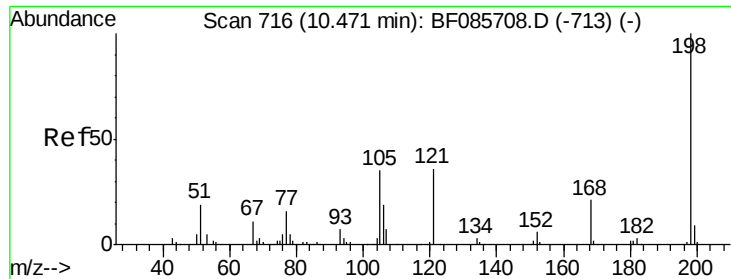
Acq: 24 Mar 2016 18:16

Tgt Ion:	188	Resp:	390024
Ion Ratio	Lower	Upper	
188	100		
94	13.8	5.4	8.0#
80	15.1	5.5	8.3#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





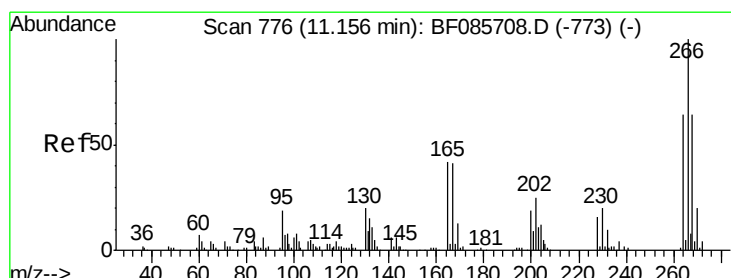
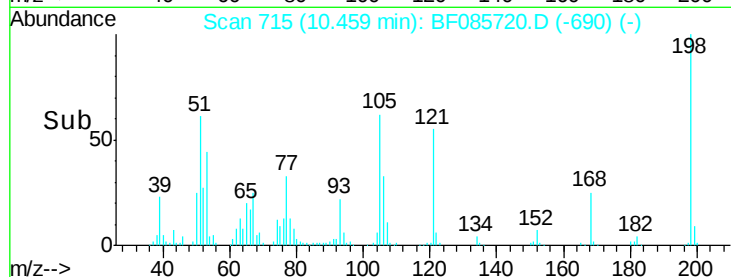
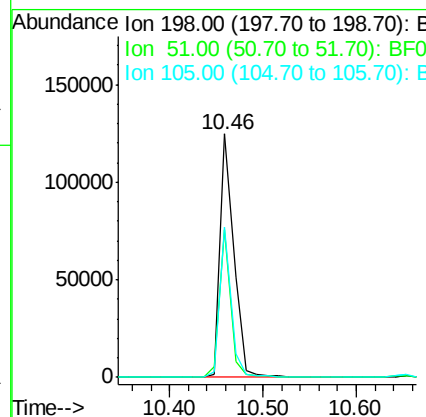
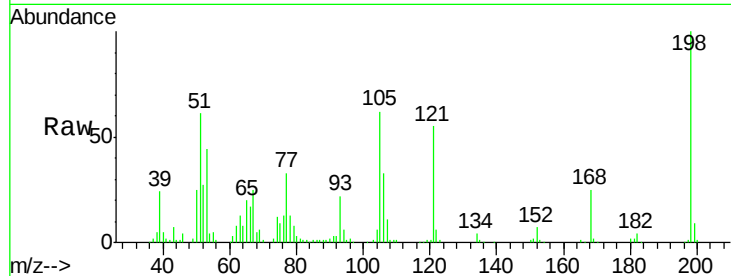
#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.93 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF085720.D
 Acq: 24 Mar 2016 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WP

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	127757		
51	60.8	45.4	85.4	
105	61.7	45.9	85.9	

