

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086685.D
 Acq On : 4 May 2016 19:14
 Operator : UM/SJ
 Sample : H2693-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-CC-01A

Manual Integrations
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Quant Time: May 05 04:50:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	155558	40.00	ng	0.00
21) Naphthalene-d8	8.02	136	571068	40.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	234905	40.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	340025m	40.00	ng	0.00
75) Chrysene-d12	13.89	240	292862	40.00	ng	0.01
86) Perylene-d12	15.29	264	283733	40.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	940096	100.05	ng	0.00
7) Phenol-d6	6.38	99	1303766	103.00	ng	0.01
23) Nitrobenzene-d5	7.30	82	778934	70.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	216213	94.09	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1269505	88.59	ng	0.00
78) Terphenyl-d14	12.84	244	727094	50.18	ng	0.00
Target Compounds						
10) Phenol	6.40	94	34131	2.46	ng	Qvalue 84
20) 3+4-Methylphenols	7.16	107	54383	5.12	ng	# 59
49) Dimethylphthalate	9.49	163	148528	8.48	ng	99
69) Pentachlorophenol	11.07	266	1734	6.63	ng	96
70) Phenanthrene	11.28	178	111551	6.11	ng	99
71) Anthracene	11.28	178	111551	5.83	ng	100
74) Fluoranthene	12.47	202	170760	9.33	ng	95
77) Pyrene	12.69	202	117366	5.03	ng	97
80) Benzo(a)anthracene	13.88	228	49453	2.99	ng	93
82) Chrysene	13.92	228	64205	3.63	ng	# 94
83) Bis(2-ethylhexyl)phthalate	13.88	149	397938	35.16	ng	# 95
87) Benzo(b)fluoranthene	14.90	252	56646m	3.32	ng	

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

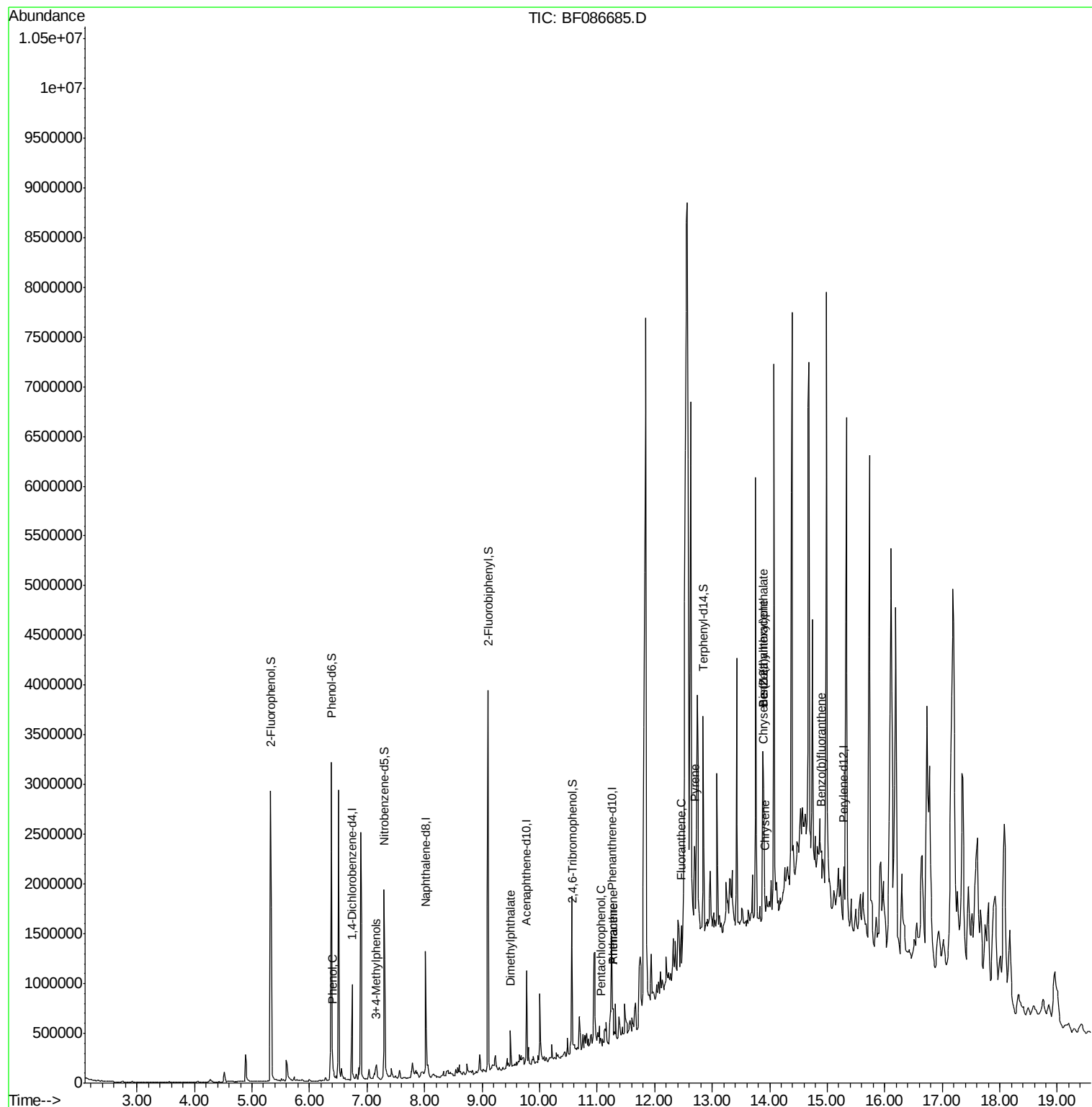
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
Data File : BF086685.D
Acq On : 4 May 2016 19:14
Operator : UM/SJ
Sample : H2693-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

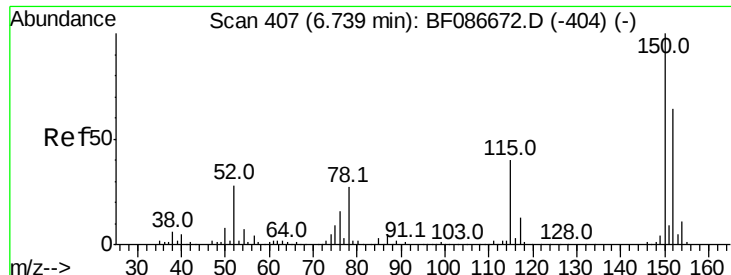
Instrument :
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Quant Time: May 05 04:50:15 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

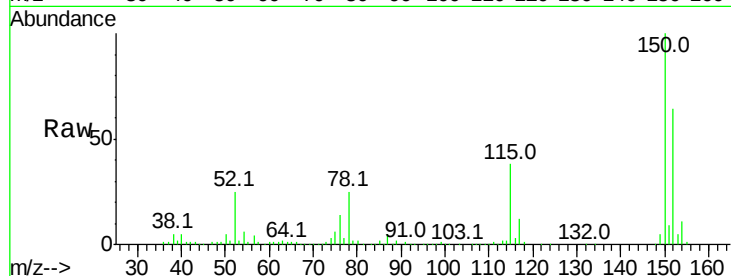
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.74 min Scan# 407
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

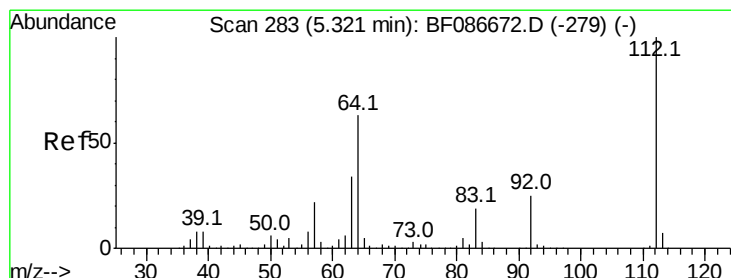
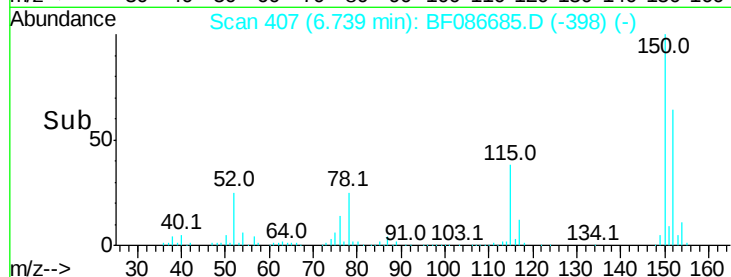
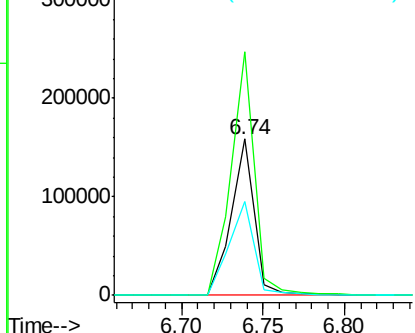
Tot Ion	Ratio	Resp	Lower	Upper
152	100	155558		
150	155.9	125.8	188.6	
115	60.0	51.5	77.3	

