

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
 Data File : BF082049.D
 Acq On : 5 Oct 2015 16:54
 Operator : UM/IZ
 Sample : G3692-06DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Manual Integrations
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 10/6/2015 2:55:23 PM

Quant Time: Oct 05 17:30:31 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	90906m	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	391160	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	178475	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	355390	20.00	ng	0.00
75) Chrysene-d12	14.06	240	338011	20.00	ng	0.00
86) Perylene-d12	15.50	264	297673	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	143999	28.76	ng	-0.01
7) Phenol-d6	6.50	99	201728m	32.01	ng	-0.01
23) Nitrobenzene-d5	7.45	82	123189	20.99	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	59079	32.69	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	292314	23.46	ng	0.00
78) Terphenyl-d14	13.00	244	299472	22.73	ng	-0.01
Target Compounds						Qvalue
8) 2-Chlorophenol	6.66	128	97000	17.54	ng	100
10) Phenol	6.51	94	204367	28.91	ng	71
17) 2-Methylphenol	7.13	107	87730m	19.57	ng	
20) 3+4-Methylphenols	7.28	107	200036	35.32	ng	85
26) 2-Nitrophenol	7.78	139	58536	19.14	ng	# 51
27) 2,4-Dimethylphenol	7.82	122	102711	19.09	ng	# 78
29) 2,4-Dichlorophenol	8.02	162	163265	31.29	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	167854	32.90	ng	# 74
42) 2,4,6-Trichlorophenol	9.15	196	26532	7.06	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	32573	8.43	ng	97
53) 2,4-Dinitrophenol	9.99	184	25927	33.13	ng	# 67
55) 4-Nitrophenol	10.05	139	59167	26.46	ng	# 66
64) 4,6-Dinitro-2-methylphenol	10.51	198	17042	13.34	ng	89
69) Pentachlorophenol	11.21	266	62261	27.02	ng	97

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

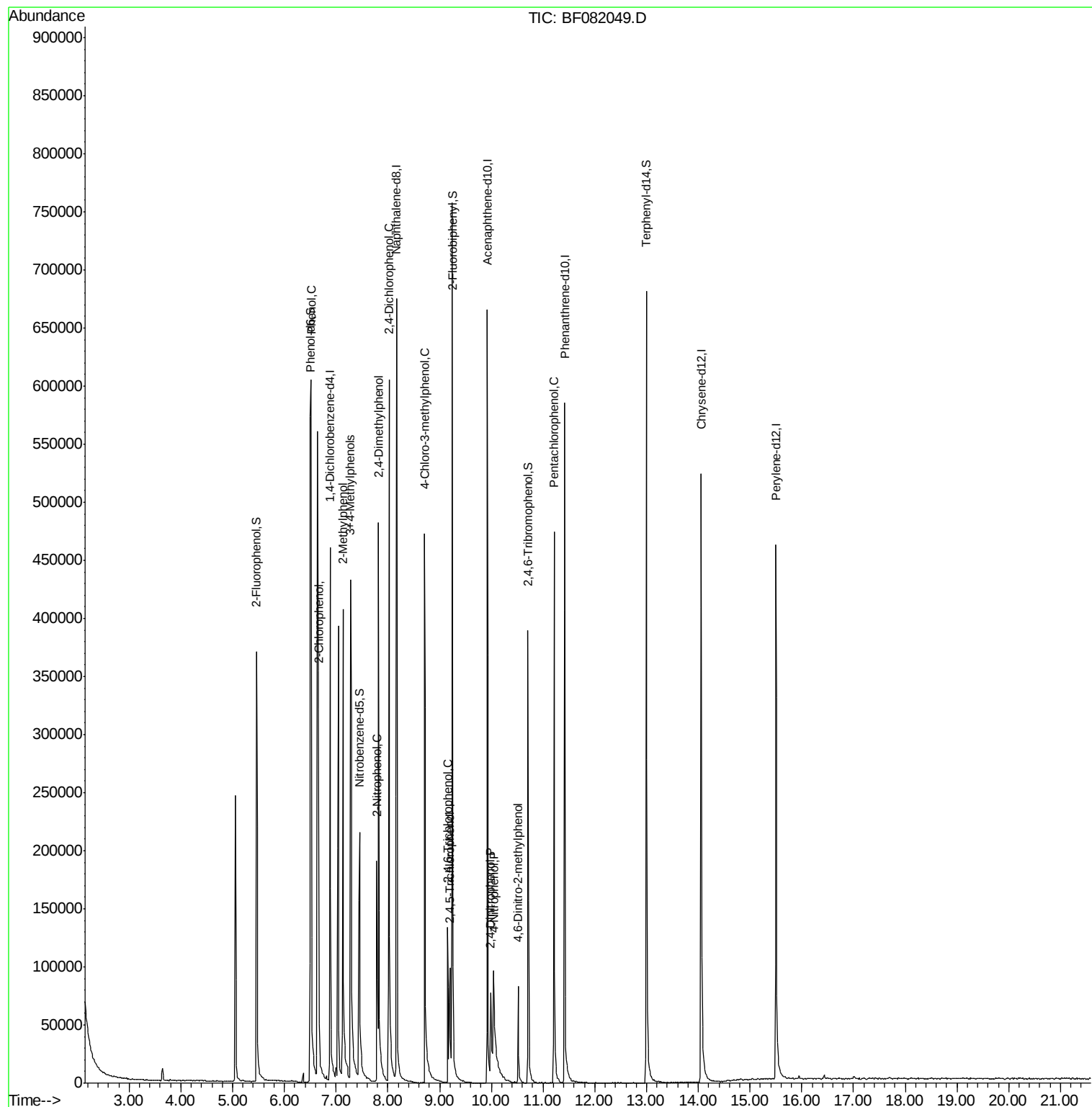
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100515\
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ALS Vial : 9 Sample Multiplier: 1

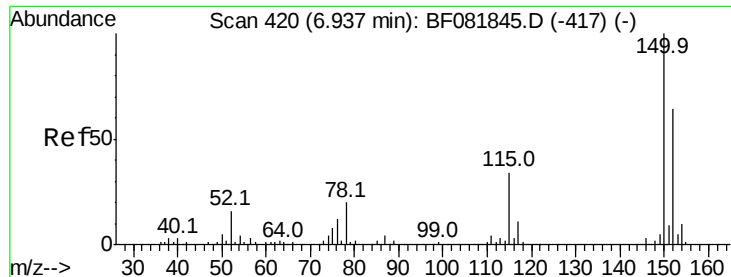
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#1

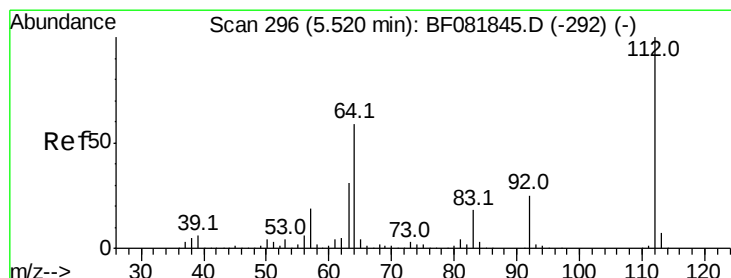
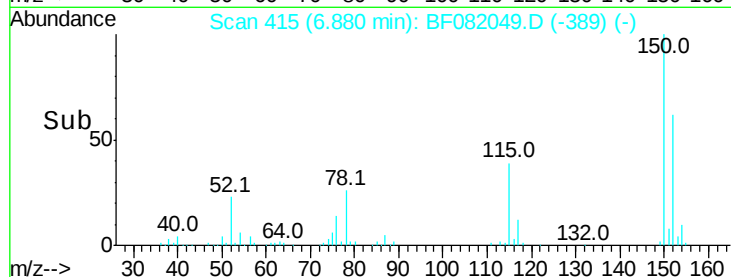
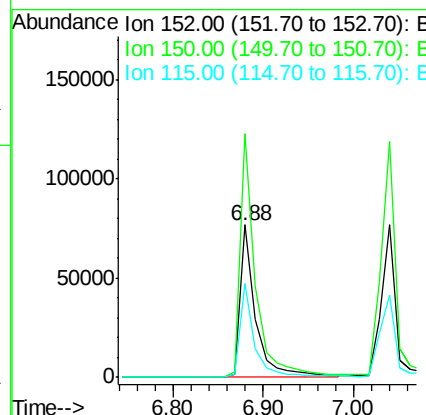
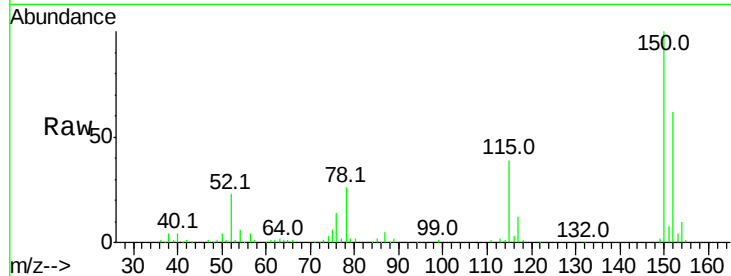
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.88 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF082049.D
Acq: 5 Oct 2015 16:54