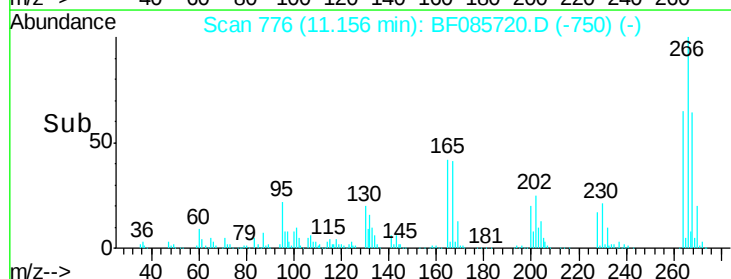
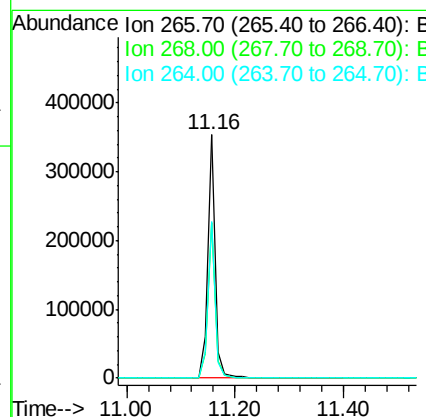
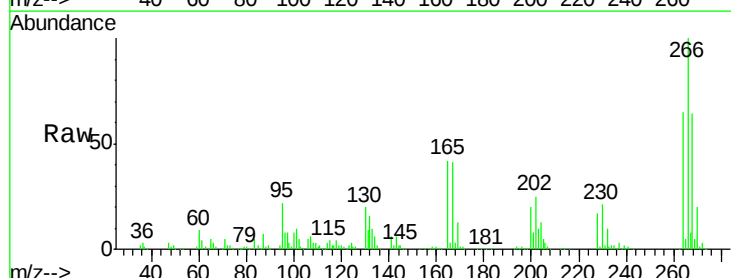
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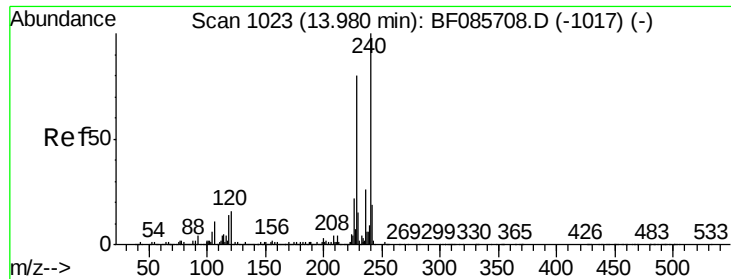
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#69
 Pentachlorophenol
 Concen: 159.03 ng
 RT: 11.16 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF085720.D
 Acq: 24 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	325807		
268	63.6	51.5	77.3	
264	64.6	50.6	76.0	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

Instrument :

BNA_F

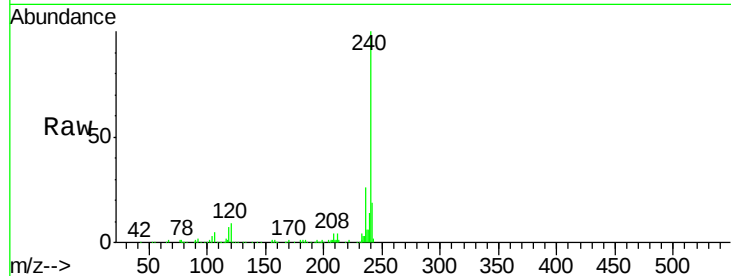
ClientSampleId :

PT-ACIDS-WP

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	292195		
120	8.5	13.8	20.8#	
236	26.3	20.6	30.8	

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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

13.98

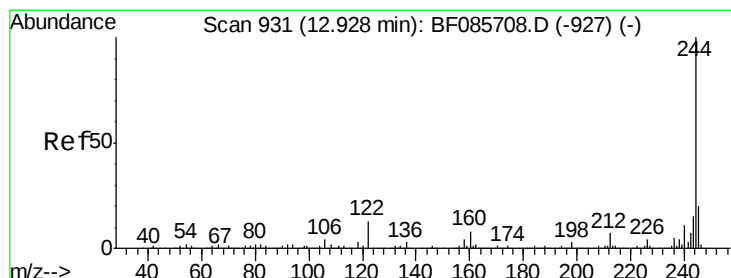
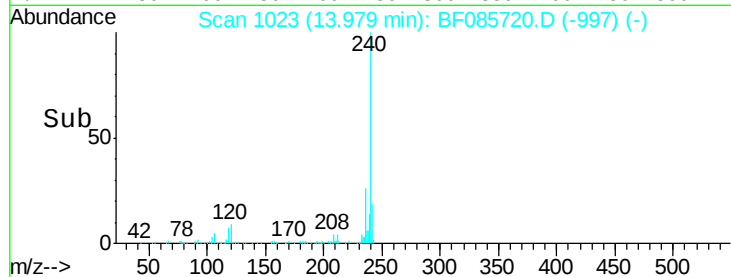
300000