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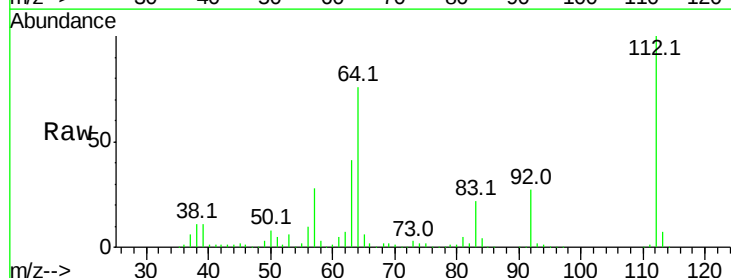
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



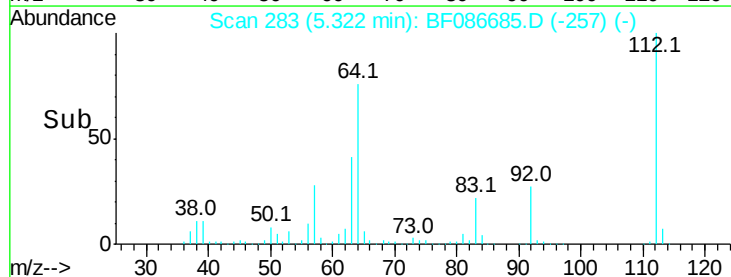
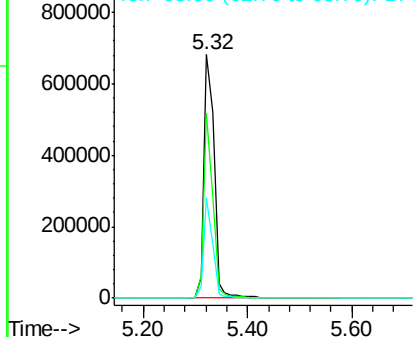
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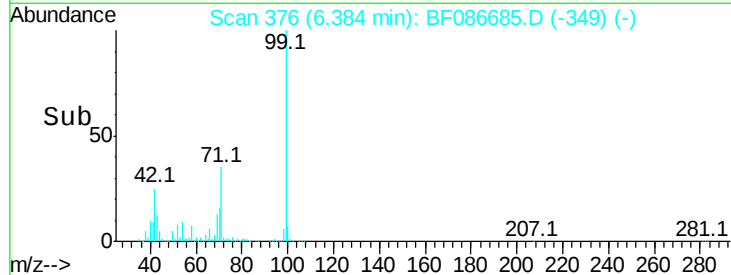
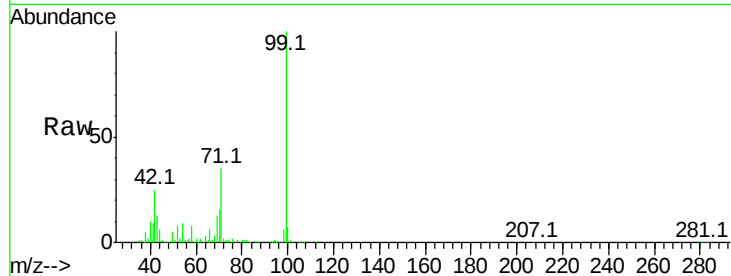
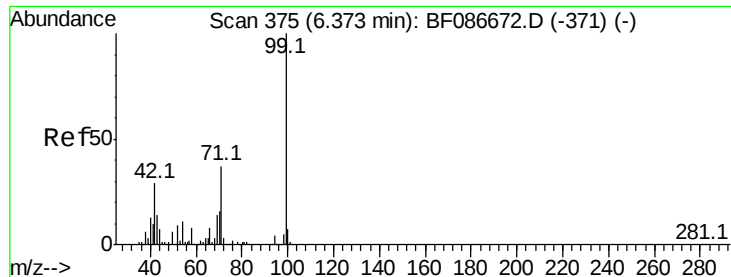
2-Fluorophenol
Concen: 100.05 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	940096		
64	75.9	52.1	78.1	
63	41.0	25.7	38.5	



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: 103.00 ng

RT: 6.38 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF086685.D

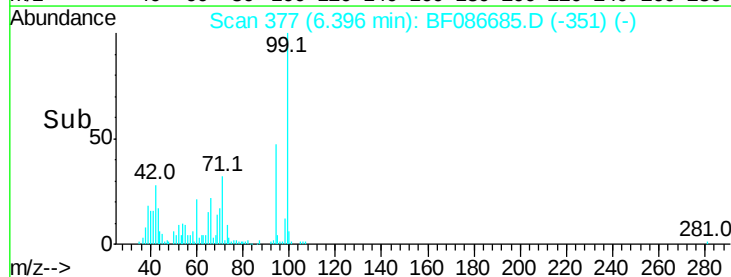
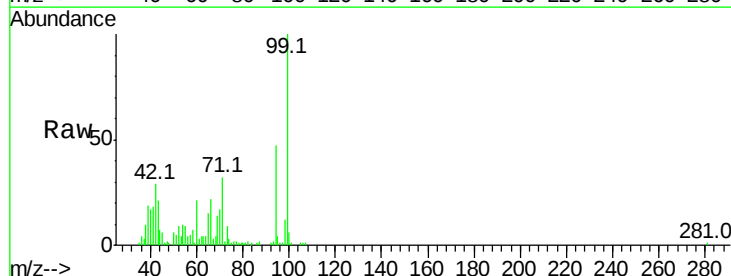
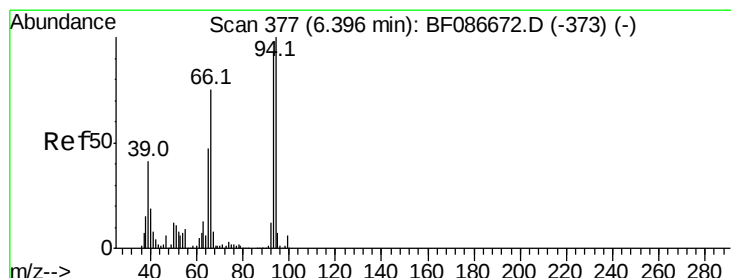
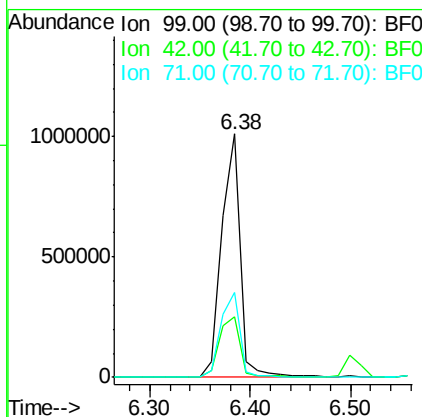
Acq: 4 May 2016 19:14

Tot Ion:	99	Resp:	1303766
Ion	Ratio	Lower	Upper
99	100		
42	25.1	13.6	20.4#
71	34.8	24.6	36.8

Instrument :
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ClientSampleId :
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#10

Phenol

Concen: 2.46 ng

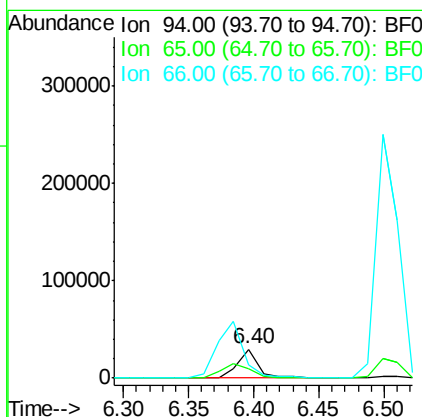
RT: 6.40 min Scan# 377

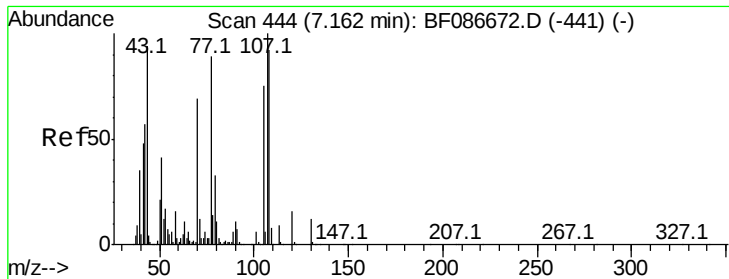
Delta R.T. 0.00 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Tgt Ion:	94	Resp:	34131
Ion	Ratio	Lower	Upper
94	100		
65	32.5	7.2	47.2
66	46.7	14.9	54.9





