

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084713.D
 Acq On : 1 Feb 2016 17:03
 Operator : SJ/IZ
 Sample : H1256-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9035

Manual Integrations
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Quant Time: Feb 02 00:49:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	184701	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	763571	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	360687	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	728732	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	649783	20.00	ng	-0.01
86) Perylene-d12	15.24	264	476733	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1500494	126.54	ng	0.00
7) Phenol-d6	6.37	99	1857929	126.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	1306647	96.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	571040	151.78	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2086432	106.35	ng	-0.01
78) Terphenyl-d14	12.82	244	2023331	70.56	ng	-0.01
Target Compounds						
8) 2-Chlorophenol	6.50	128	724445	53.97	ng	Qvalue 88
10) Phenol	6.38	94	1622220	98.50	ng	93
17) 2-Methylphenol	6.99	107	1181765	111.33	ng	97
26) 2-Nitrophenol	7.62	139	762009	106.44	ng	# 83
29) 2,4-Dichlorophenol	7.86	162	1014631	95.23	ng	95
36) 4-Chloro-3-methylphenol	8.57	107	1002487	82.48	ng	92
42) 2,4,6-Trichlorophenol	9.00	196	901142m	122.11	ng	
43) 2,4,5-Trichlorophenol	9.04	196	443111m	59.09	ng	
53) 2,4-Dinitrophenol	9.82	184	398934	139.38	ng	95
55) 4-Nitrophenol	9.89	139	640611	129.26	ng	# 82
64) 4,6-Dinitro-2-methylphenol	10.35	198	249631	55.50	ng	# 75
69) Pentachlorophenol	11.05	266	547760	132.90	ng	96

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

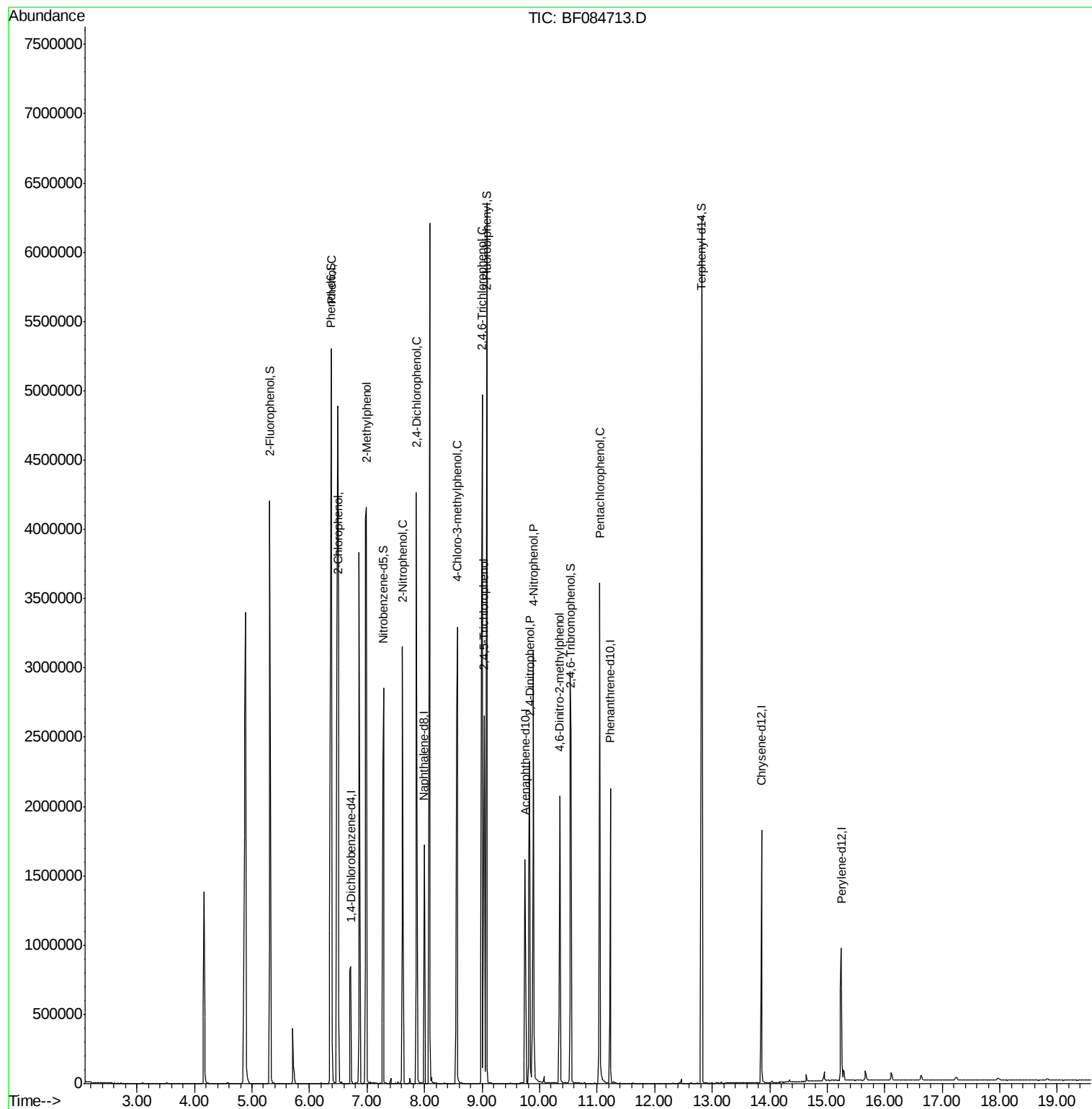
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
Data File : BF084713.D
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ALS Vial : 14 Sample Multiplier: 1

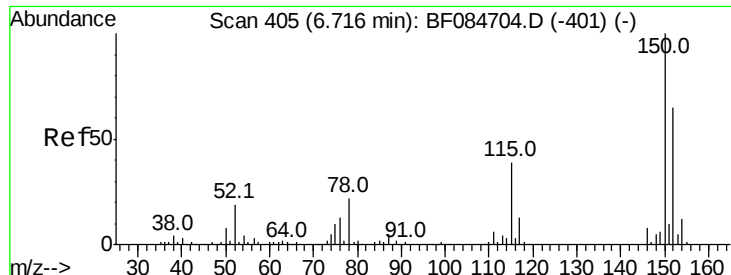
Instrument :
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#1

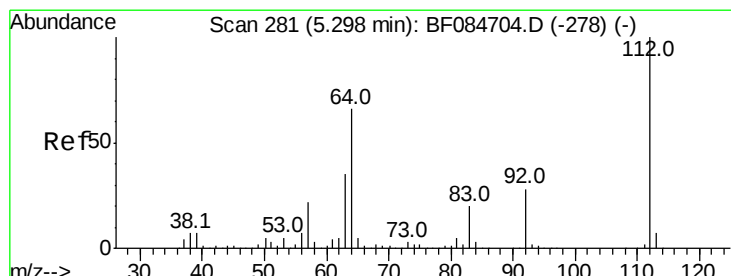
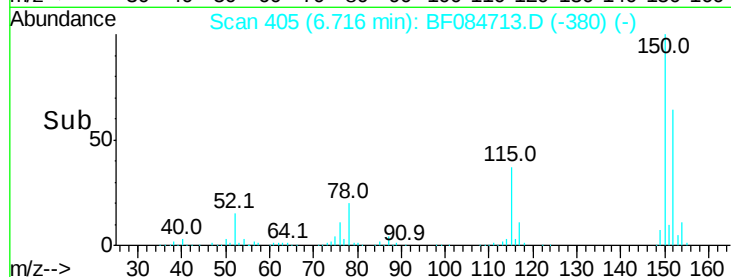
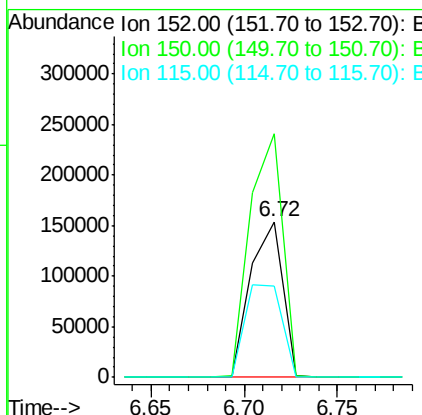
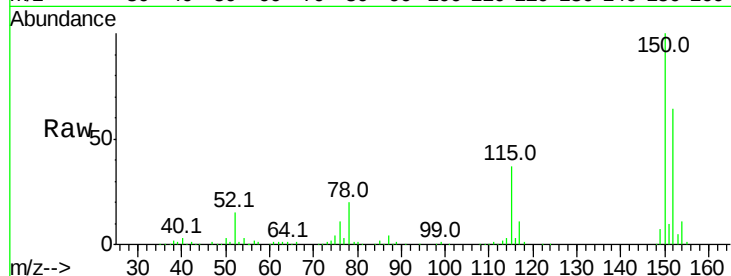
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084713.D
Acq: 1 Feb 2016 17:03