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.7	187.1
115	61.6	39.0	58.4

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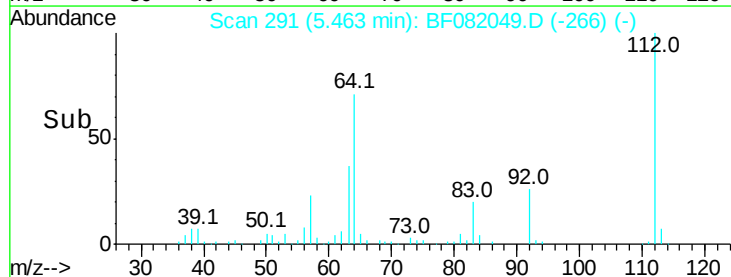
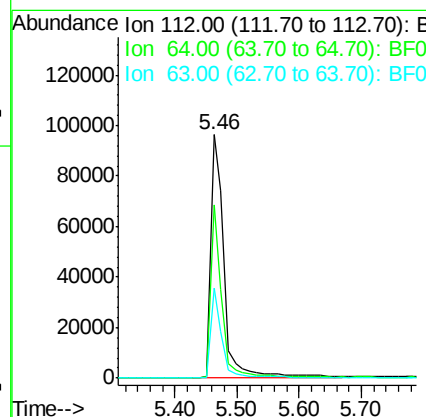
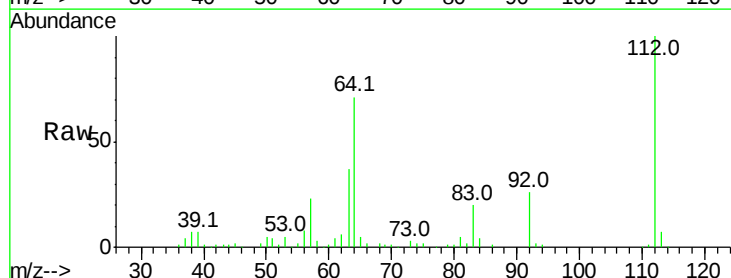
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#5

2-Fluorophenol
Concen: 28.76 ng
RT: 5.46 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF082049.D
Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.3	39.7	59.5
63	36.8	17.4	26.0





#7

Phenol-d6

Concen: 32.01 ng/mL

RT: 6.50 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF082049.D

Acq: 5 Oct 2015 16:54

Instrument :

BNA_F

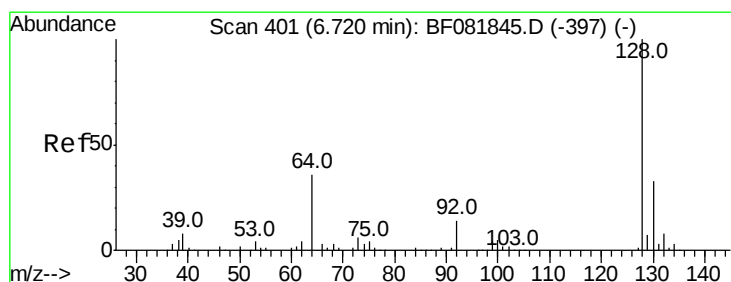
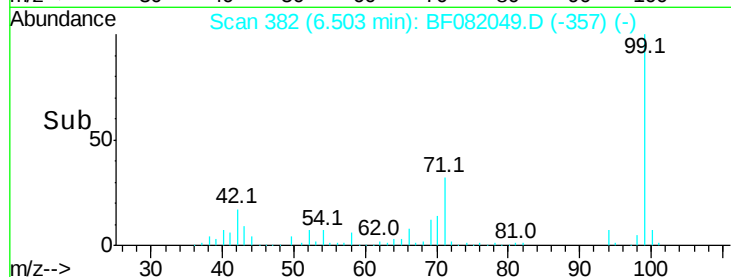
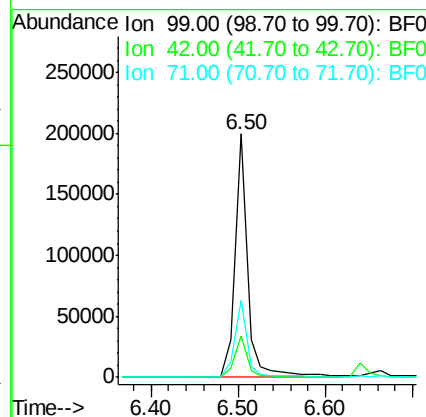
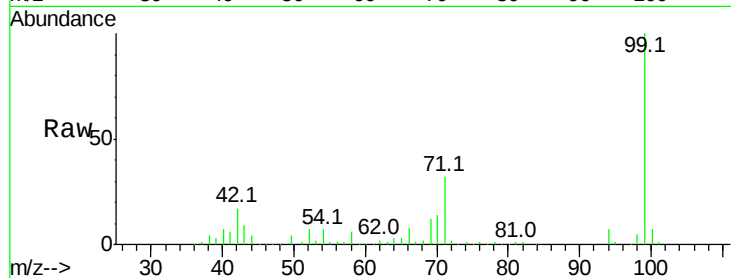
ClientSampleID :

PT-ACIDS-WPDL

Tot Ion:	99	Resp:	201728
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.7	20.5
71	31.5	14.2	21.2

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#8

2-Chlorophenol

Concen: 17.54 ng/mL

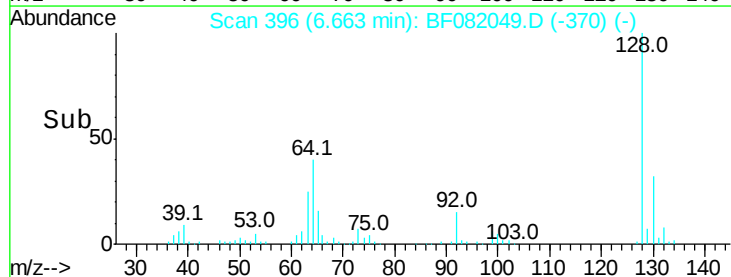
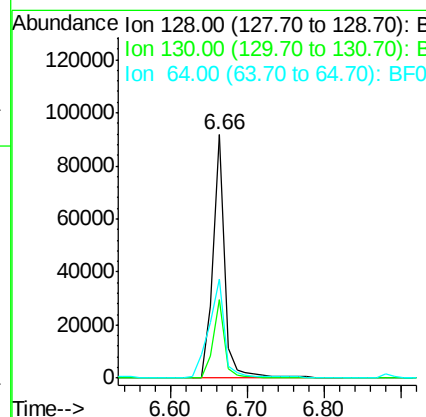
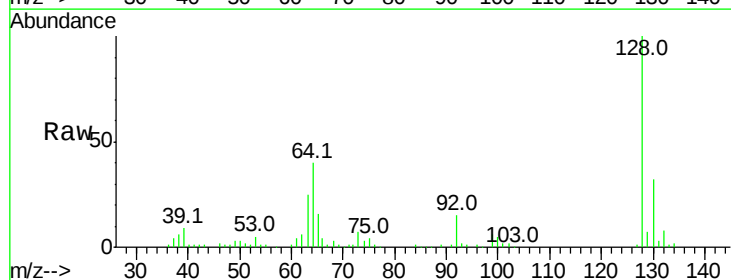
RT: 6.66 min Scan# 396

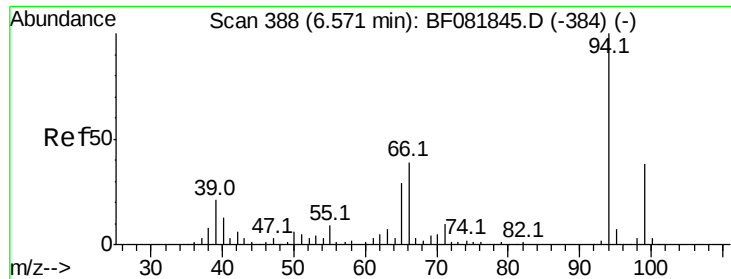
Delta R.T. 0.00 min

Lab File: BF082049.D

Acq: 5 Oct 2015 16:54

Tgt Ion:	128	Resp:	97000
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.2	52.2
64	40.4	20.5	60.5





#10

Phenol

Concen: 28.91 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082049.D

Acq: 5 Oct 2015 16:54

Instrument :

BNA_F

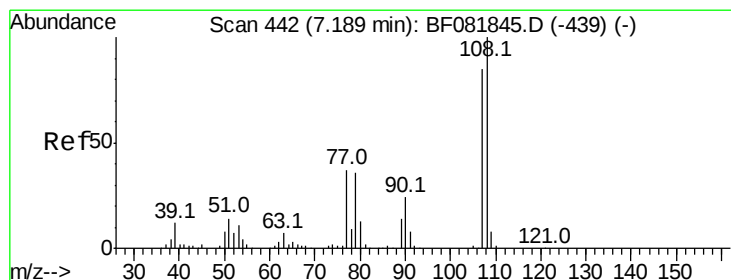
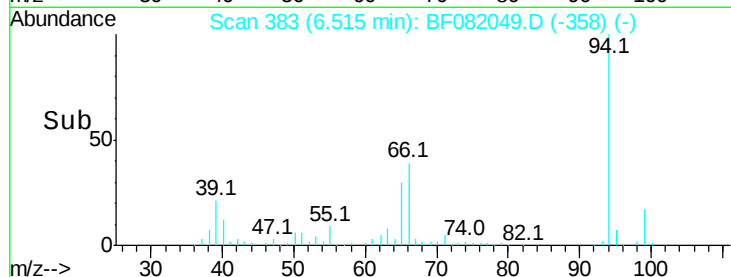
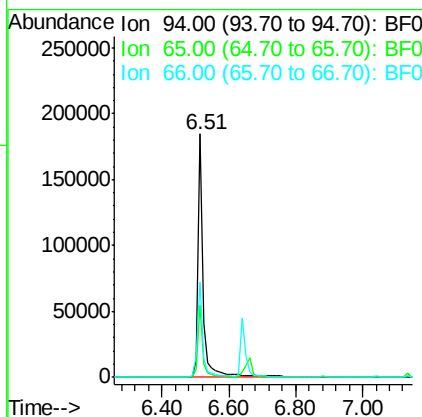
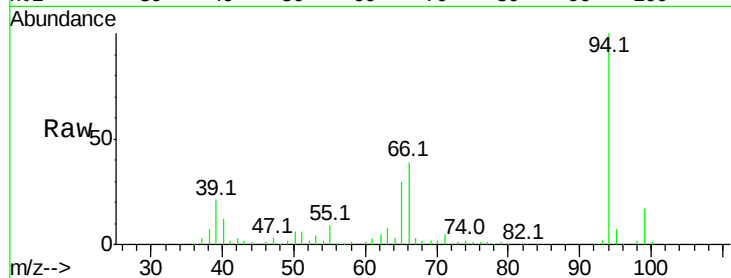
ClientSampleId :