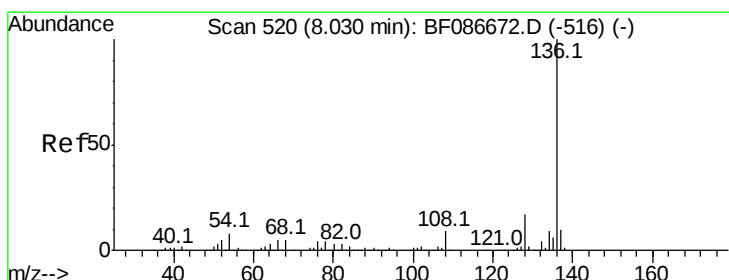
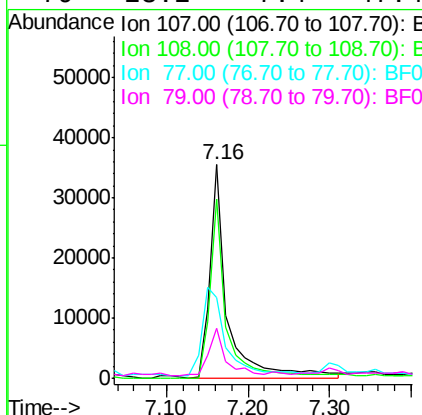
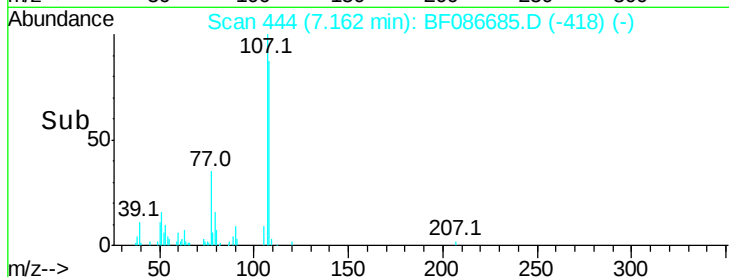
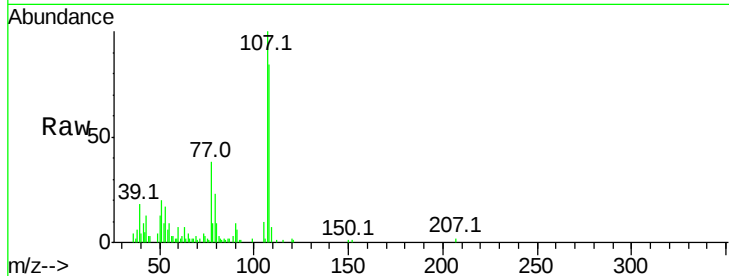
#20
3+4-Methylphenols
Concen: 5.12 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampled :
C-CC-01A

Tot Ion	107	Resp	54383
Ion	Ratio	Lower	Upper
107	100		
108	84.2	68.5	108.5
77	37.9	101.6	141.6#
79	23.2	7.4	47.4

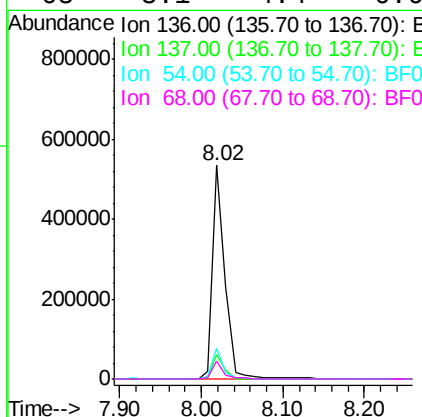
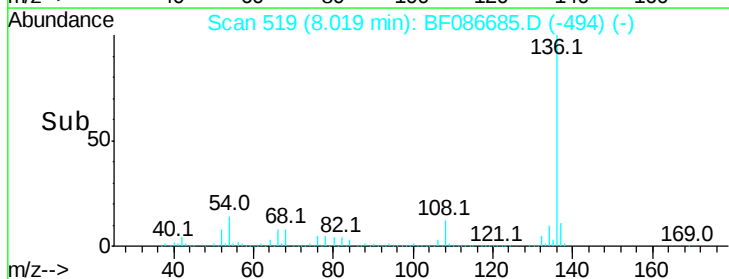
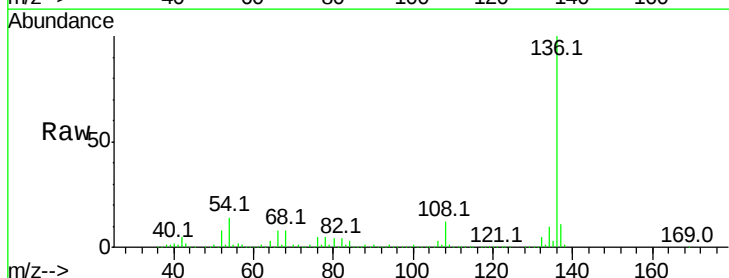
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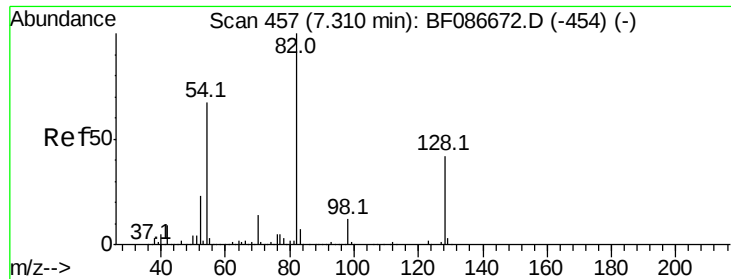
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#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion	136	Resp	571068
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.5	5.0	7.4#
68	8.1	4.4	6.6#





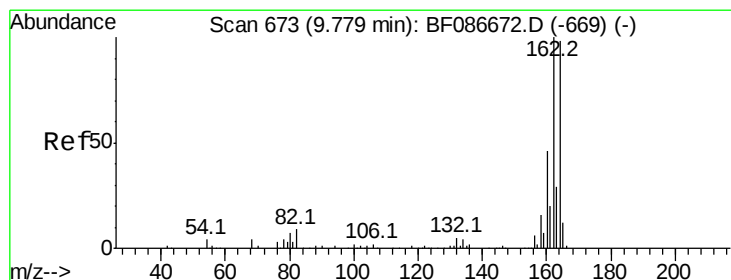
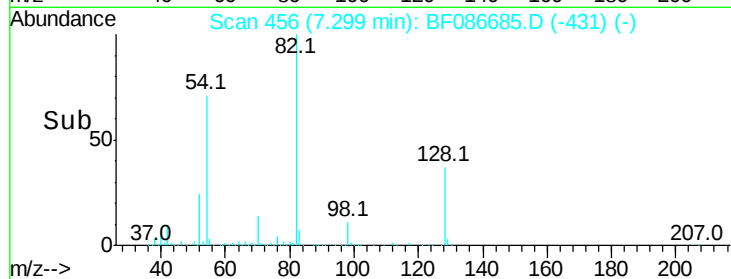
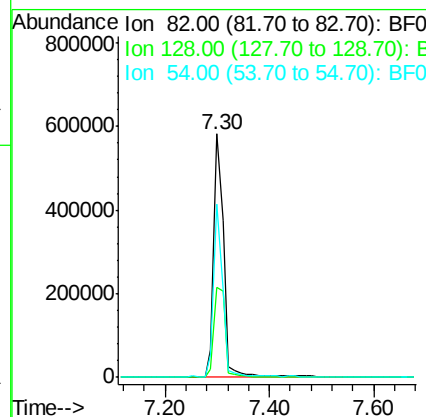
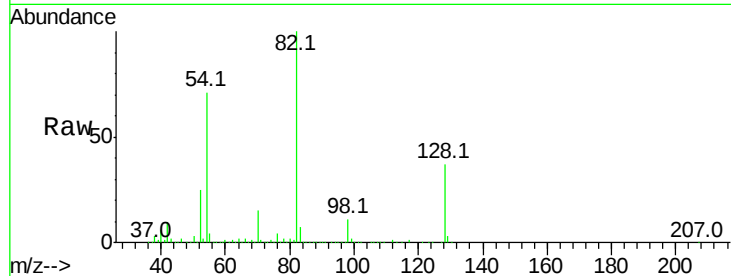
#23
 Nitrobenzene-d5
 Concen: 70.09 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086685.D
 Acq: 4 May 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 C-CC-01A

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.8	40.6	61.0#
54	71.3	38.1	57.1#