Instrument :
BNA_F
ClientSampleId :
9035

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.0	184.4
115	58.4	51.4	77.2

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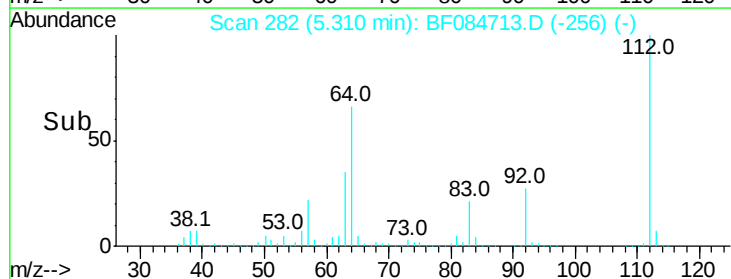
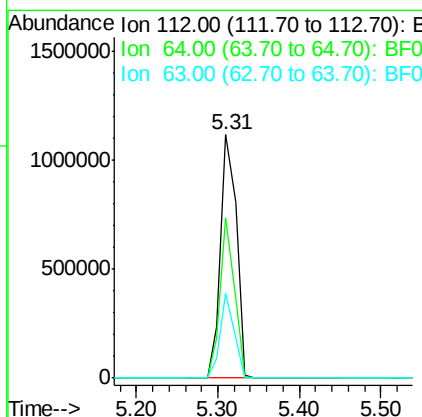
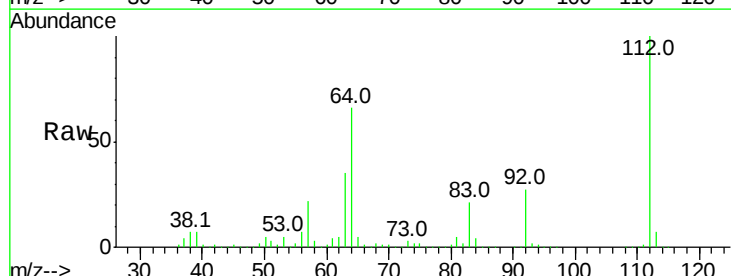
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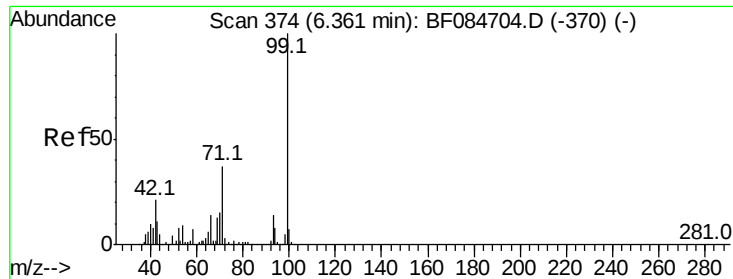


#5

2-Fluorophenol
Concen: 126.54 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.00 min
Lab File: BF084713.D
Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	36.6	55.0#
63	35.0	19.4	29.0#





#7

Phenol-d6

Concen: 126.38 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

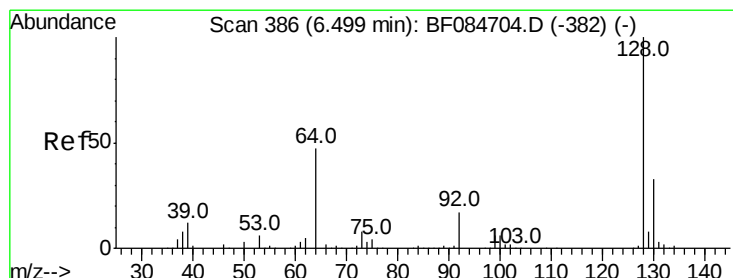
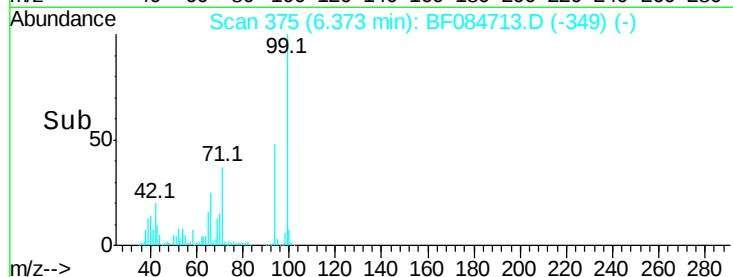
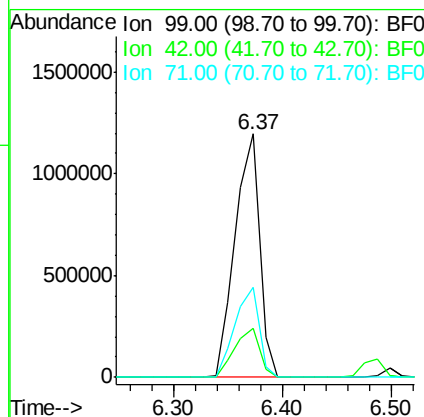
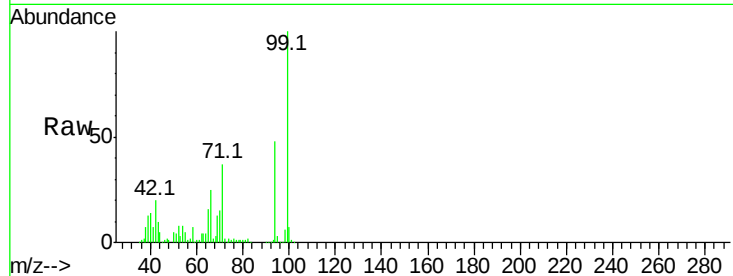
ClientSampleId :

9035

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Tot Ion	99	Resp	1857929
Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	36.9	30.9	46.3



#8

2-Chlorophenol

Concen: 53.97 ng

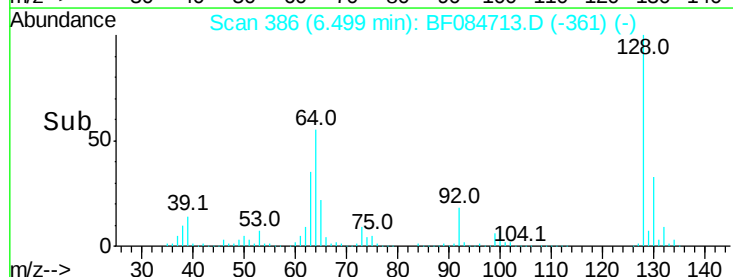
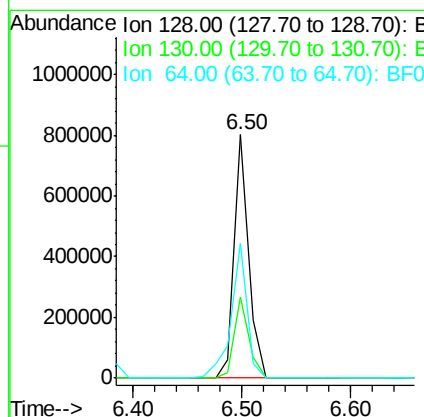
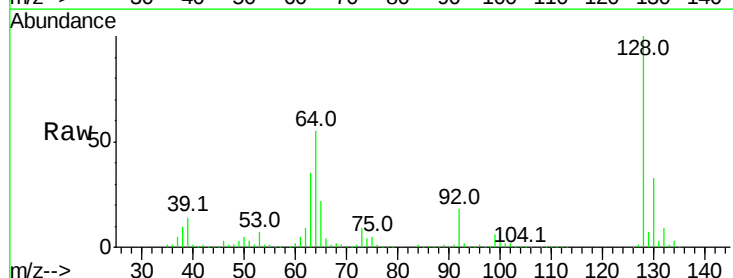
RT: 6.50 min Scan# 386

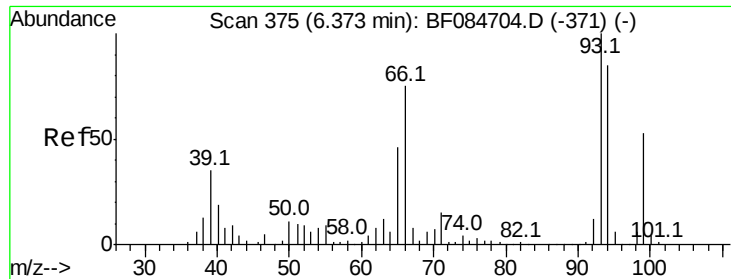
Delta R.T. -0.01 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Tgt Ion	128	Resp	724445
Ion	Ratio	Lower	Upper
128	100		
130	33.2	11.6	51.6
64	55.5	23.8	63.8





#10

Phenol

Concen: 98.50 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Instrument :

BNA_F

ClientSampled :