PT-ACIDS-WPDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		204367		
65	29.6	0.7	40.7		
66	39.1	0.8	40.8		

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#17

2-Methylphenol

Concen: 19.57 ng m

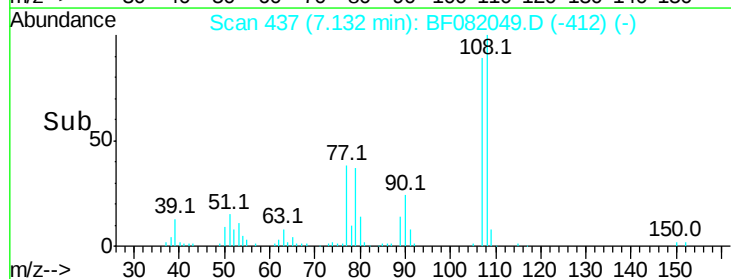
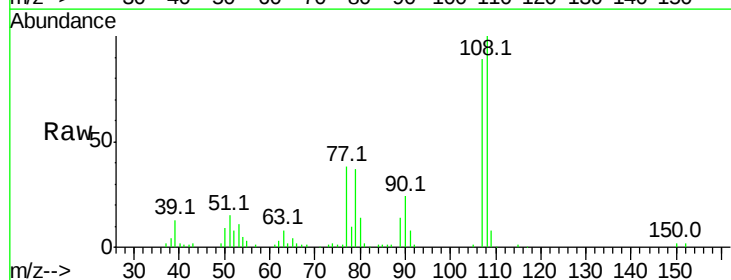
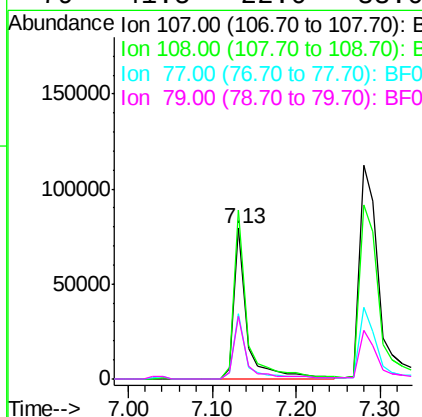
RT: 7.13 min Scan# 437

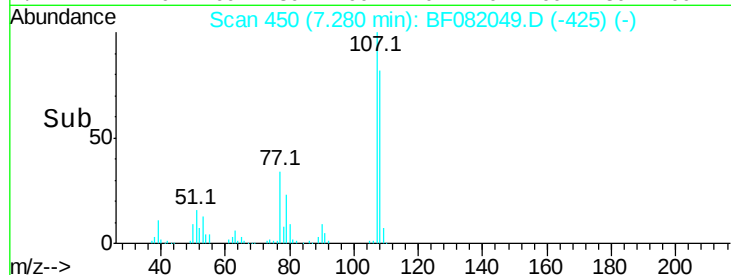
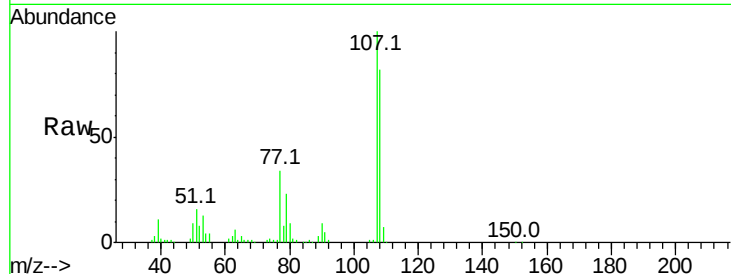
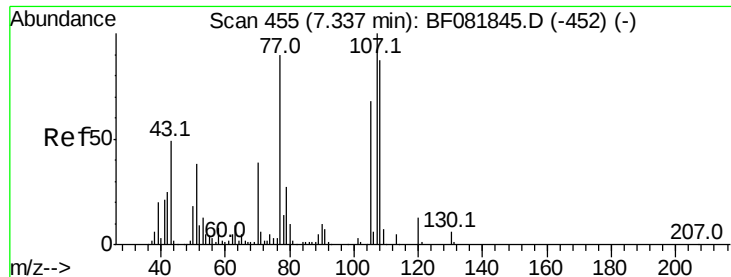
Delta R.T. -0.01 min

Lab File: BF082049.D

Acq: 5 Oct 2015 16:54

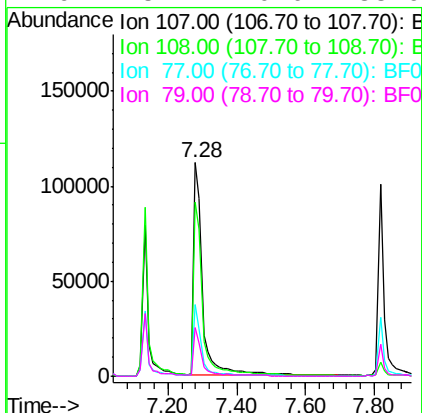
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		87730		
108	112.6	96.6	145.0		
77	42.9	23.3	34.9#		
79	41.5	22.0	33.0#		





#20
3+4-Methylphenols
Concen: 35.32 ng
RT: 7.28 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF082049.D
Acq: 5 Oct 2015 16:54

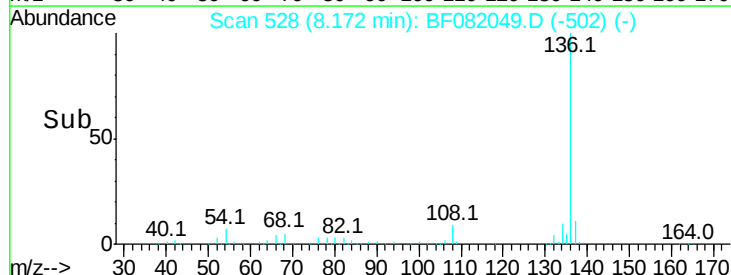
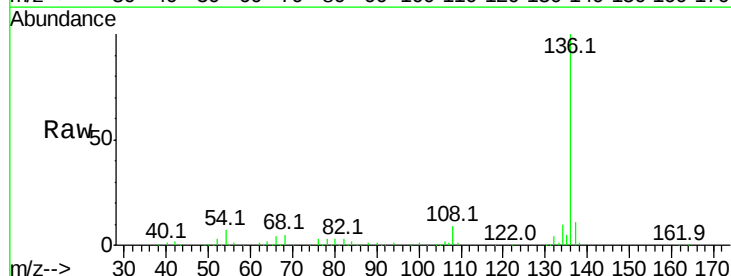
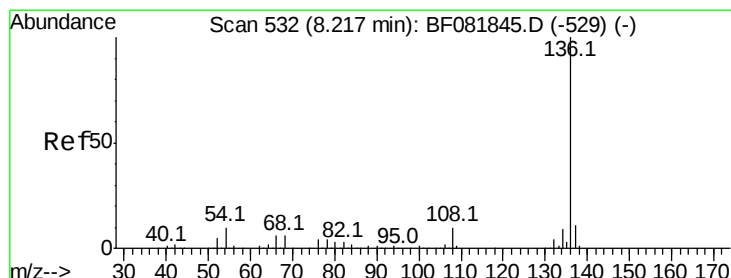
Tot Ion	107	Resp	200036
Ion Ratio	Lower	Upper	
107	100		
108	81.5	74.6	114.6
77	33.5	0.7	40.7
79	23.1	0.0	38.9



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PT-ACIDS-WPDL

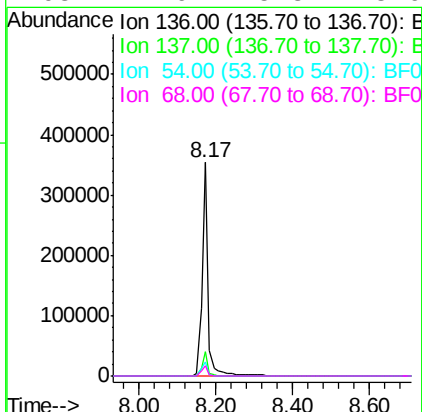
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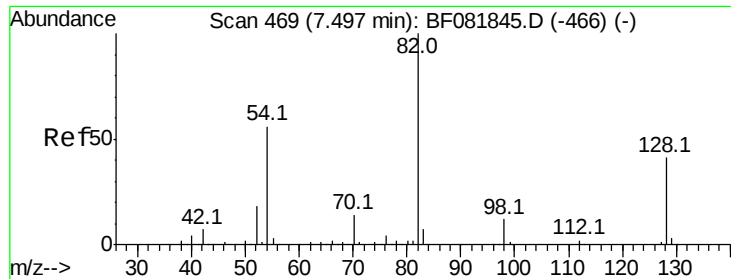
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082049.D
Acq: 5 Oct 2015 16:54