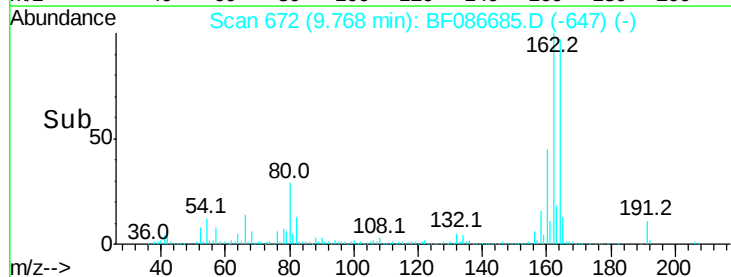
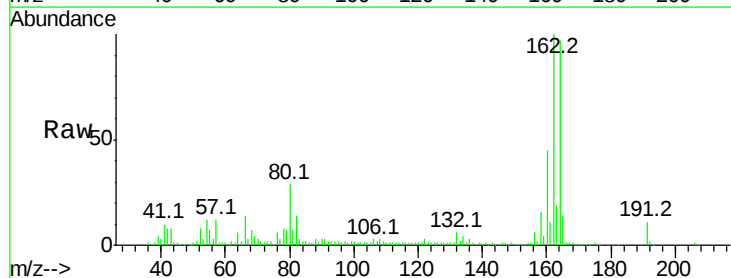
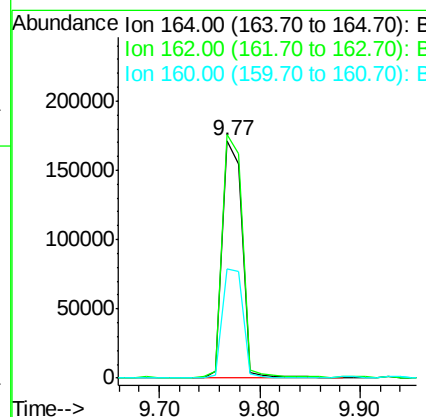
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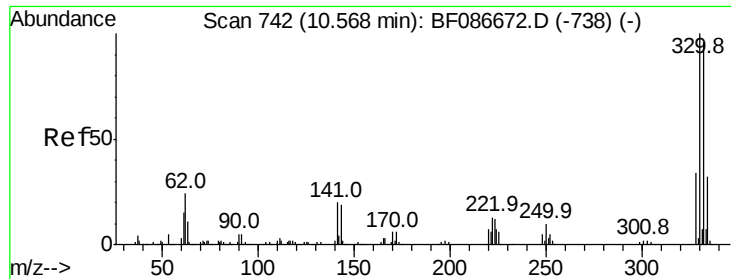
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#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF086685.D
 Acq: 4 May 2016 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.8	124.2
160	45.8	36.9	55.3





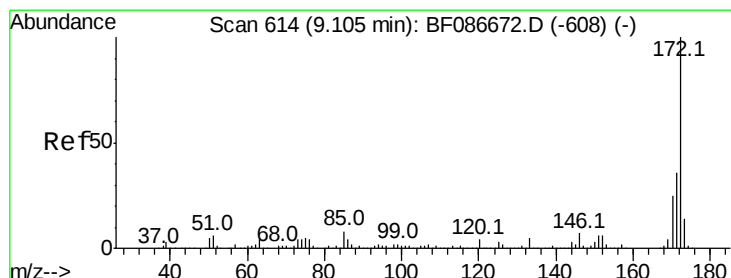
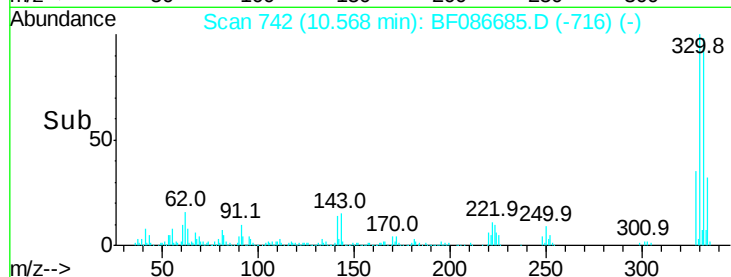
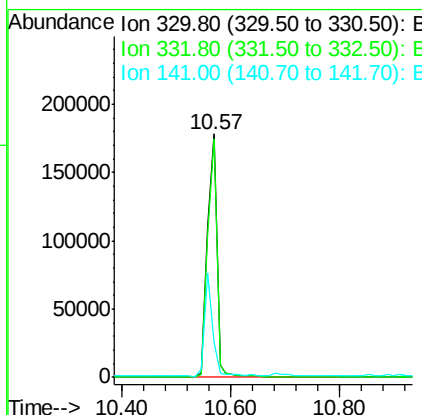
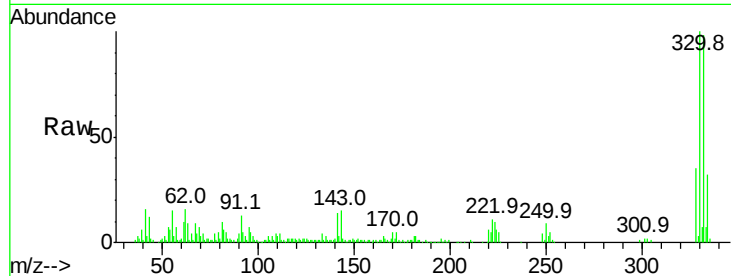
#41
 2,4,6-Tribromophenol
 Concen: 94.09 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF086685.D
 Acq: 4 May 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 C-CC-01A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	216213		
332	96.4	79.0	118.4	
141	35.3	31.2	46.8	

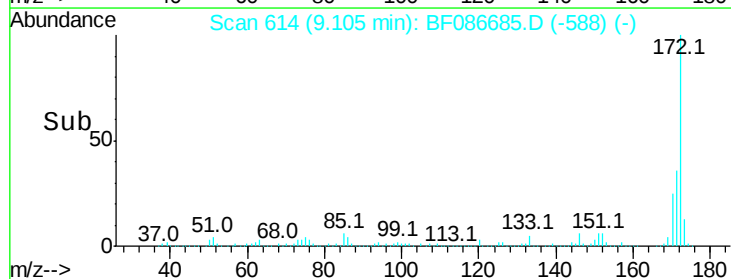
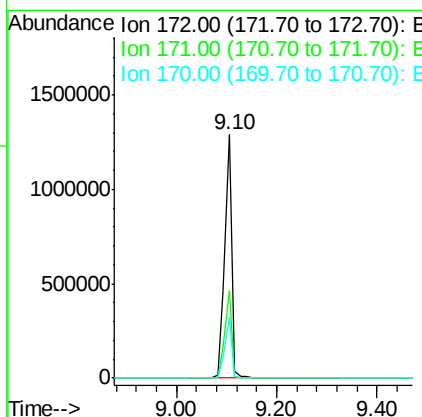
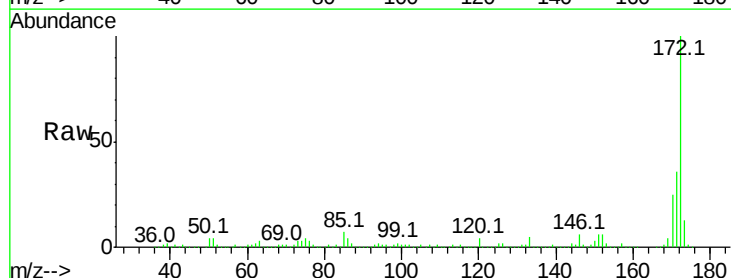
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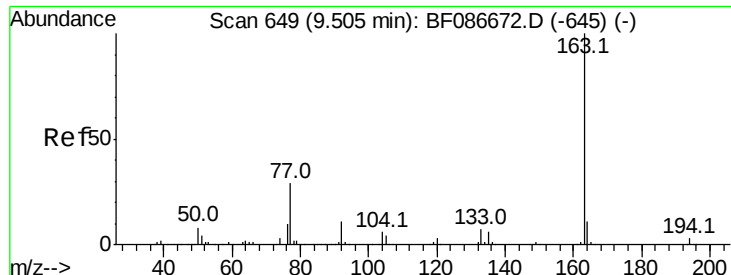
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#44
 2-Fluorobiphenyl
 Concen: 88.59 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF086685.D
 Acq: 4 May 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1269505		
171	36.1	29.0	43.6	
170	24.6	19.8	29.8	





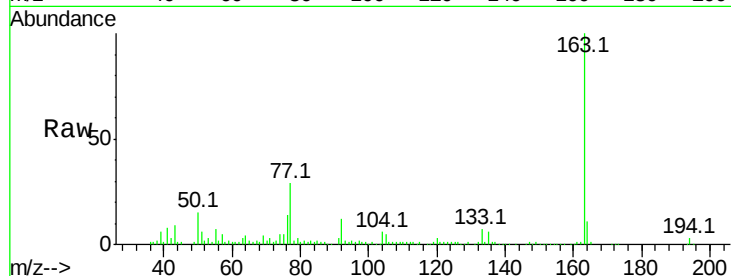
#49
Dimethylphthalate
Concen: 8.48 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