200000

100000

0

Time-->



#78

Terphenyl-d14

Concen: 81.86 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085720.D

Acq: 24 Mar 2016 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1162988		
212	7.6	6.1	9.1	
122	12.6	10.2	15.4	

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.93

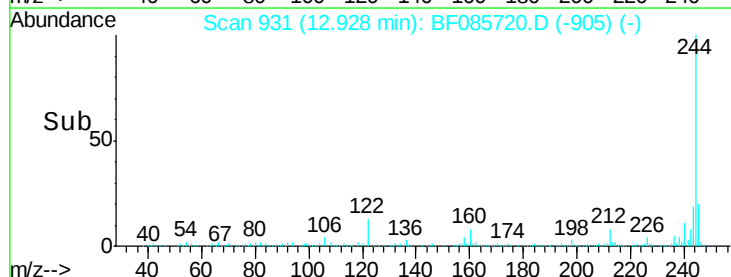
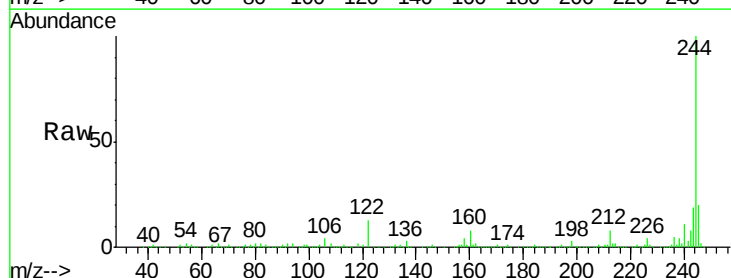
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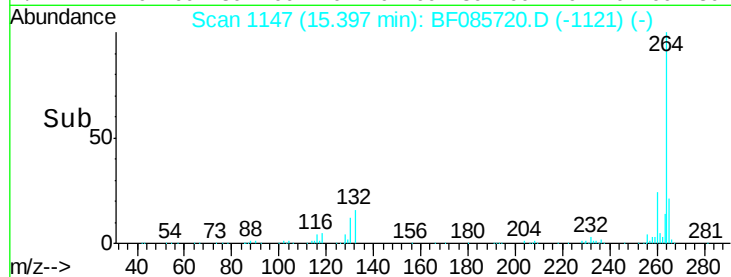
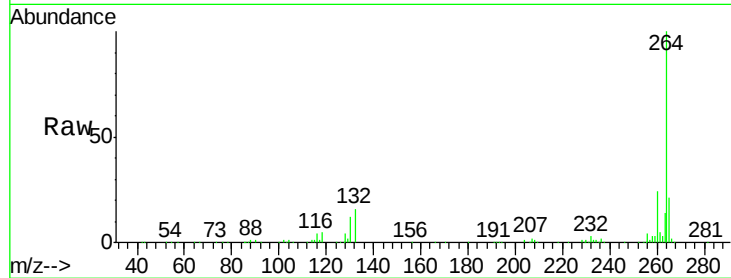
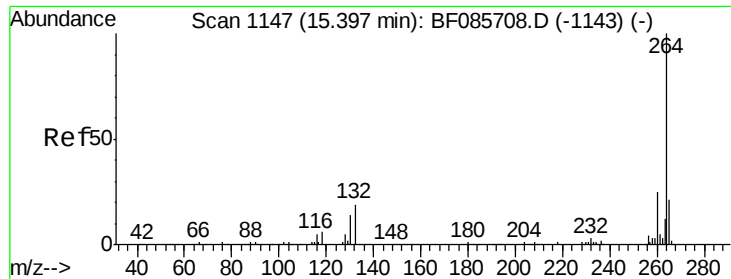
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500000

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Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085720.D
Acq: 24 Mar 2016 18:16

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WP

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	19.4	29.2
265	21.2	17.2	25.8

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