Tgt Ion	136	Resp	391160
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	6.8	8.2	12.2#
68	4.6	5.8	8.6#





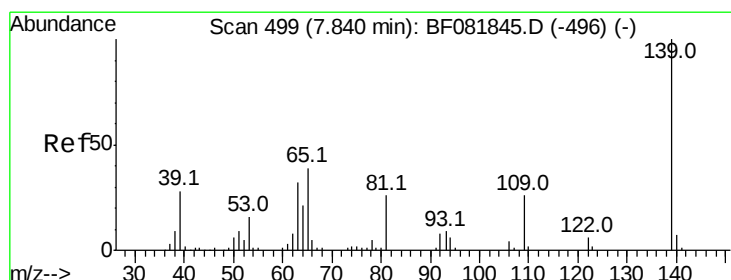
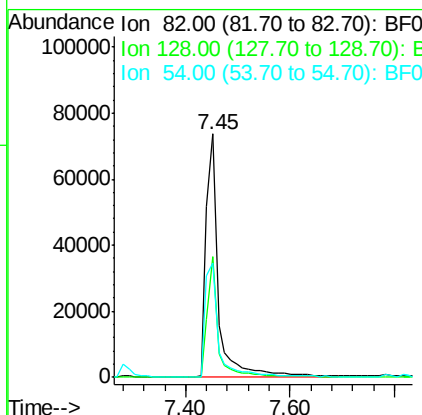
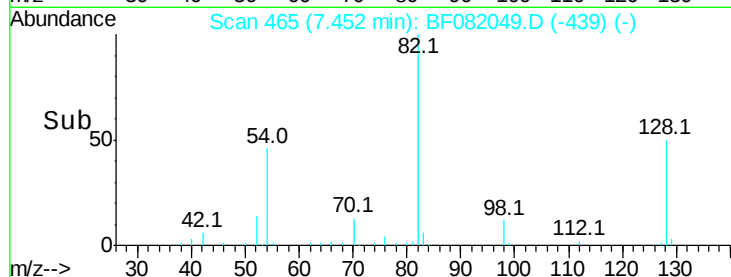
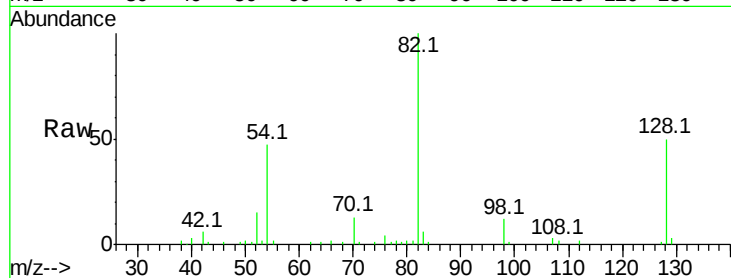
#23
 Nitrobenzene-d5
 Concen: 20.99 ng
 RT: 7.45 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.7	51.0	76.6#	
54	46.8	47.5	71.3#	

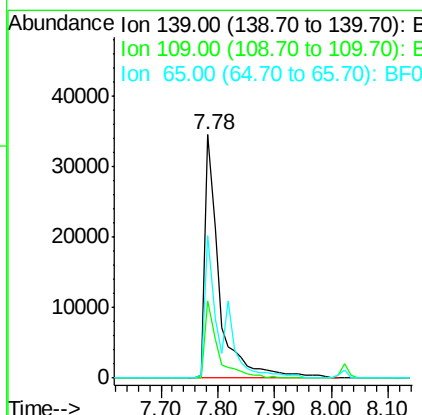
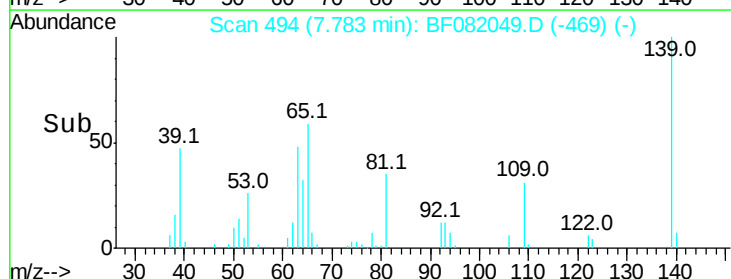
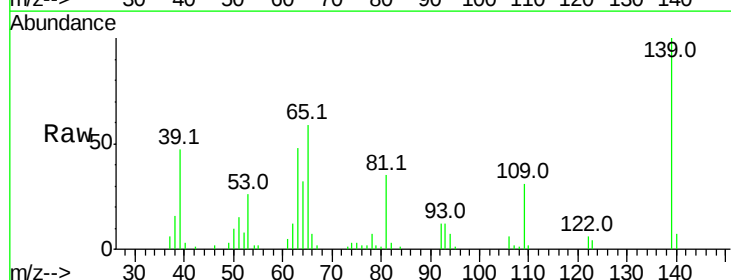
Manual Integrations
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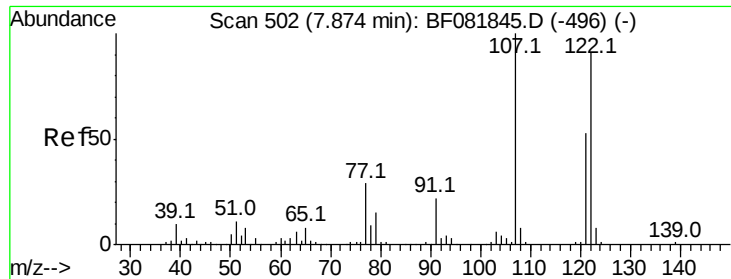
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#26
 2-Nitrophenol
 Concen: 19.14 ng
 RT: 7.78 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.5	11.0	16.4#	
65	58.8	24.7	37.1#	





#27

2,4-Dimethylphenol

Concen: 19.09 ng

RT: 7.82 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082049.D

Acq: 5 Oct 2015 16:54

Instrument :

BNA_F

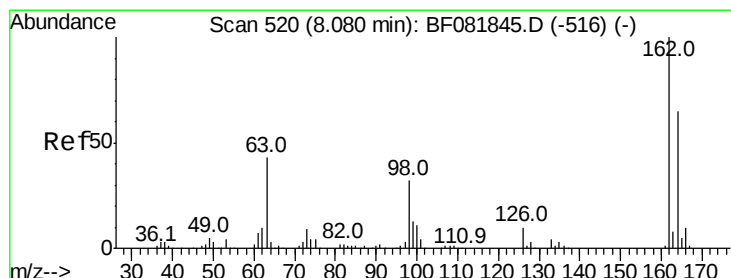
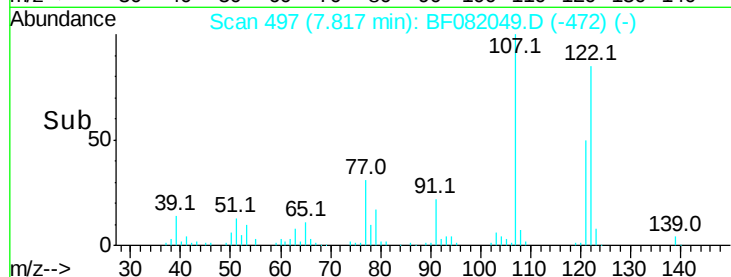
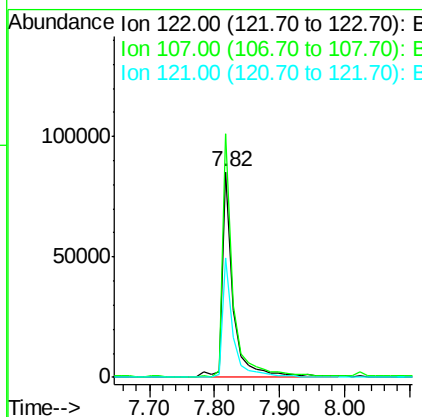
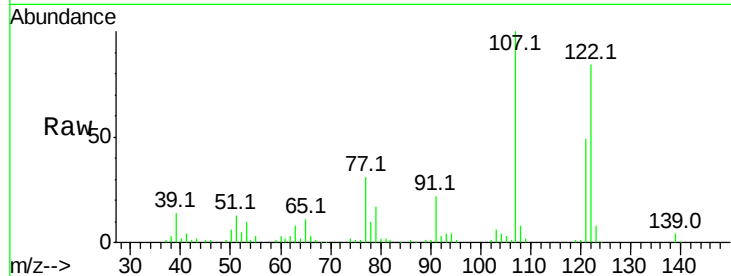
ClientSampleId :

PT-ACIDS-WPDL

Tot Ion:	122	Resp:	102711
Ion Ratio	Lower	Upper	
122	100		
107	118.5	71.8	107.6#
121	58.2	42.3	63.5