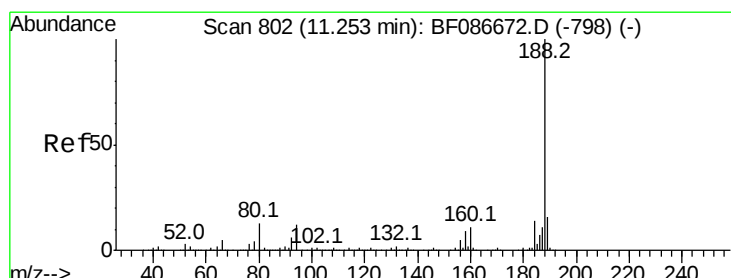
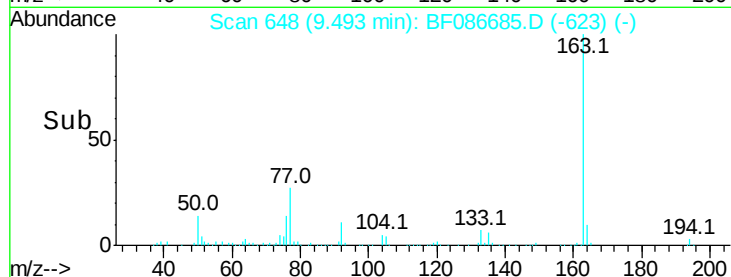
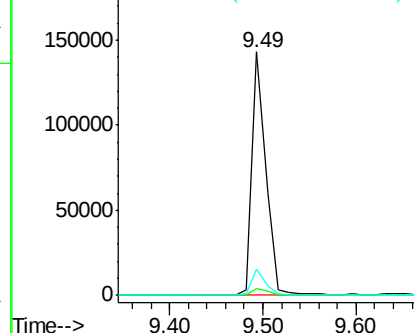
Tot Ion	Ratio	Resp	Lower	Upper
163	100	148528		
194	2.8		2.6	4.0
164	10.7		8.2	12.4

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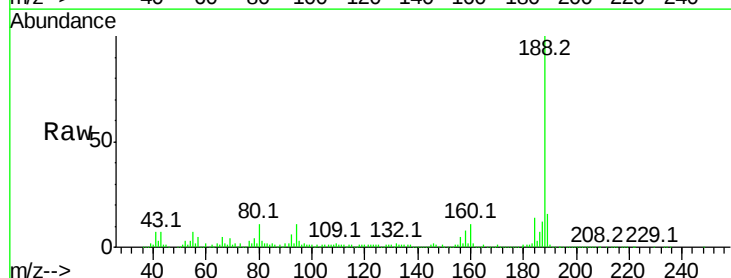


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

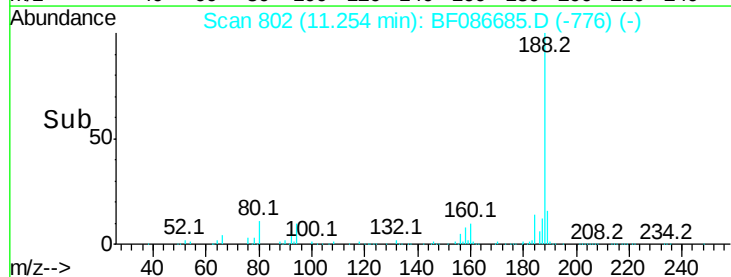
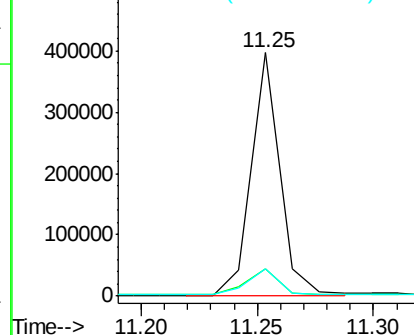


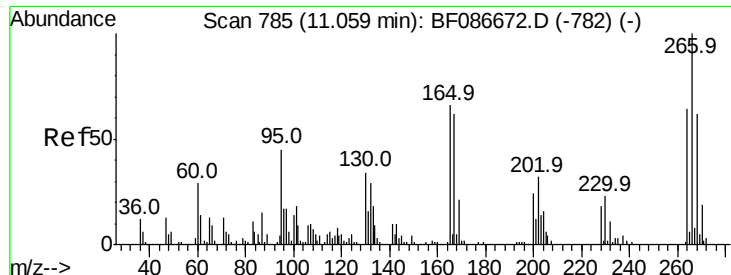
#63
Phenanthrene-d10
Concen: 40.00 ng m
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	340025		
94	11.0		6.8	10.2#
80	11.4		7.1	10.7#



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





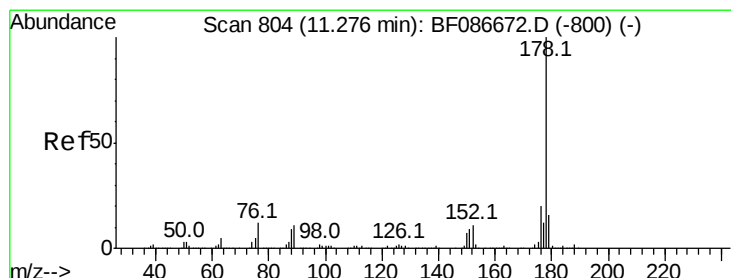
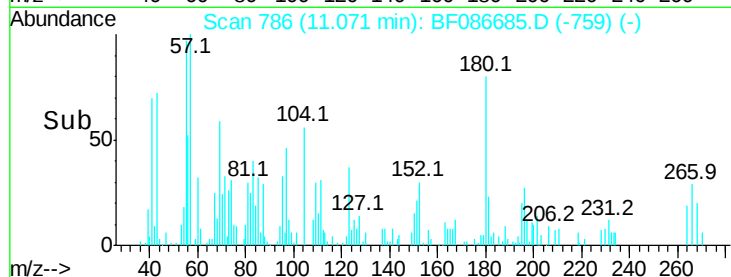
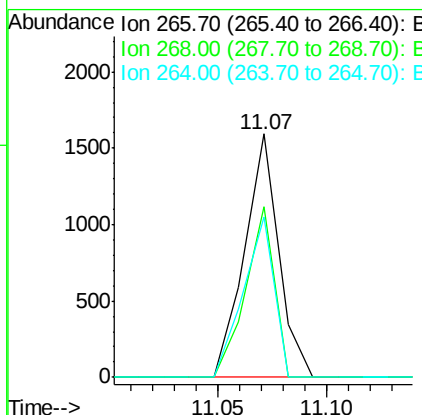
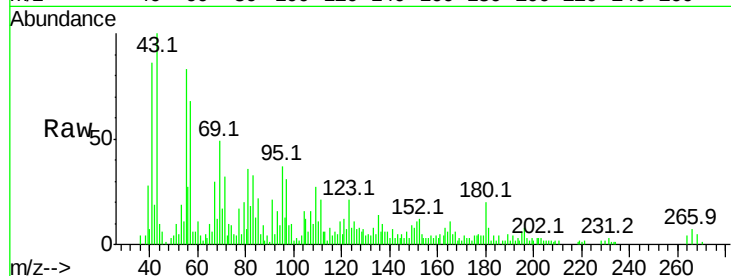
#69
 Pentachlorophenol
 Concen: 6.63 ng
 RT: 11.07 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF086685.D
 Acq: 4 May 2016 19:14

Instrument :
 BNA_F
 ClientSampleId :
 C-CC-01A

Tot Ion	Ratio	Lower	Upper
266	100		
268	70.3	51.5	77.3
264	66.1	52.9	79.3

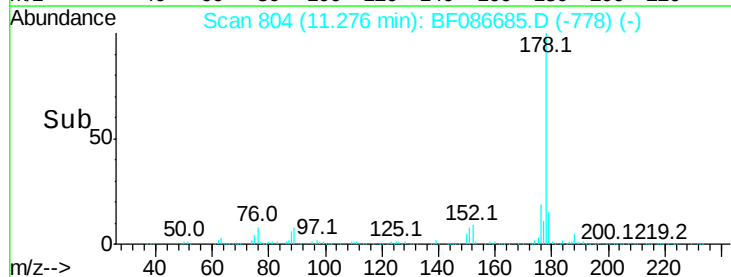
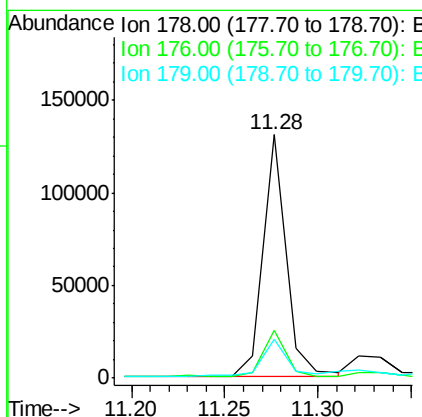
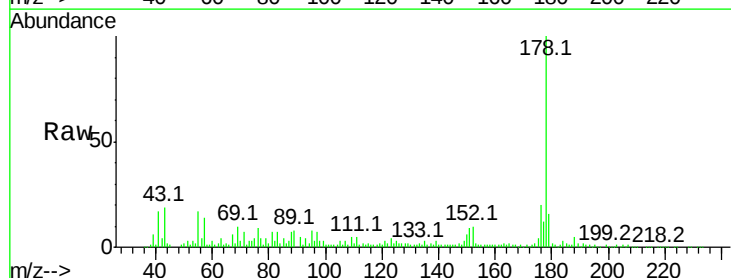
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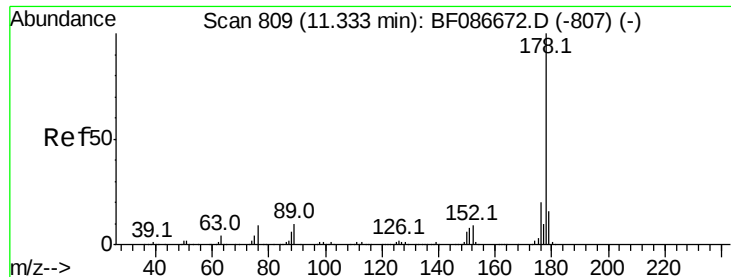
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#70
 Phenanthrene
 Concen: 6.11 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF086685.D
 Acq: 4 May 2016 19:14