9035

Tot Ion: 94 Resp: 1622220

Ion Ratio Lower Upper

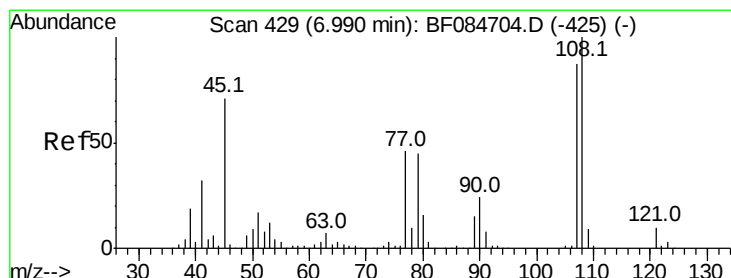
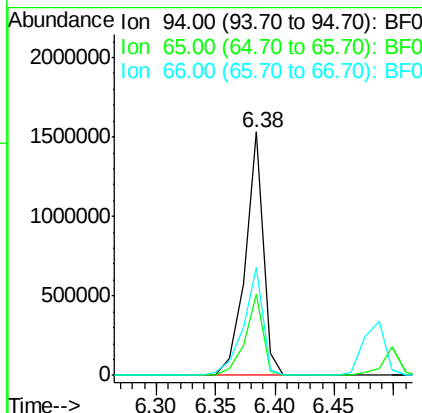
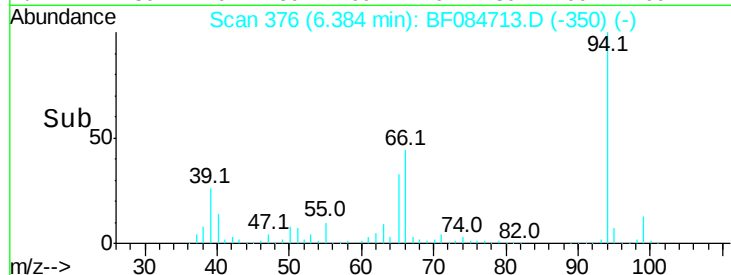
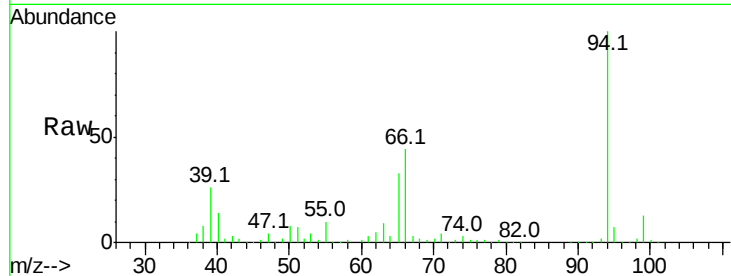
94 100

65 33.3 12.9 52.9

66 44.5 32.7 72.7

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#17

2-Methylphenol

Concen: 111.33 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF084713.D

Acq: 1 Feb 2016 17:03

Tgt Ion: 107 Resp: 1181765

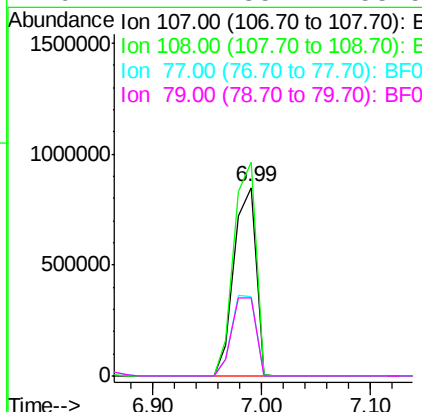
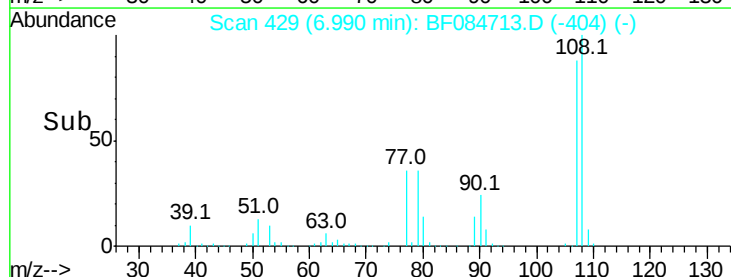
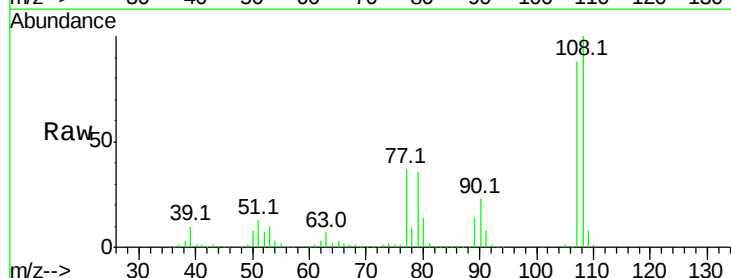
Ion Ratio Lower Upper

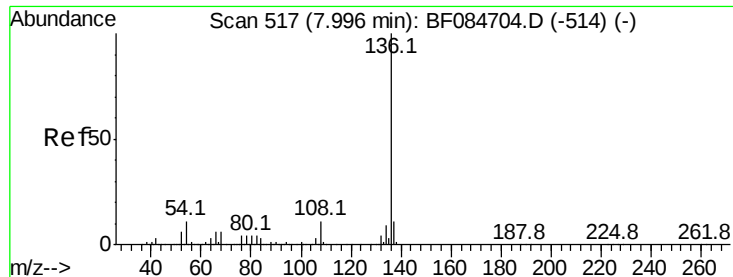
107 100

108 113.3 89.8 134.6

77 41.8 35.7 53.5

79 41.2 35.7 53.5





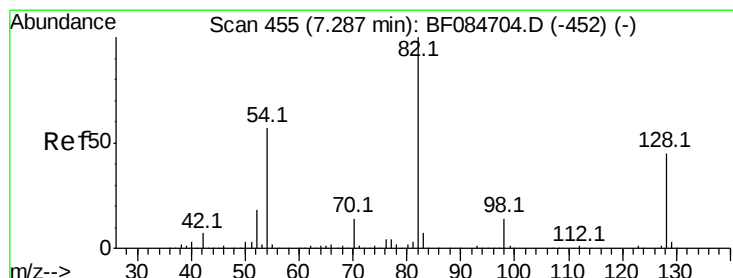
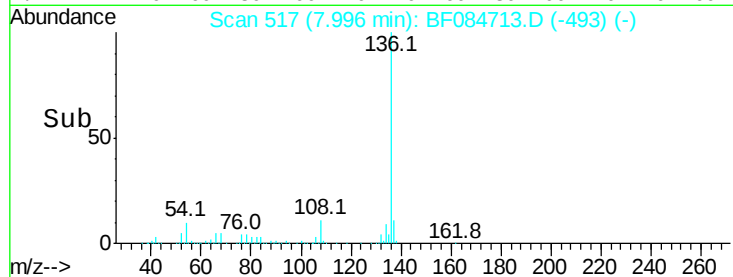
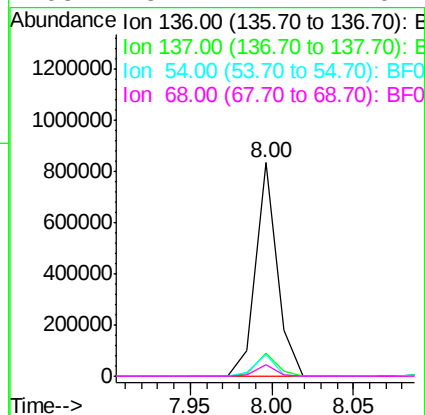
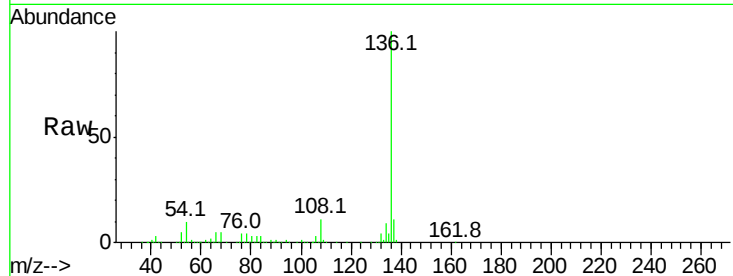
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084713.D
Acq: 1 Feb 2016 17:03