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#29

2,4-Dichlorophenol

Concen: 31.29 ng

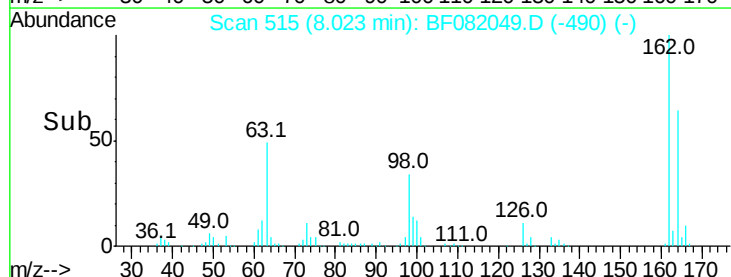
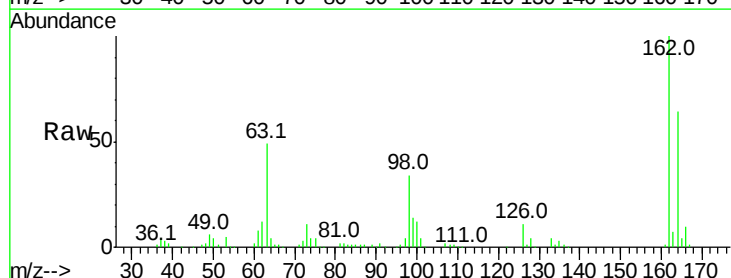
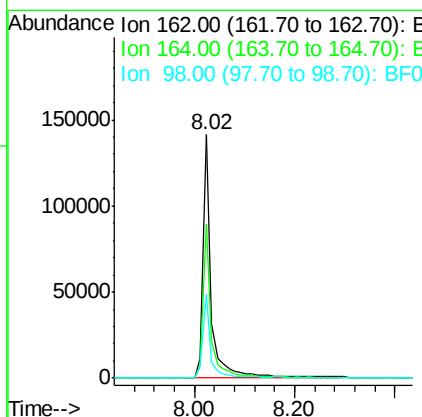
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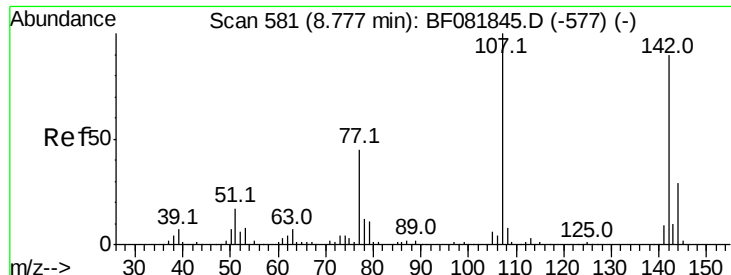
Delta R.T. -0.01 min

Lab File: BF082049.D

Acq: 5 Oct 2015 16:54

Tgt Ion:	162	Resp:	163265
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.9	84.9
98	34.4	13.0	53.0





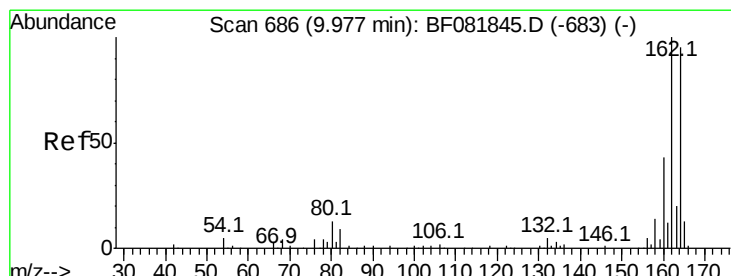
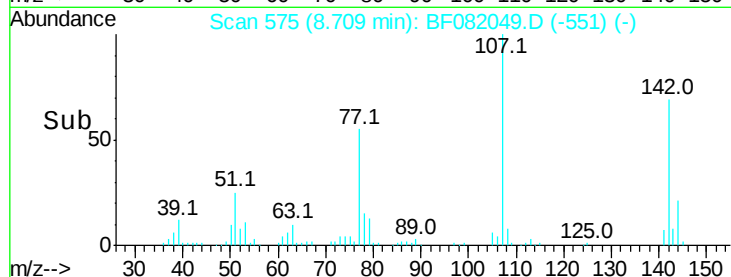
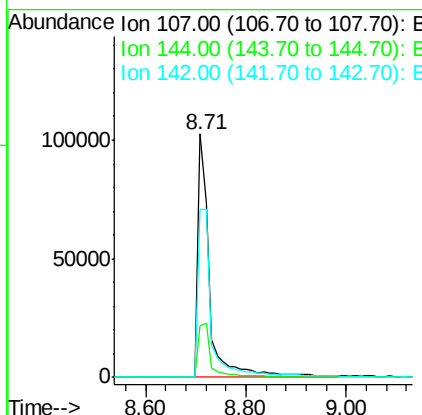
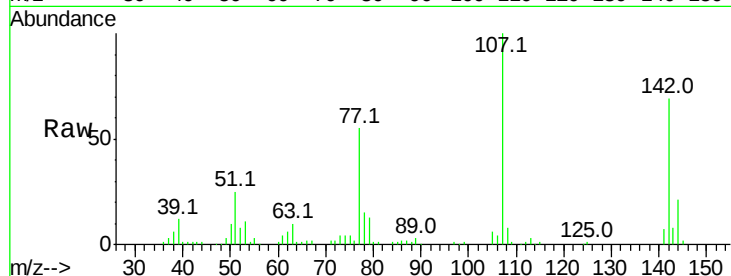
#36
 4-Chloro-3-methylphenol
 Concen: 32.90 ng
 RT: 8.71 min Scan# 575
 Delta R.T. -0.02 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
107	100	167854		
144	21.0	25.4	38.0#	
142	68.9	77.3	115.9#	

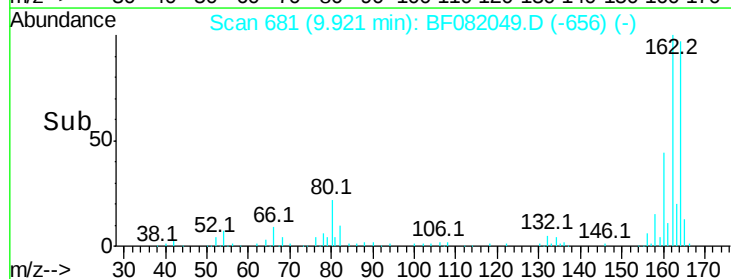
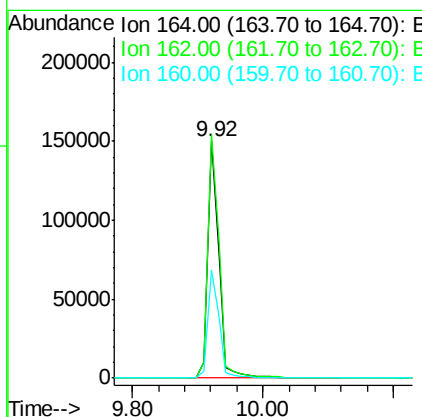
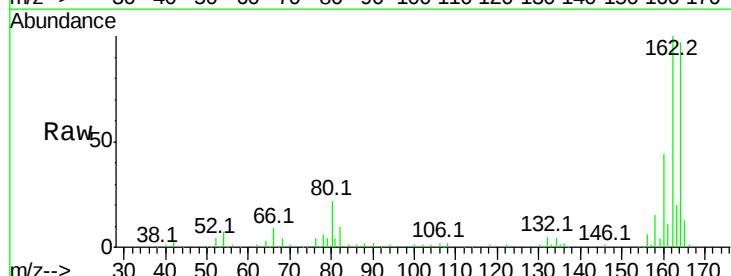
Manual Integrations
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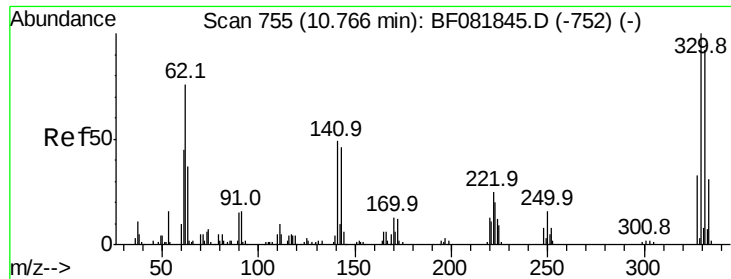
MMDadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178475		
162	102.8	75.2	112.8	
160	45.6	31.5	47.3	





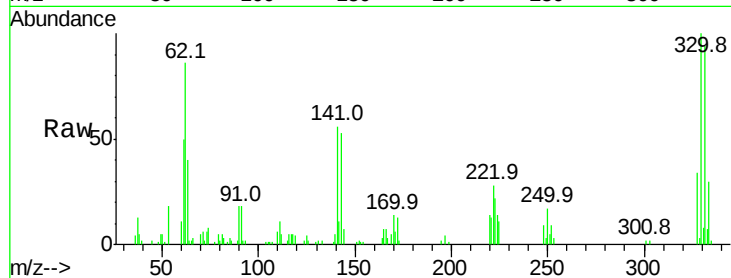
#41
 2,4,6-Tribromophenol
 Concen: 32.69 ng
 RT: 10.71 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

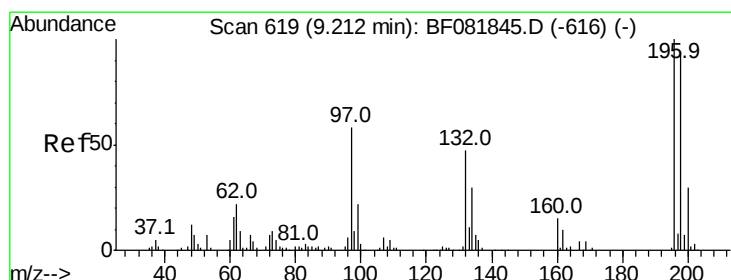
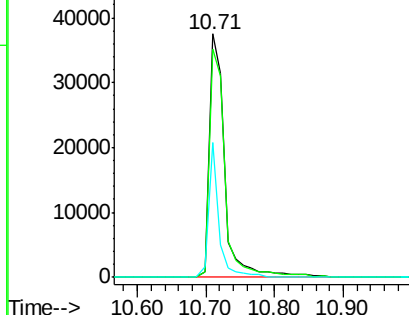
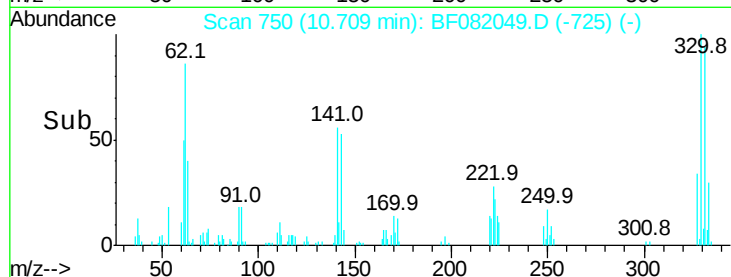
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	76.6	114.8	
141	36.1	29.7	44.5	