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.0	12.6	18.8





#71

Anthracene

Concen: 5.83 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.06 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Instrument :

BNA_F

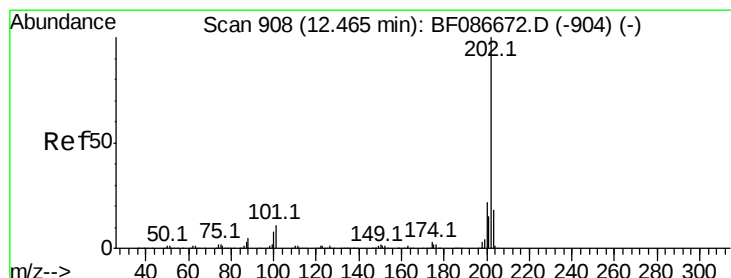
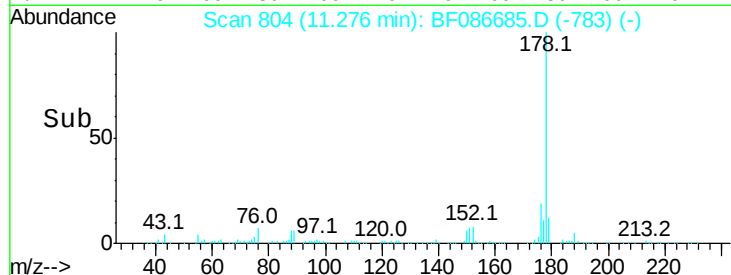
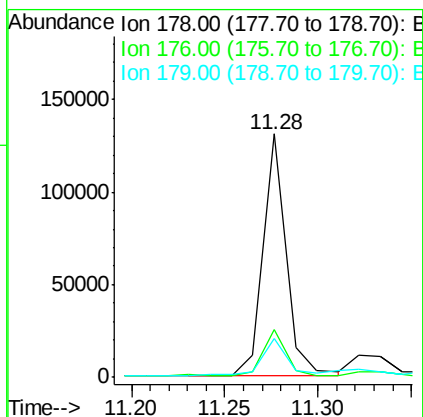
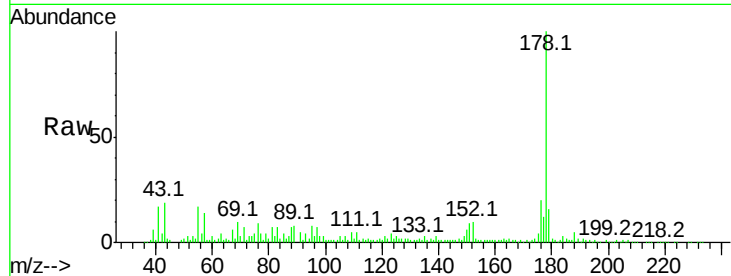
ClientSampleId :

C-CC-01A

Tot Ion:	178	Resp:	111551
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.6	23.4
179	16.0	12.7	19.1

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#74

Fluoranthene

Concen: 9.33 ng

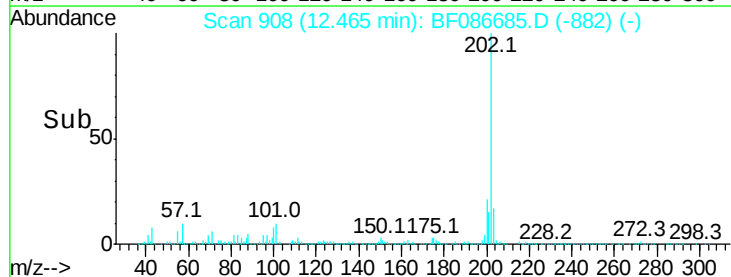
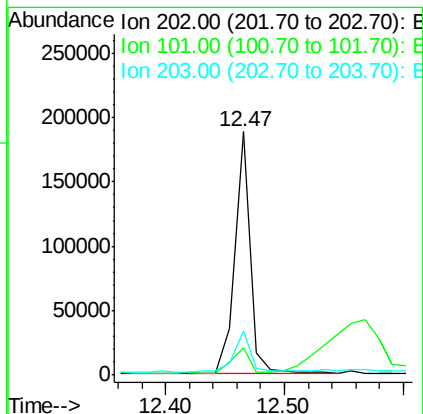
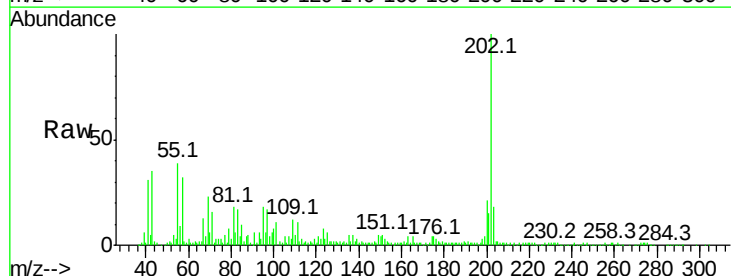
RT: 12.47 min Scan# 908

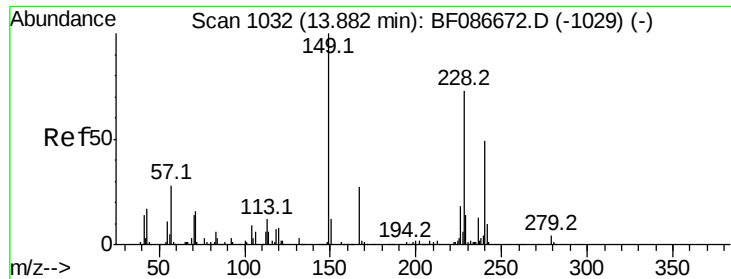
Delta R.T. 0.00 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Tgt Ion:	202	Resp:	170760
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	35.4
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.01 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Instrument :

BNA_F

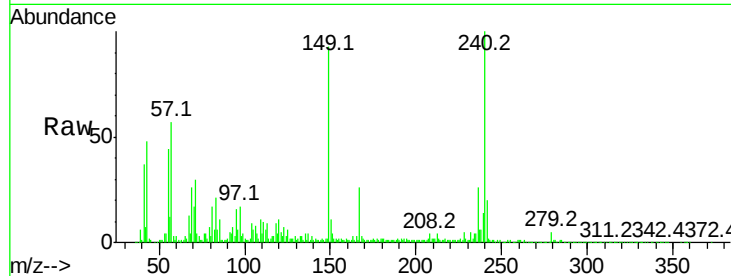
ClientSampleId :

C-CC-01A

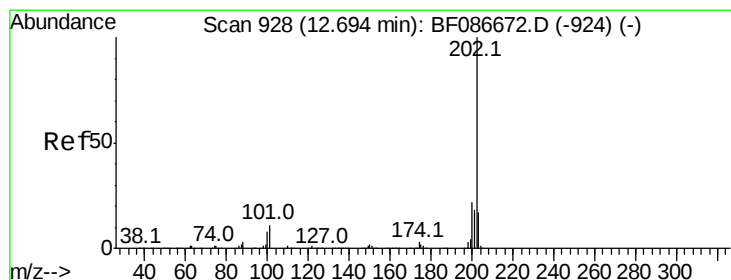
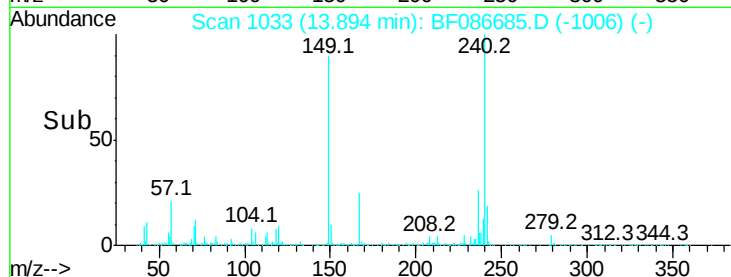
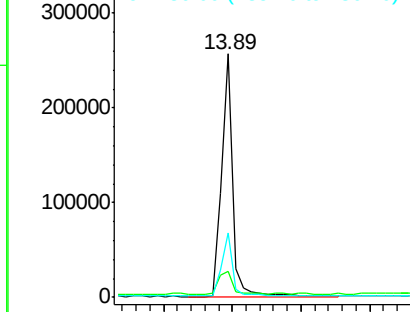
Tot Ion:	240	Resp:	292862
Ion Ratio	Lower	Upper	
240	100		
120	10.6	11.2	16.8#
236	26.3	21.2	31.8