Instrument :
BNA_F
ClientSampleId :
9035

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.9	5.8	8.8
68	5.4	4.2	6.2

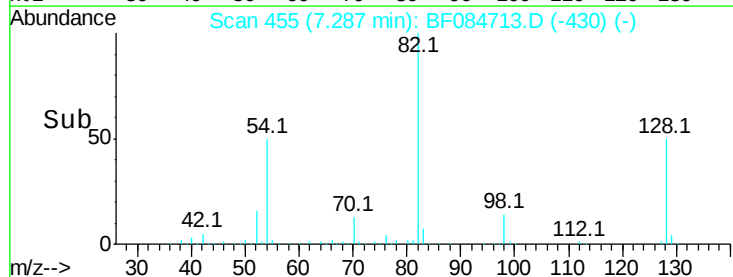
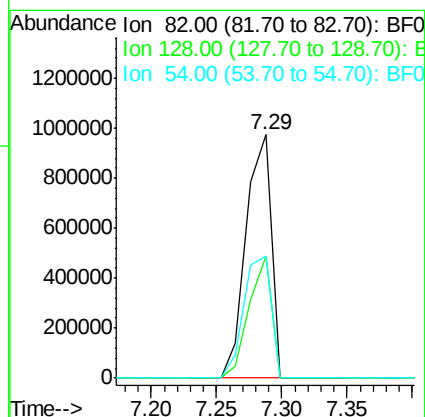
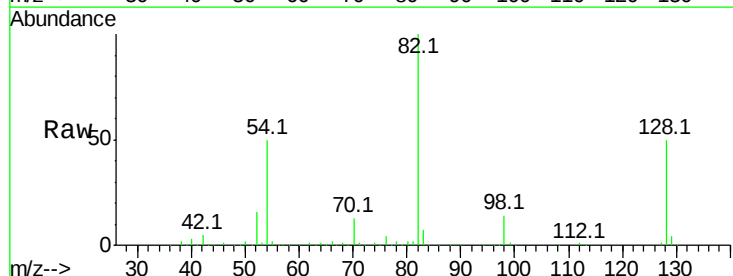
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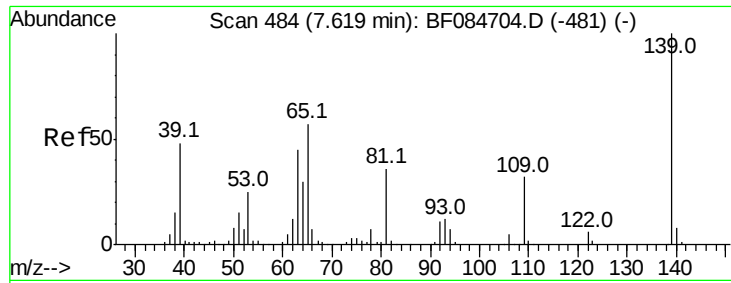
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#23
Nitrobenzene-d5
Concen: 96.40 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084713.D
Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	50.1	34.6	51.8
54	50.1	38.4	57.6





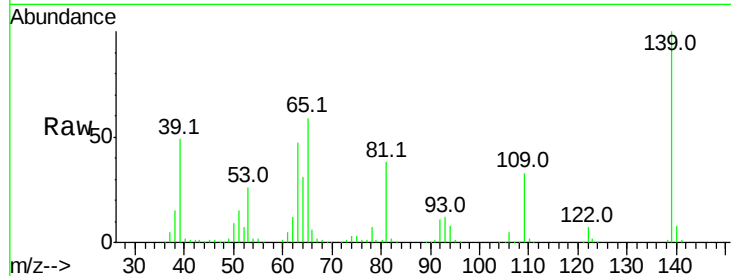
#26
 2-Nitrophenol
 Concen: 106.44 ng
 RT: 7.62 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampled :
 9035

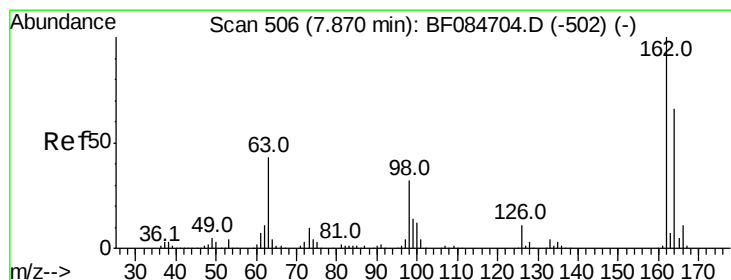
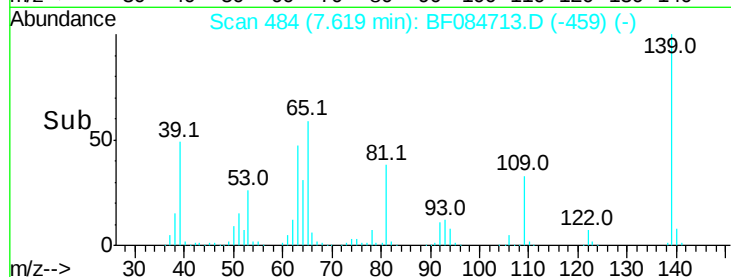
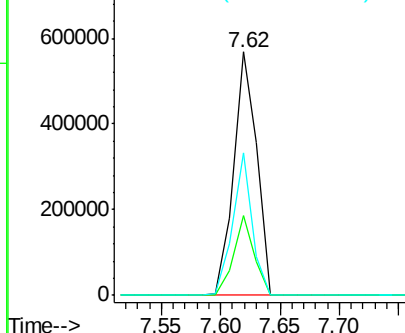
Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	32.5	25.4	38.2
65	58.6	32.3	48.5

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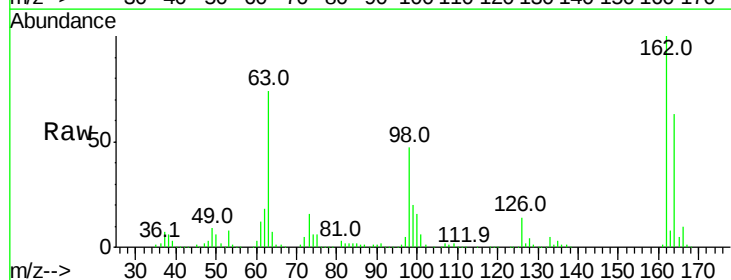


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

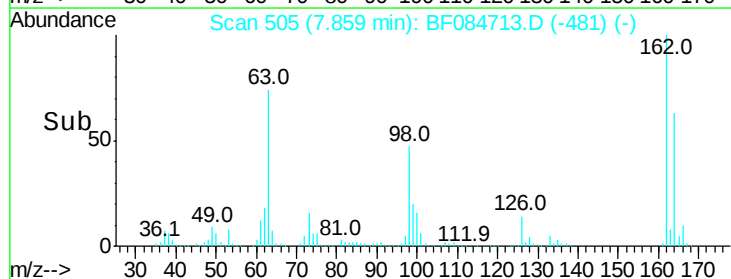
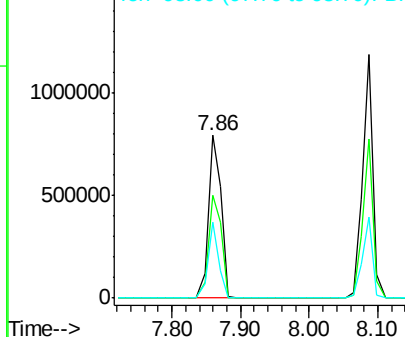


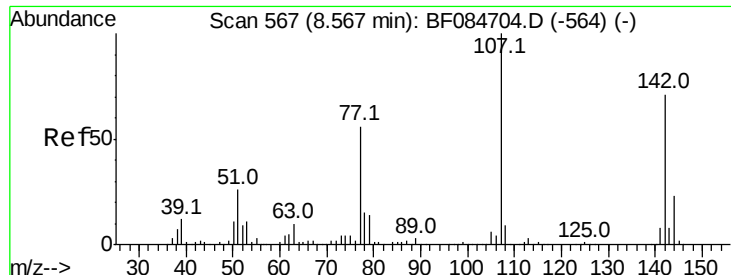
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 2,4-Dichlorophenol
 Concen: 95.23 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	44.1	84.1
98	46.9	20.2	60.2