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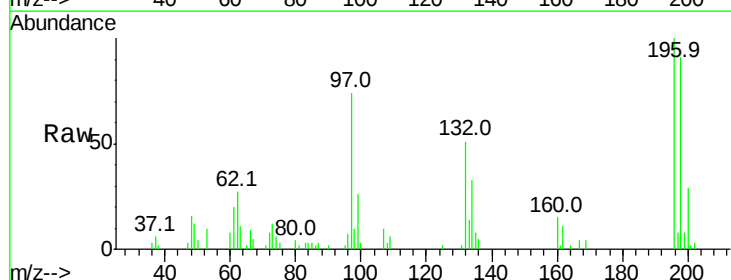


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

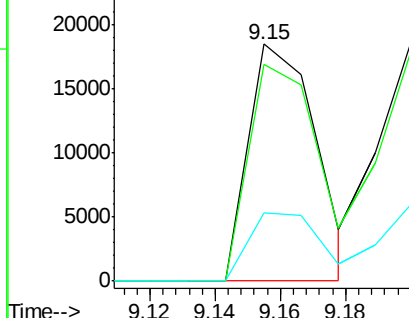
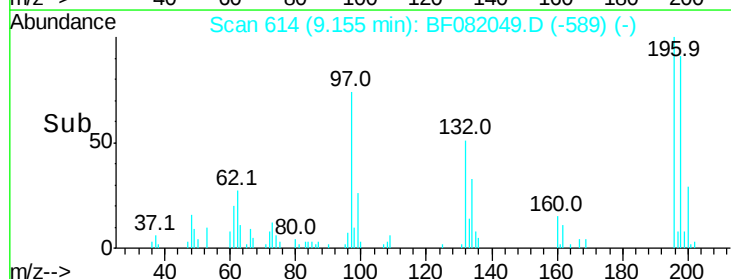


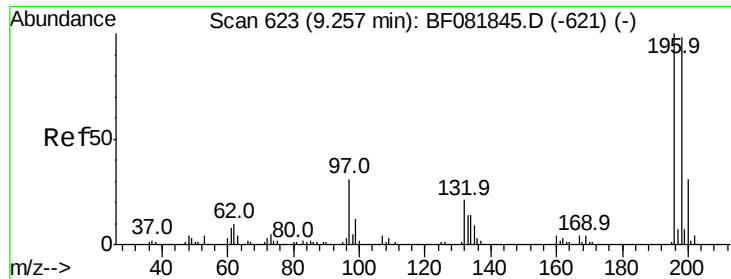
#42
 2,4,6-Trichlorophenol
 Concen: 7.06 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	91.5	75.7	113.5	
200	28.6	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





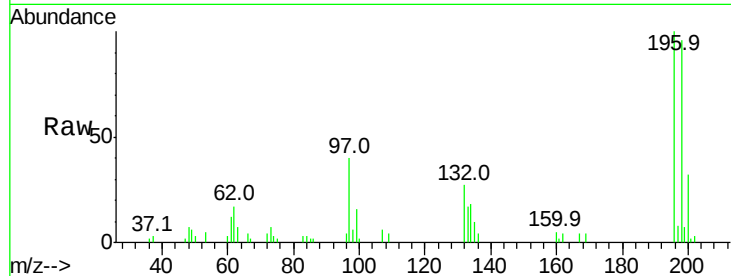
#43
 2,4,5-Trichlorophenol
 Concen: 8.43 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

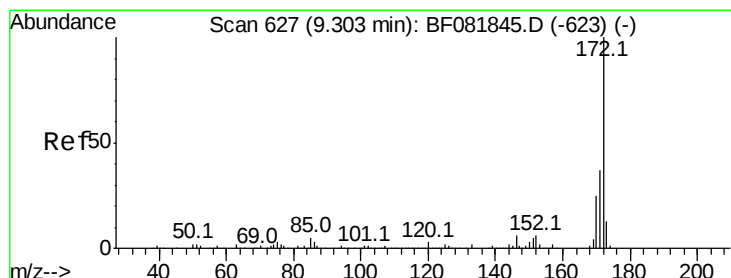
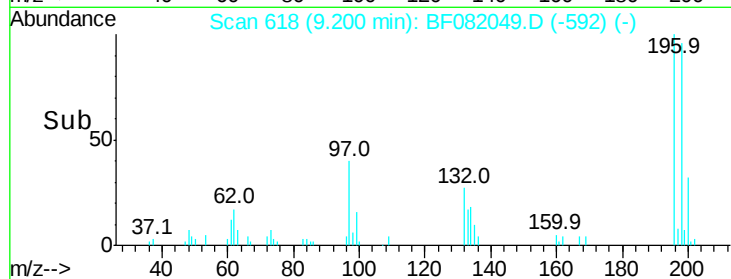
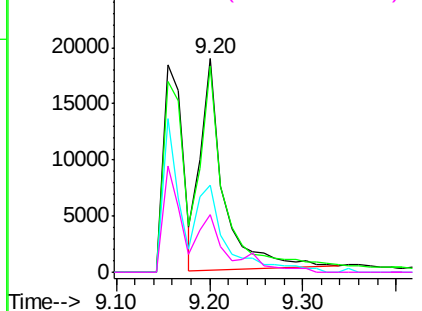
Tot Ion:	196	Resp:	32573
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.4	113.0
97	40.5	33.3	49.9
132	27.1	24.6	37.0

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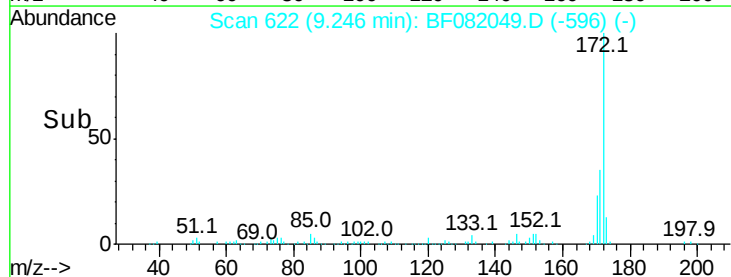
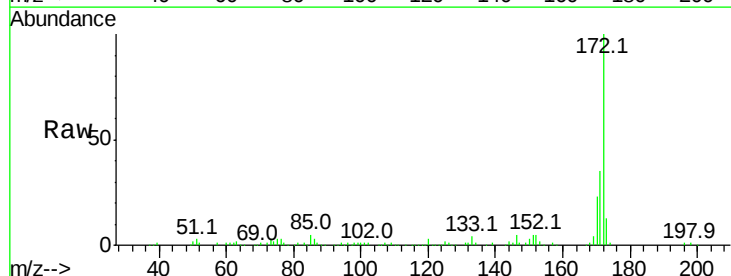
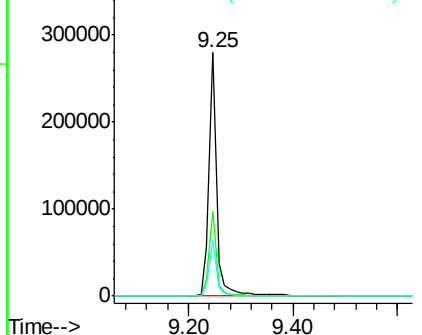
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

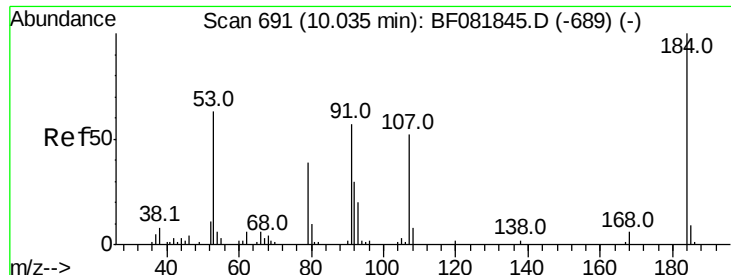


#44
 2-Fluorobiphenyl
 Concen: 23.46 ng
 RT: 9.25 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Tgt Ion:	172	Resp:	292314
Ion Ratio	Lower	Upper	
172	100		
171	34.8	26.1	39.1
170	23.0	17.4	26.2