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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



#77

Pyrene

Concen: 5.03 ng

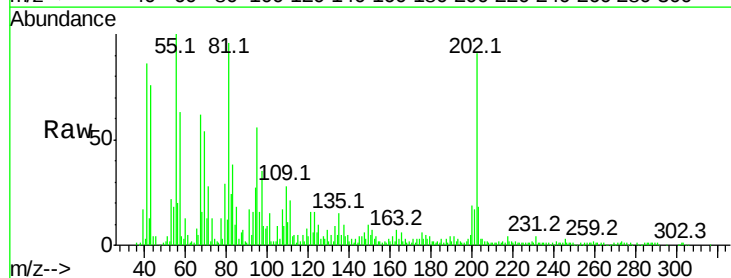
RT: 12.69 min Scan# 928

Delta R.T. 0.00 min

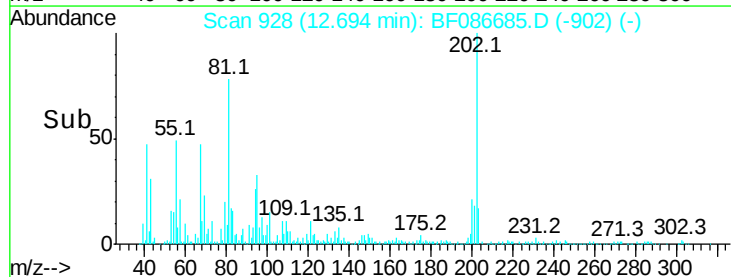
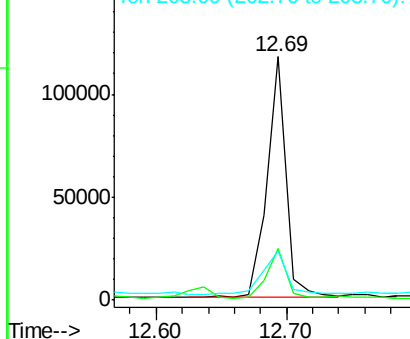
Lab File: BF086685.D

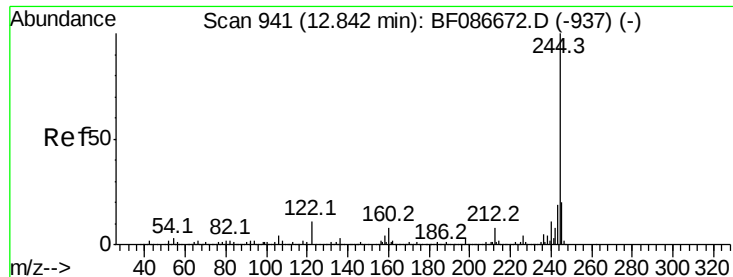
Acq: 4 May 2016 19:14

Tgt Ion:	202	Resp:	117366
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.7	26.5
203	20.0	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 50.18 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Instrument :

BNA_F

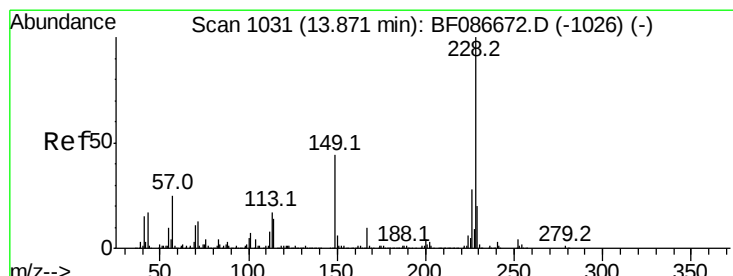
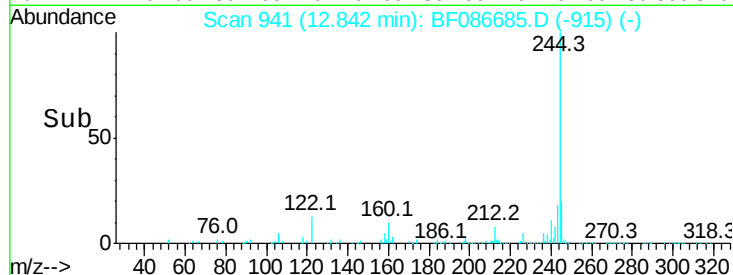
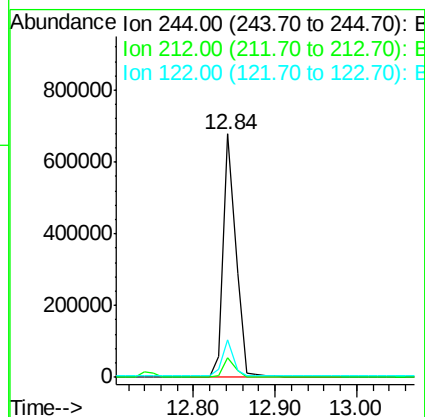
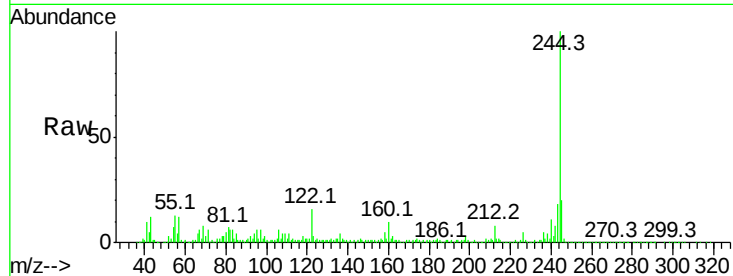
ClientSampleId :

C-CC-01A

Tot Ion:	244	Resp:	727094
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.2	9.2
122	15.5	12.0	18.0

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#80

Benzo(a)anthracene

Concen: 2.99 ng

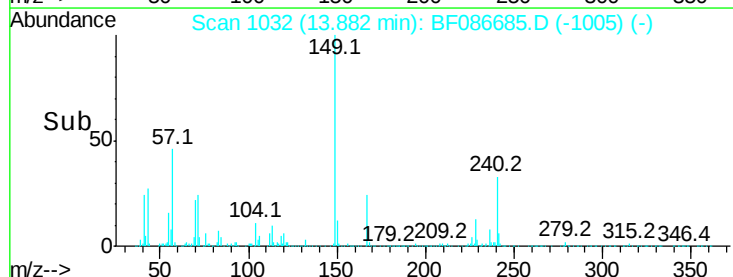
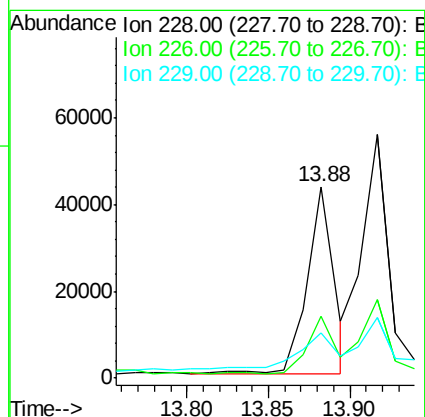
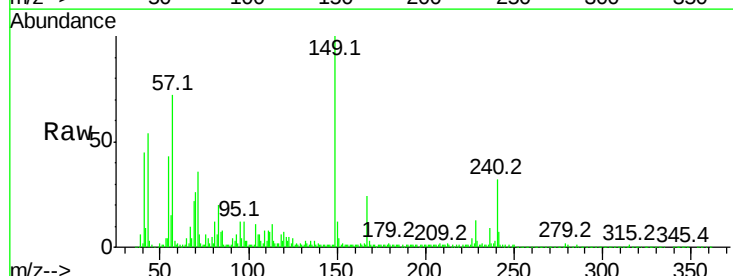
RT: 13.88 min Scan# 1032

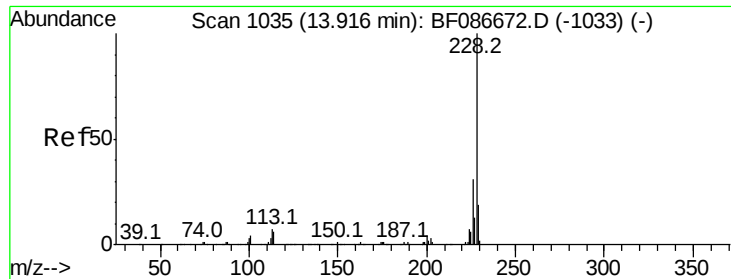
Delta R.T. 0.01 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Tgt Ion:	228	Resp:	49453
Ion Ratio	Lower	Upper	
228	100		
226	32.1	22.5	33.7
229	23.9	16.6	25.0