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





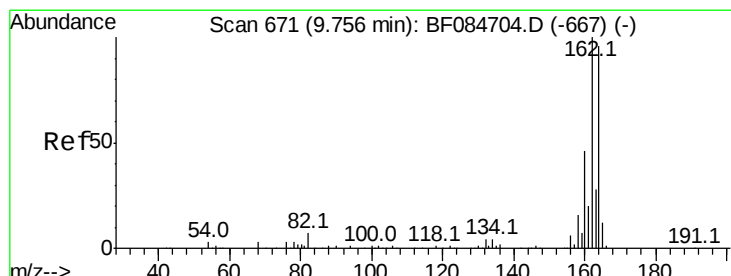
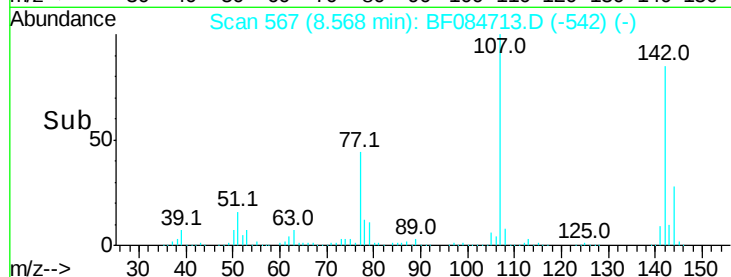
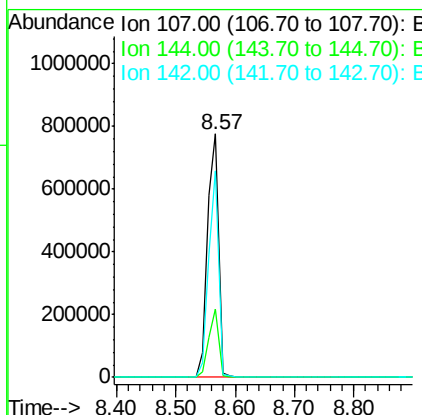
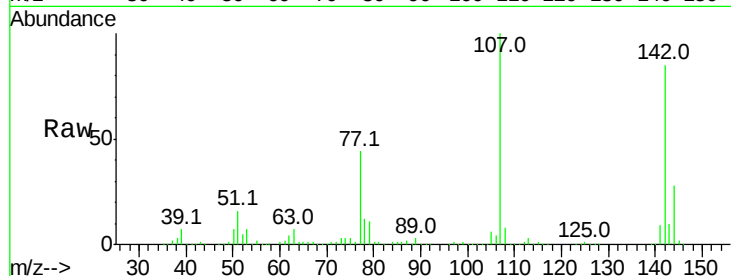
#36
 4-Chloro-3-methylphenol
 Concen: 82.48 ng
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tot Ion	Ratio	Lower	Upper
107	100		
144	28.1	19.7	29.5
142	84.9	61.8	92.6

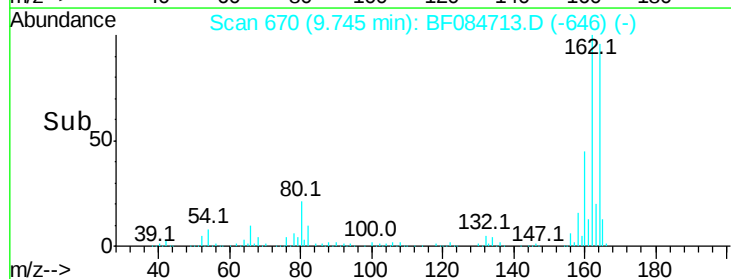
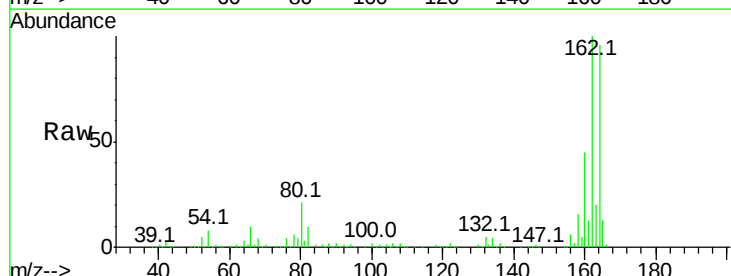
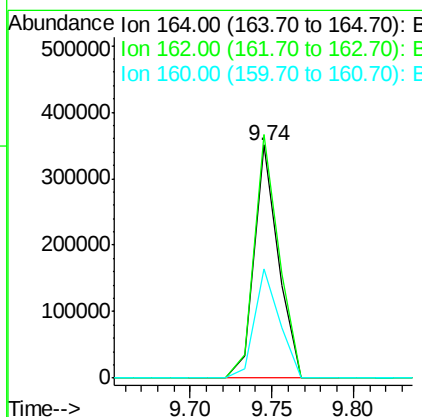
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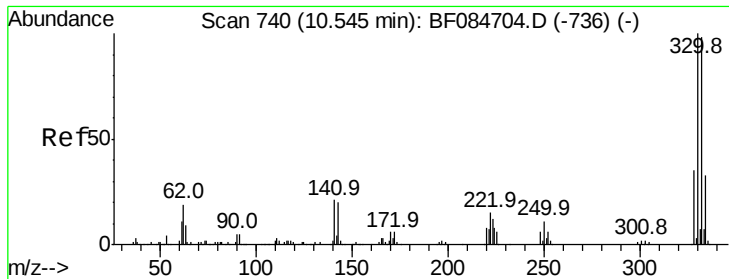
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.02 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	46.8	37.5	56.3





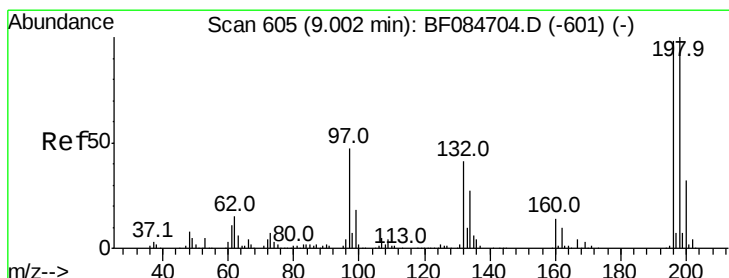
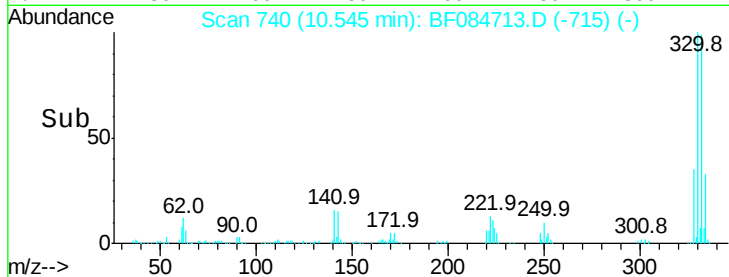
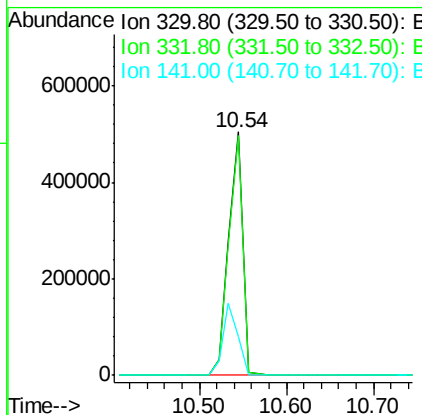
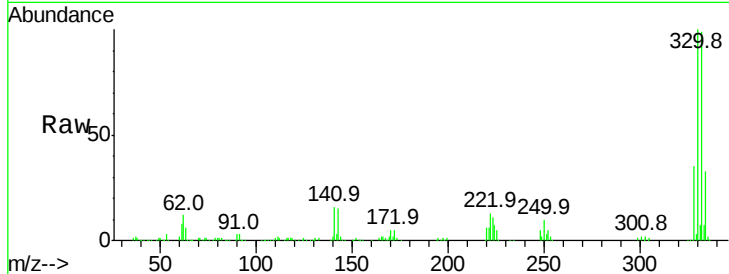
#41
 2,4,6-Tribromophenol
 Concen: 151.78 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tot Ion	Ratio	Resp	Lower	Upper
330	100	571040		
332	98.0	76.6	114.8	
141	32.0	27.8	41.6	

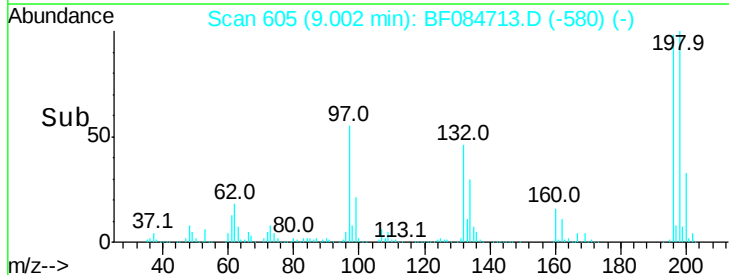
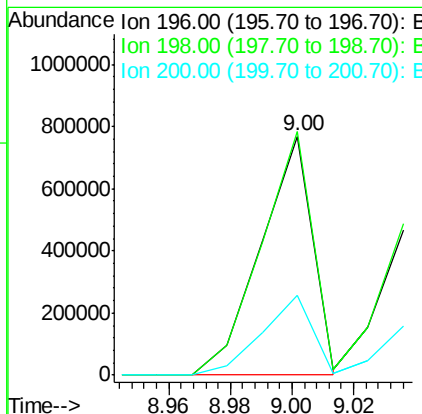
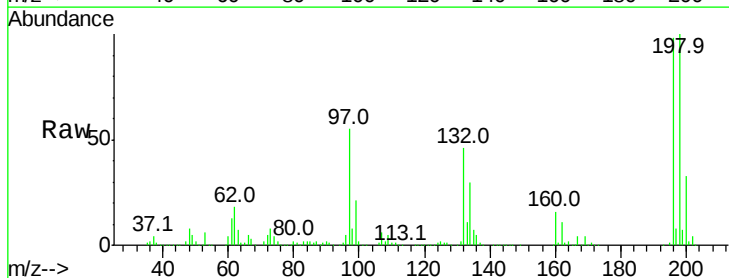
Manual Integrations
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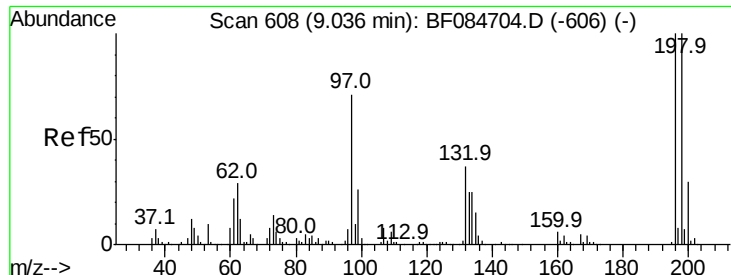
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#42
 2,4,6-Trichlorophenol
 Concen: 122.11 ng m
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	901142		
198	102.0	77.7	116.5	
200	33.3	24.6	37.0	