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





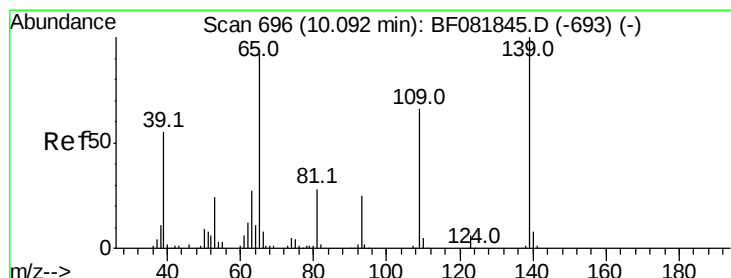
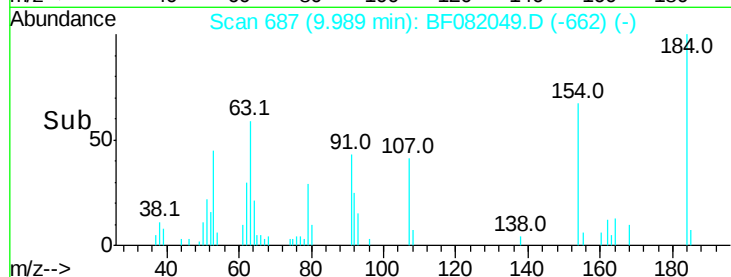
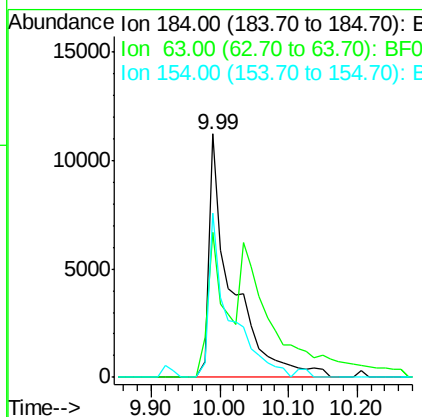
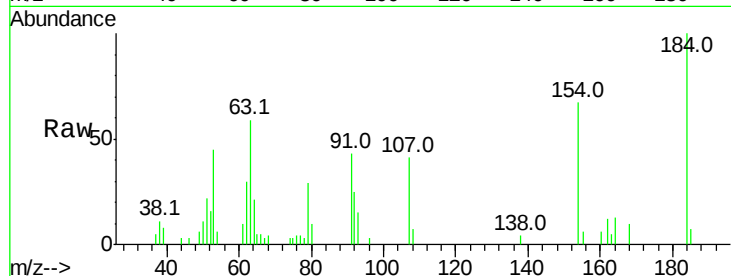
#53
 2,4-Dinitrophenol
 Concen: 33.13 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.4	35.4	53.2#	
154	67.3	32.2	48.4#	

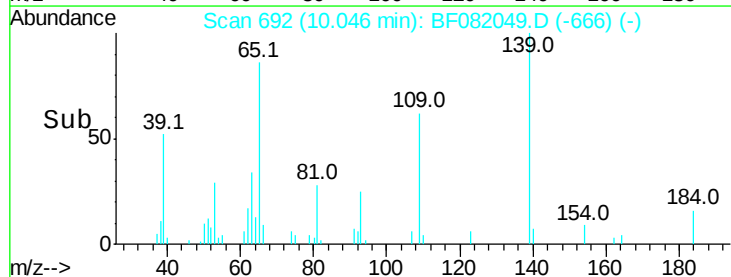
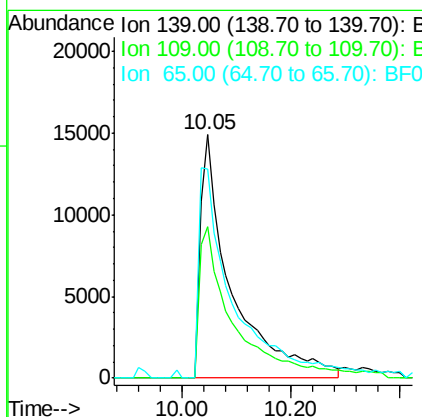
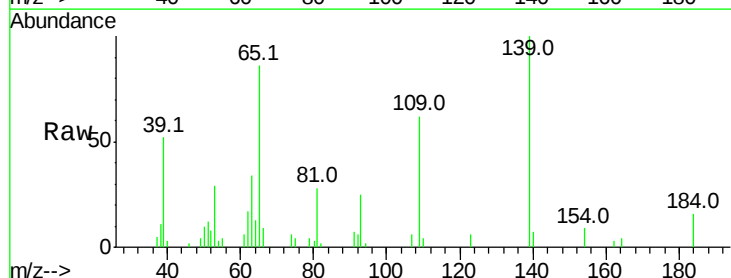
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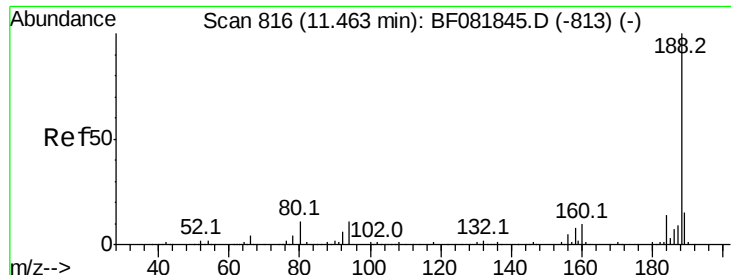
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#55
 4-Nitrophenol
 Concen: 26.46 ng
 RT: 10.05 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.1	12.7	52.7#	
65	86.0	45.9	85.9#	





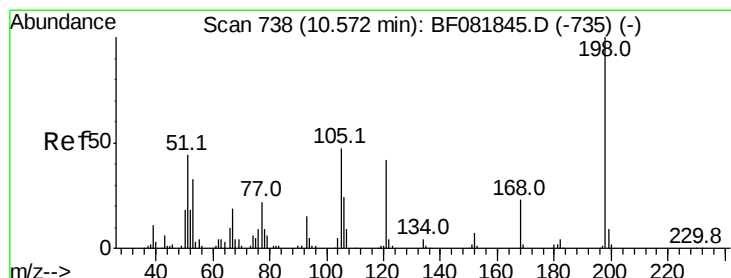
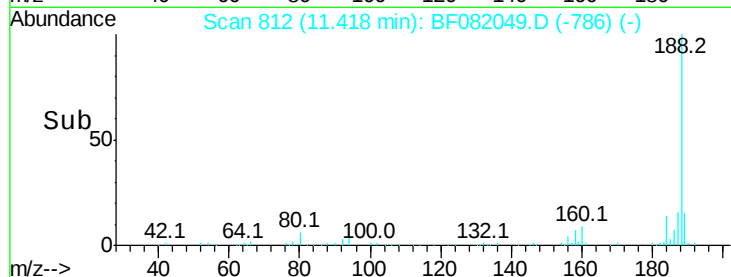
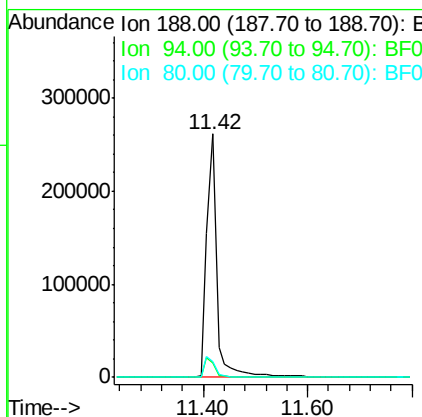
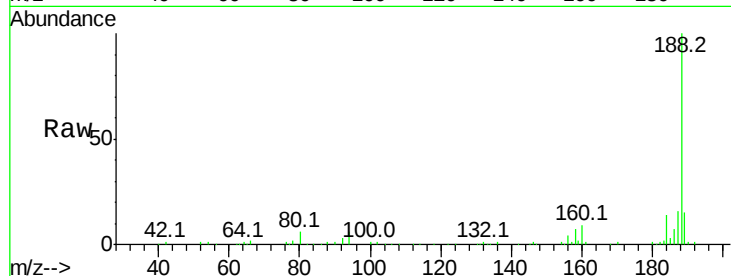
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF082049.D
Acq: 5 Oct 2015 16:54

Instrument :
BNA_F
ClientSampleId :
PT-ACIDS-WPDL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.0	11.1	16.7#
80	6.2	11.0	16.4#

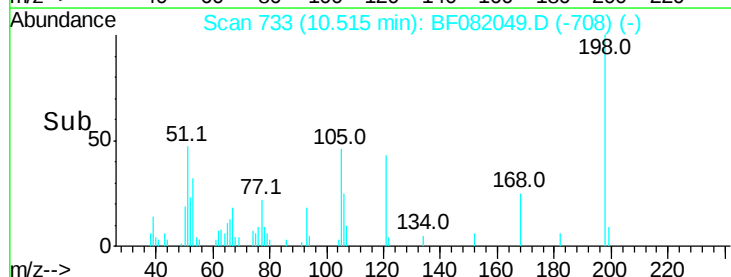
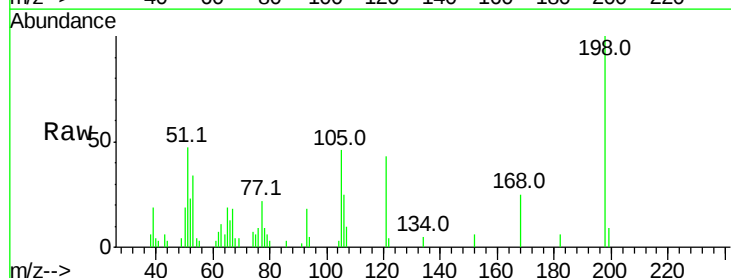
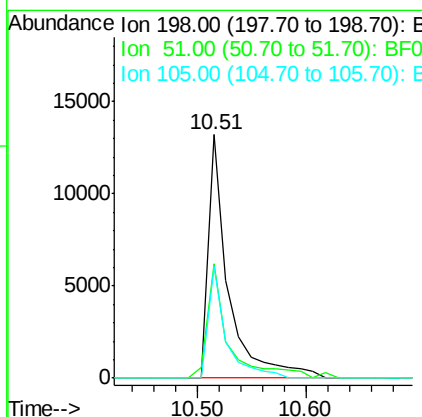
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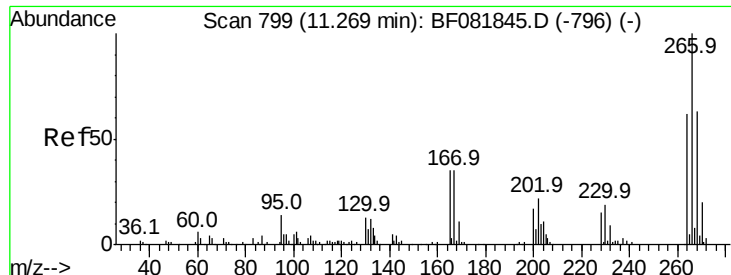
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#64
4,6-Dinitro-2-methylphenol
Concen: 13.34 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF082049.D
Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	46.9	39.6	79.6
105	45.7	28.5	68.5