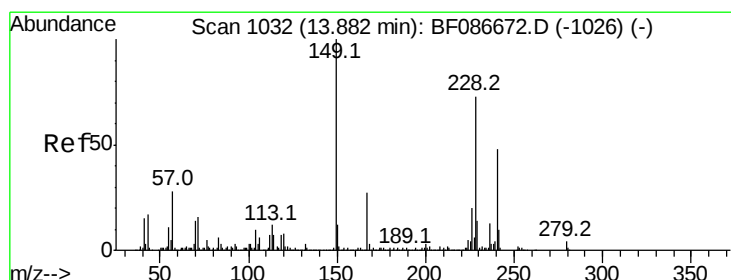
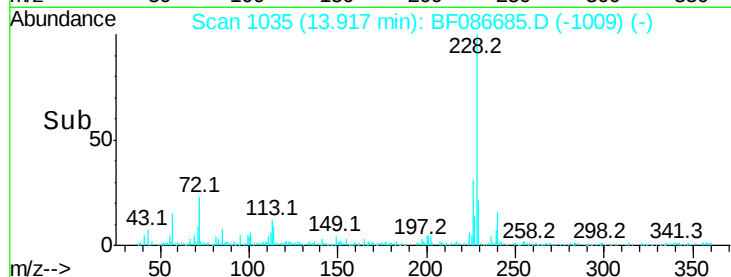
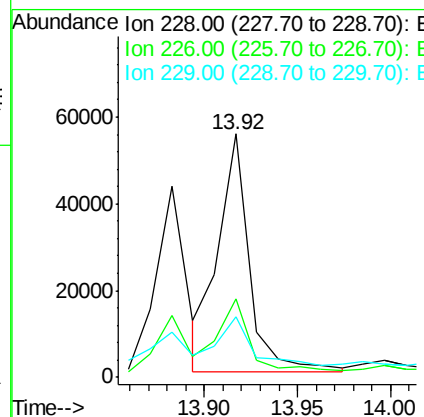
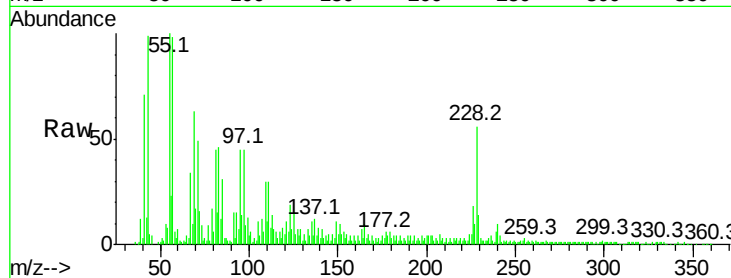
#82
Chrysene
Concen: 3.63 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Instrument :
BNA_F
ClientSampleId :
C-CC-01A

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.4	36.6
229	24.7	15.8	23.8

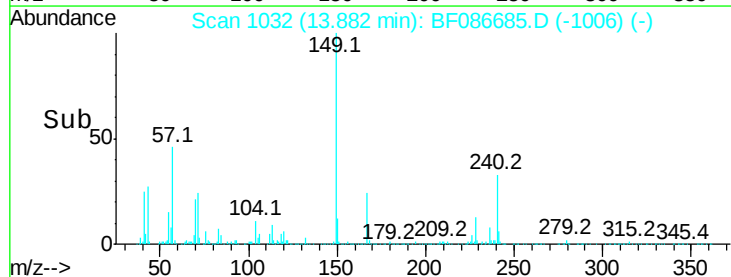
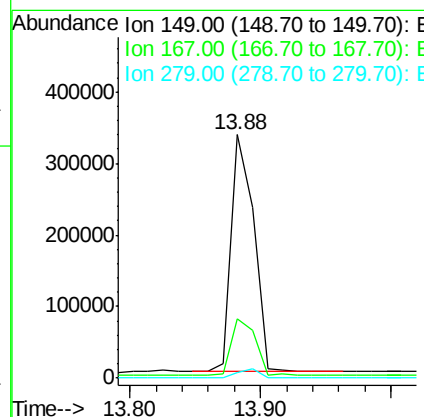
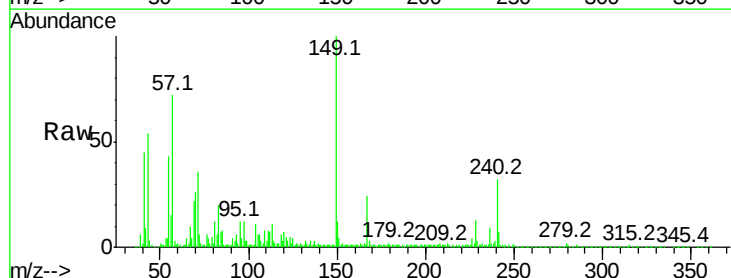
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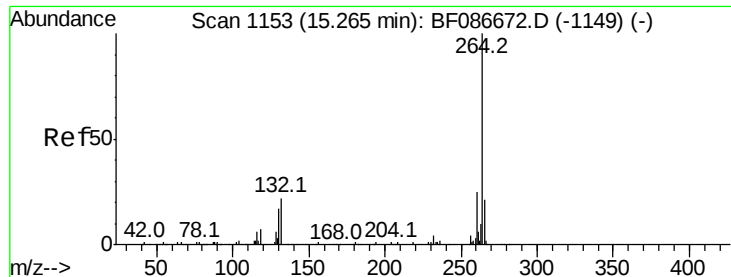
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#83
Bis(2-ethylhexyl)phthalate
Concen: 35.16 ng
RT: 13.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF086685.D
Acq: 4 May 2016 19:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.8	32.6
279	2.1	2.6	4.0





#86

Pervlene-d12

Concen: 40.00 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.02 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Instrument :

BNA_F

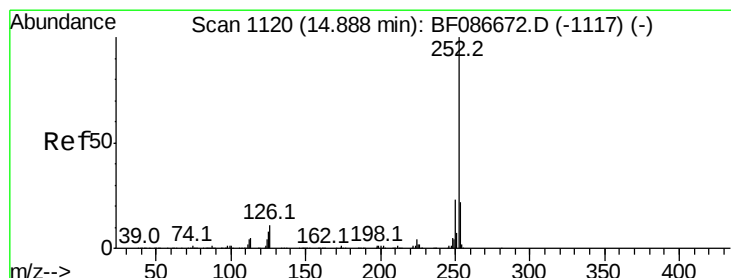
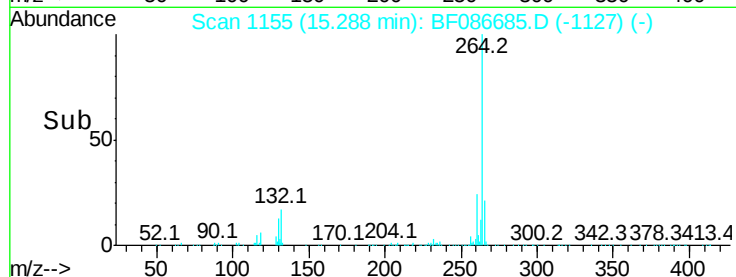
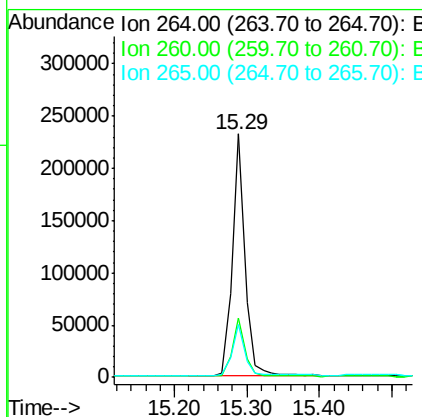
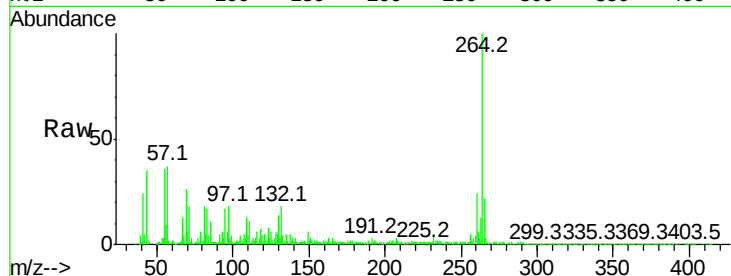
ClientSampleId :

C-CC-01A

Tot Ion:	264	Resp:	283733
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.6	17.3	25.9

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#87

Benzo(b)fluoranthene

Concen: 3.32 ng m

RT: 14.90 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF086685.D

Acq: 4 May 2016 19:14

Tgt Ion:	252	Resp:	56646
Ion Ratio	Lower	Upper	
252	100		
253	27.7	17.8	26.6#
125	59.8	11.4	17.0#