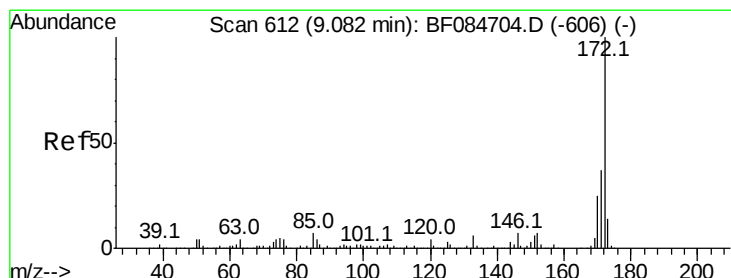
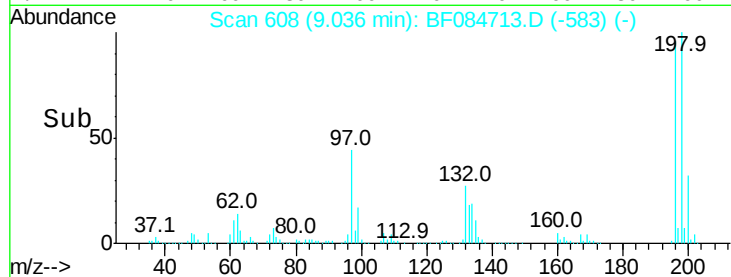
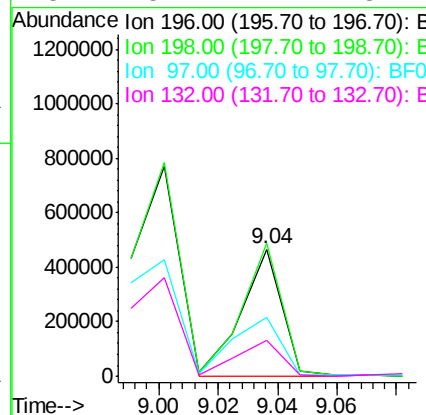
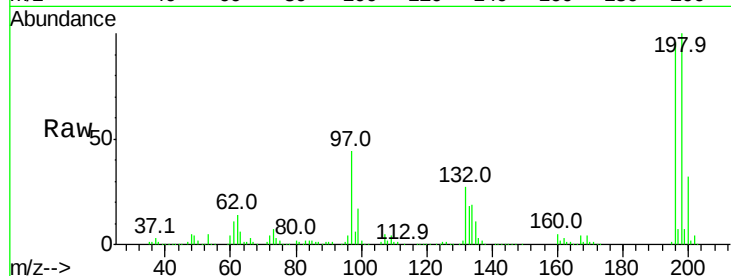
#43
 2,4,5-Trichlorophenol
 Concen: 59.09 ng/mL
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampleID :
 9035

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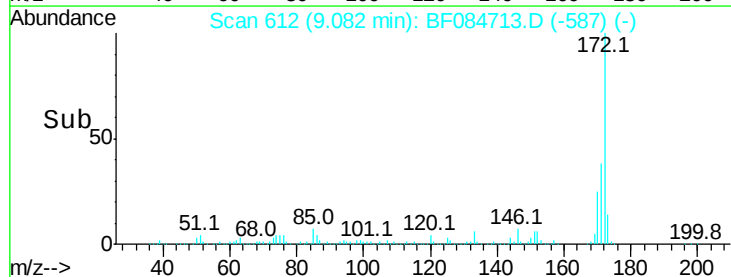
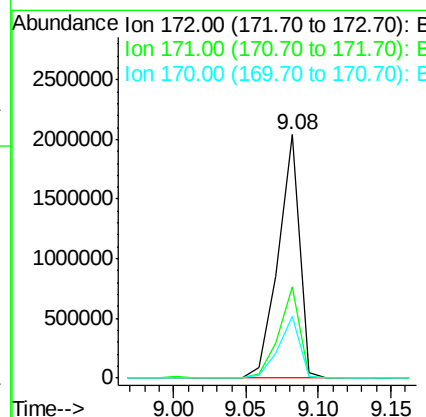
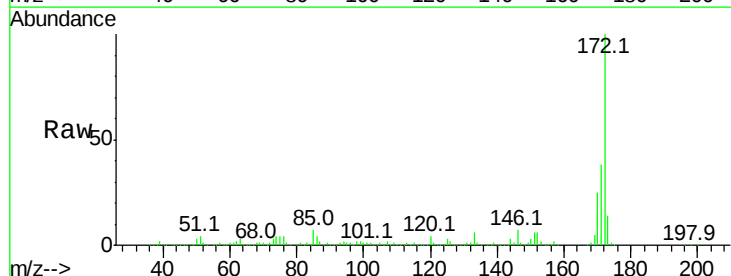
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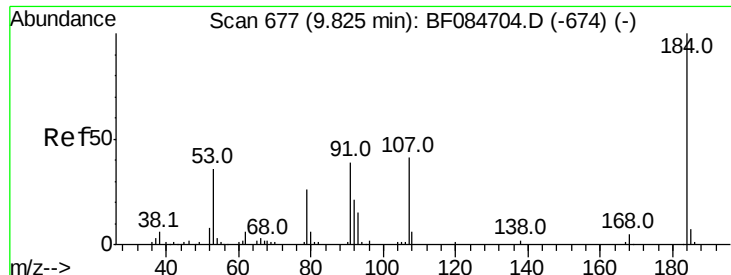
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.2	79.0	118.6	
97	45.9	33.0	49.6	
132	28.7	21.1	31.7	



#44
 2-Fluorobiphenyl
 Concen: 106.35 ng/mL
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

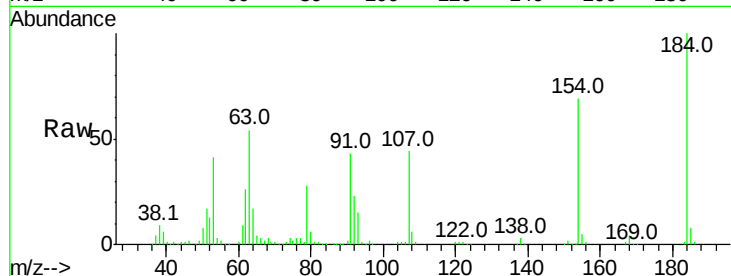
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.6	28.9	43.3	
170	25.5	18.6	27.8	





#53
 2,4-Dinitrophenol
 Concen: 139.38 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

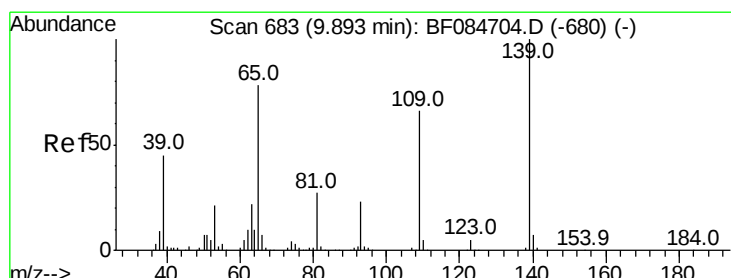
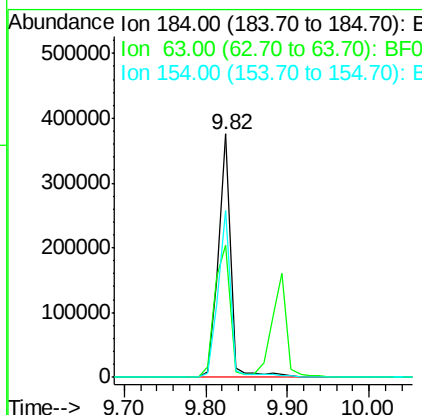
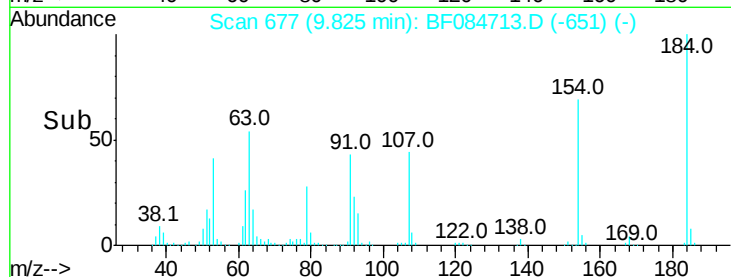
Instrument :
 BNA_F
 ClientSampled :
 9035