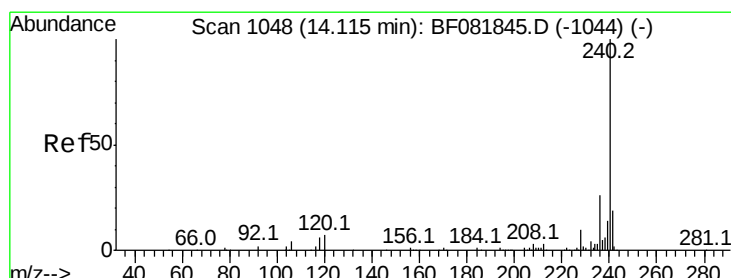
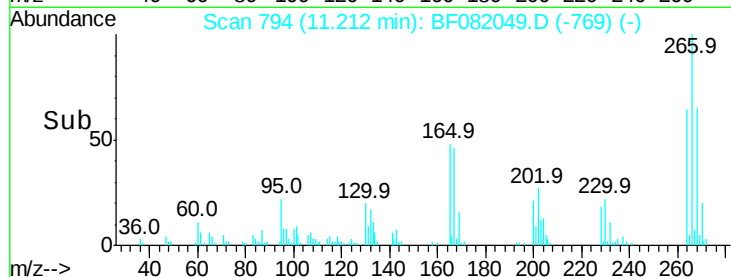
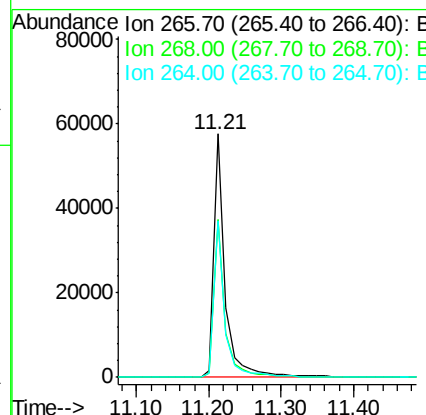
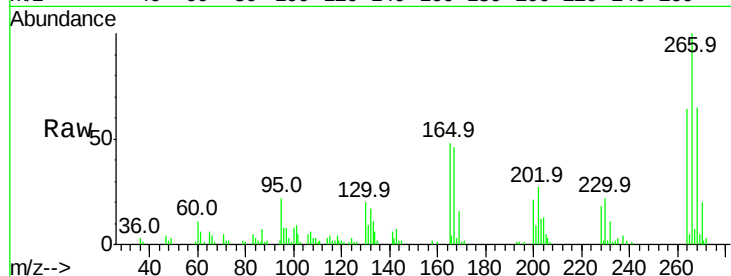
#69
 Pentachlorophenol
 Concen: 27.02 ng
 RT: 11.21 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Resp	Lower	Upper
266	100	62261		
268	65.0		49.8	74.6
264	64.2		50.2	75.2

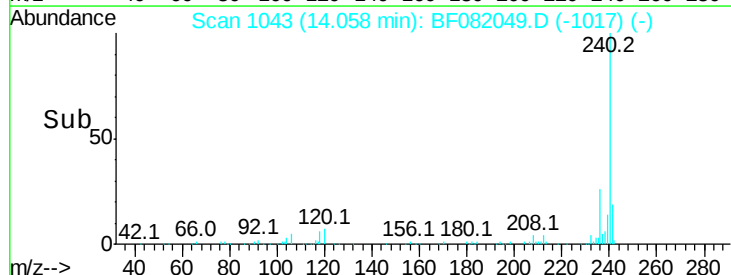
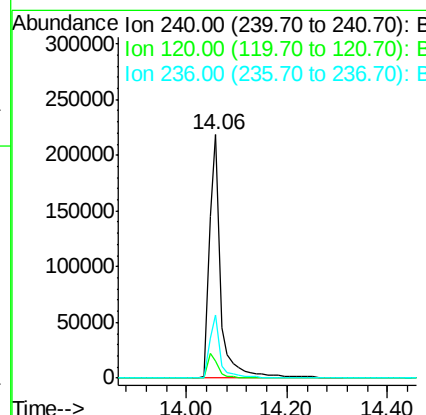
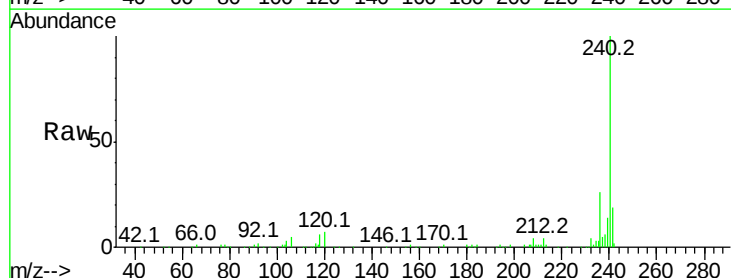
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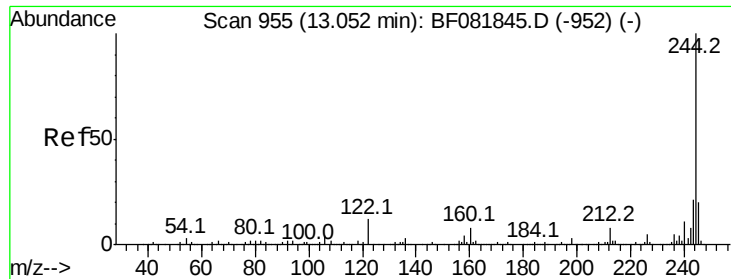
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	338011		
120	7.0		16.2	24.2#
236	25.9		18.4	27.6





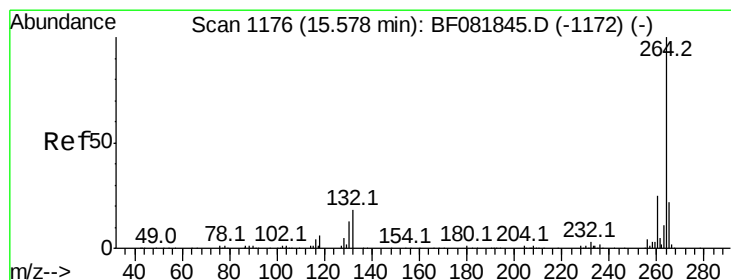
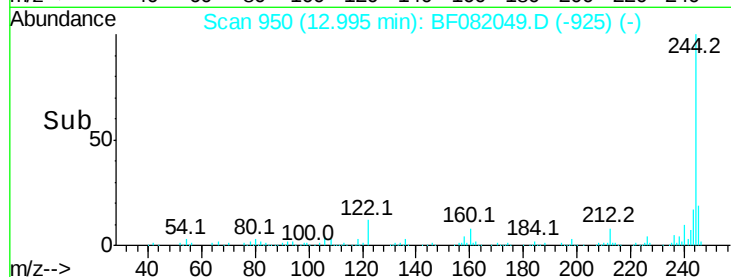
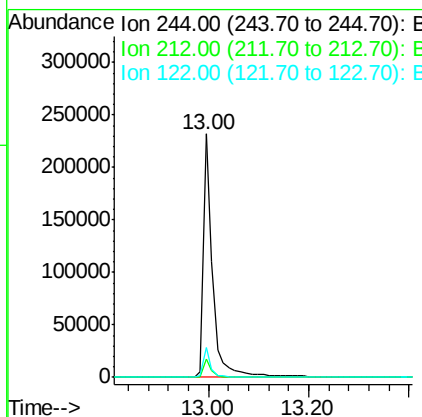
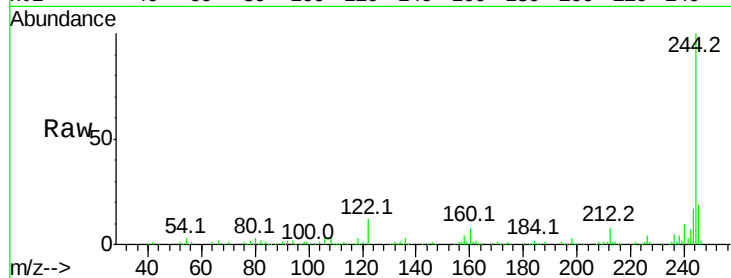
#78
 Terphenyl-d14
 Concen: 22.73 ng
 RT: 13.00 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF082049.D
 Acq: 5 Oct 2015 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PT-ACIDS-WPDL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	12.3	17.4	26.2#

Manual Integrations
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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: BF082049.D
 Acq: 5 Oct 2015 16:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.7	17.2	25.8