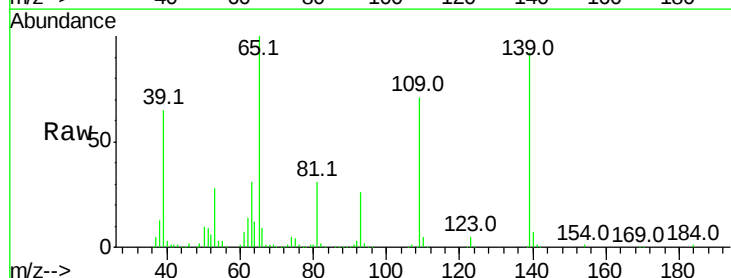
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	54.1	43.1	64.7	
154	68.6	60.5	90.7	

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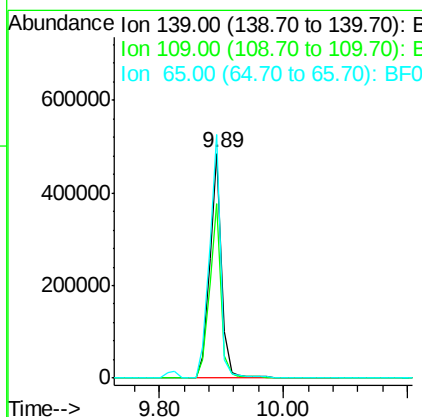
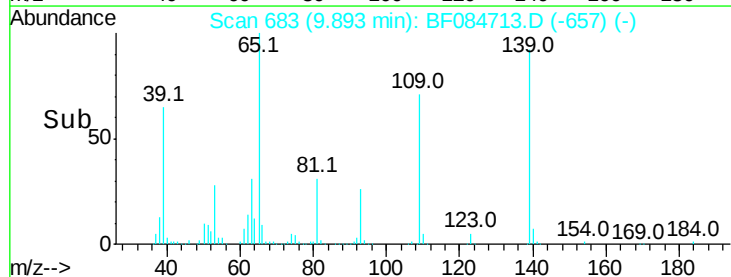
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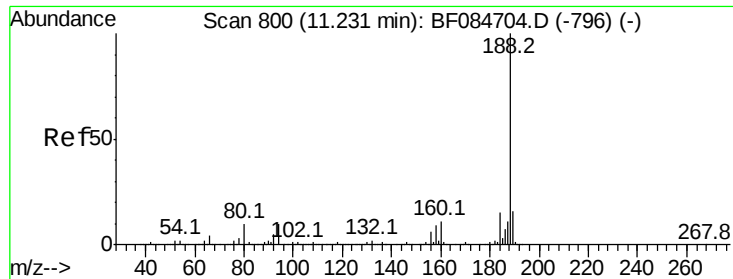


#55
 4-Nitrophenol
 Concen: 129.26 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03



Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.4	58.5	98.5	
65	108.3	57.6	97.6	





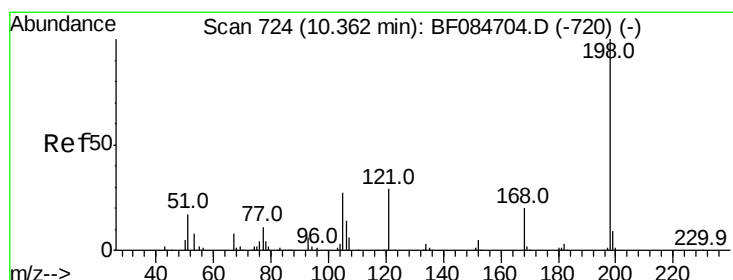
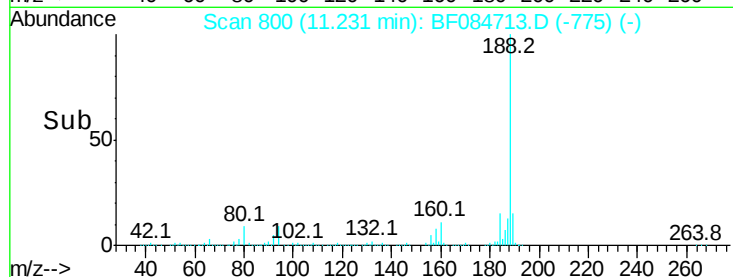
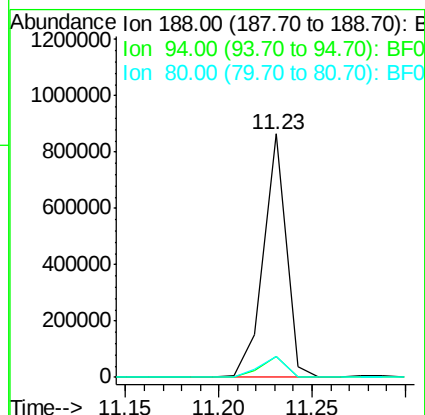
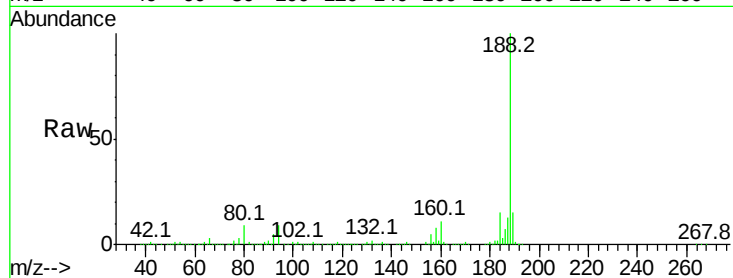
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	8.8	9.6	14.4#

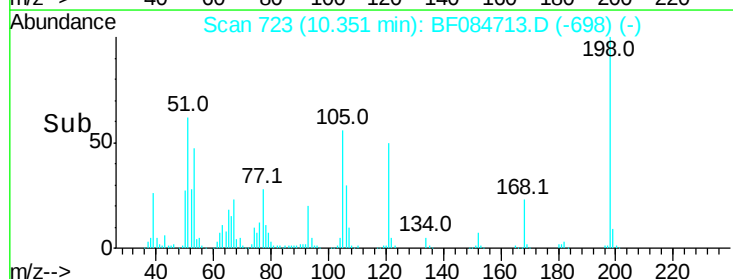
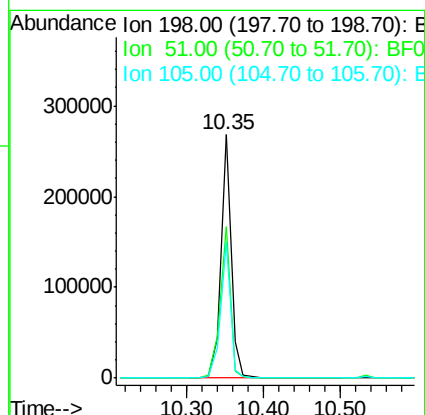
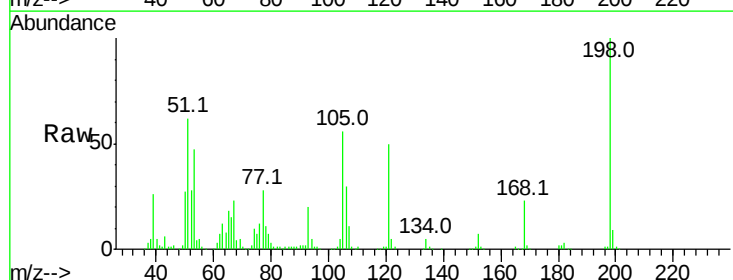
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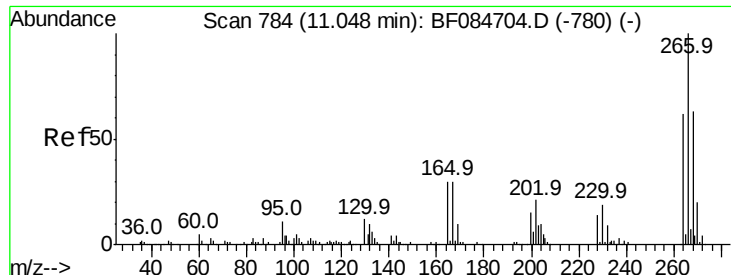
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.50 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	62.1	18.9	58.9#
105	55.7	26.4	66.4





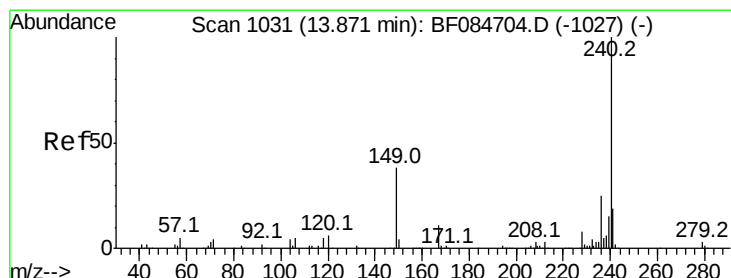
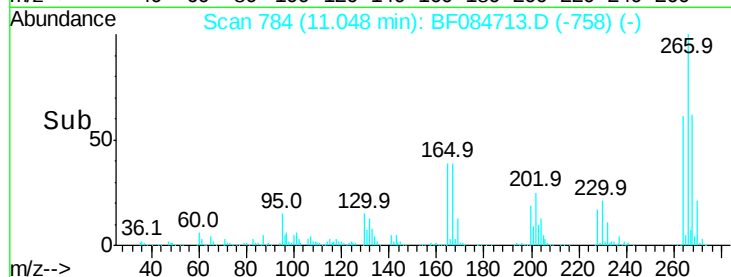
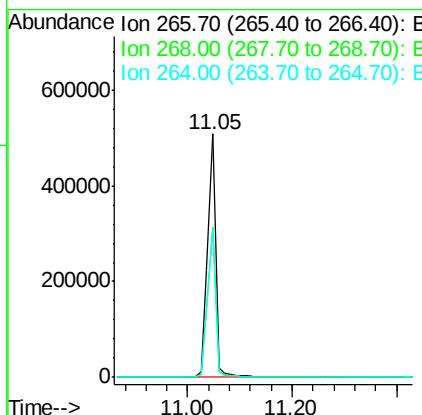
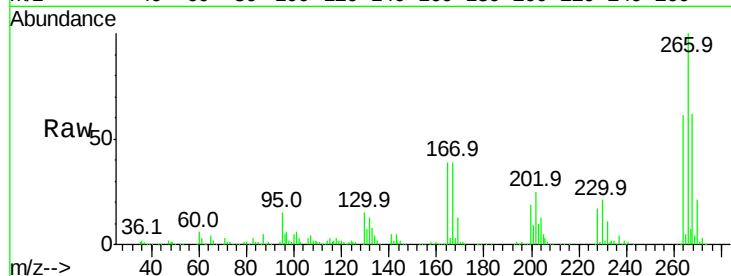
#69
 Pentachlorophenol
 Concen: 132.90 ng
 RT: 11.05 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampleId :
 9035

Tot Ion	Ratio	Resp	Lower	Upper
266	100	547760		
268	61.6	52.4	78.6	
264	61.1	50.2	75.2	

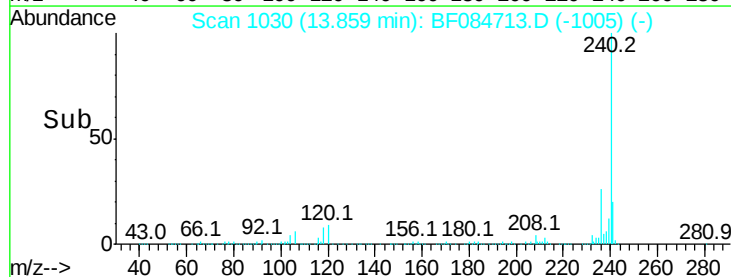
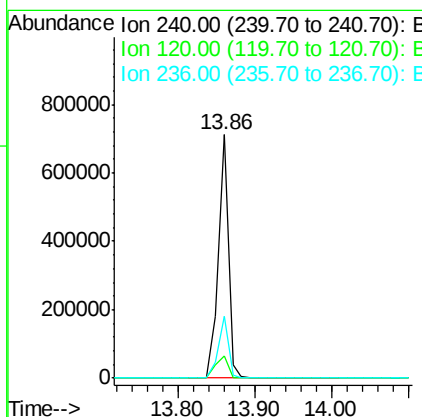
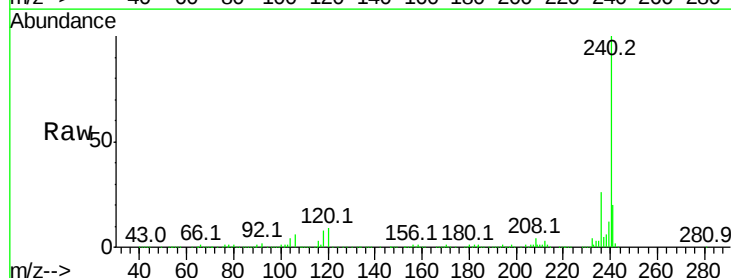
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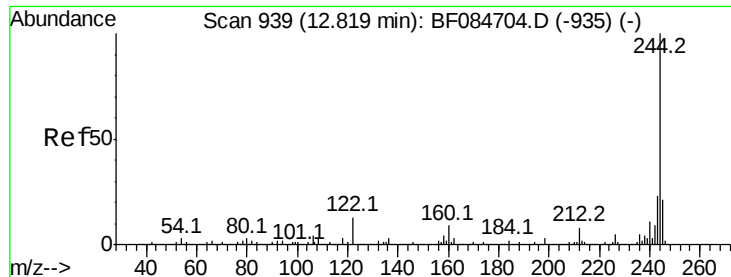
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	649783		
120	9.2	9.5	14.3#	
236	25.6	20.6	31.0	





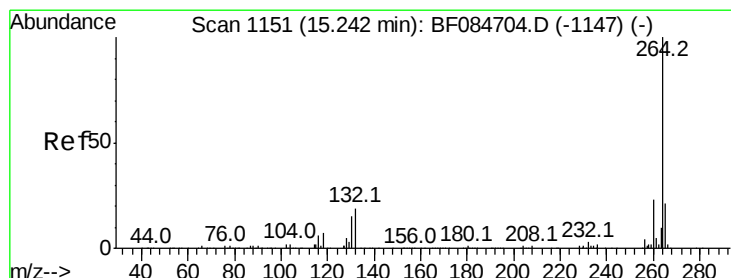
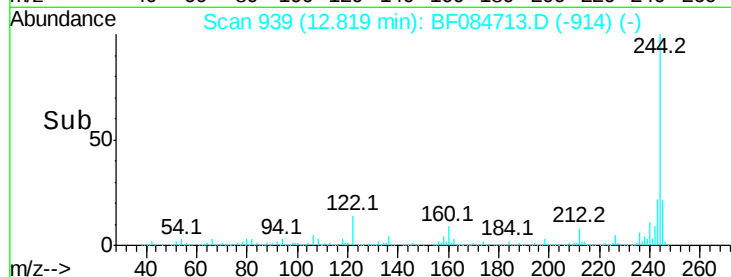
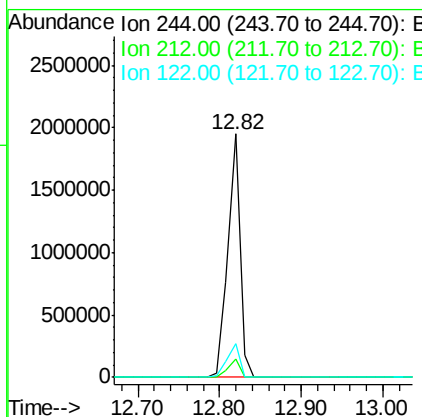
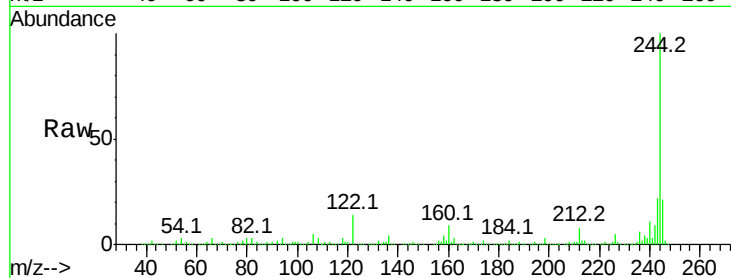
#78
 Terphenyl-d14
 Concen: 70.56 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Instrument :
 BNA_F
 ClientSampled :
 9035

Tot Ion:244 Resp: 2023331
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 13.7 7.4 11.0#

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF084713.D
 Acq: 1 Feb 2016 17:03

Tgt Ion:264 Resp: 476733
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.2 17.8 26.6

