

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113170.D
 Acq On : 20 Mar 2019 14:45
 Operator : JU/SJ
 Sample : K1994-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 40021

Manual Integrations
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Sohil
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Quant Time: Mar 22 03:54:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138964	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	306380	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	167565	20.00	ng	0.02
64) Phenanthrene-d10	11.27	188	339784	20.00	ng	0.04
76) Chrysene-d12	13.87	240	388248	20.00	ng	0.00
87) Perylene-d12	15.28	264	356115	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	741669	83.02	ng	0.00
7) Phenol-d6	6.37	99	992662	88.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	648489	126.65	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	215830	121.33	ng	0.03
45) 2-Fluorobiphenyl	9.10	172	883570	88.26	ng	0.01
79) Terphenyl-d14	12.83	244	1036436	51.75	ng	0.01
Target Compounds						
37) 2-Methylnaphthalene	8.73	142	365076	37.165	ng	Qvalue # 95
38) 1-Methylnaphthalene	8.83	142	227869	23.947	ng	# 95
46) 1,1'-Biphenyl	9.19	154	106693	7.806	ng	97
50) Dimethylphthalate	9.49	163	85607	6.929	ng	# 75
58) Fluorene	10.33	166	62368m	5.707	ng	
71) Phenanthrene	11.29	178	148312	8.773	ng	# 73
78) Pyrene	12.69	202	164727	5.033	ng	95
84) Bis(2-ethylhexyl)phthalate	13.86	149	80288	4.738	ng	97

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

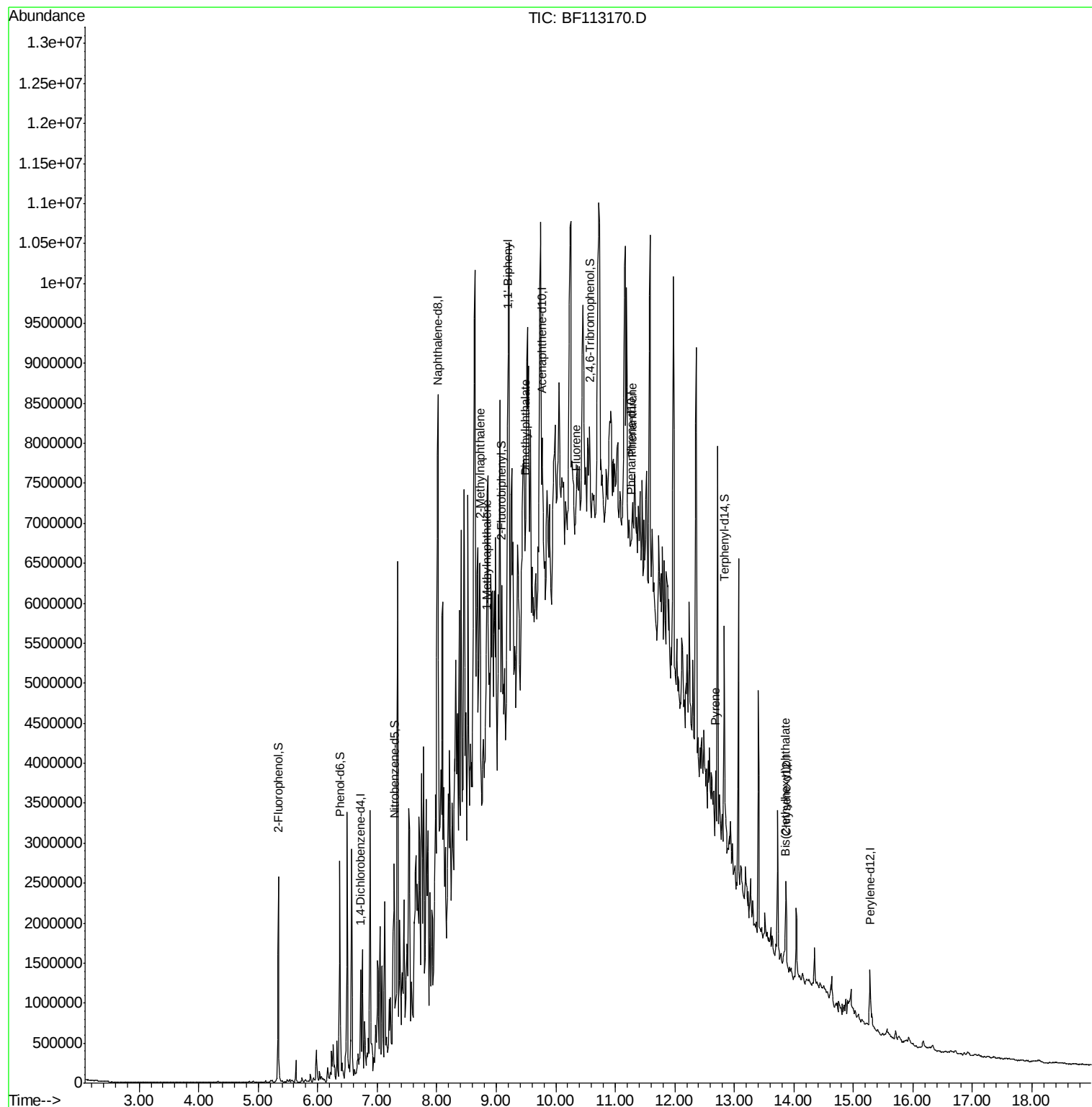
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113170.D
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Operator : JU/SJ
Sample : K1994-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

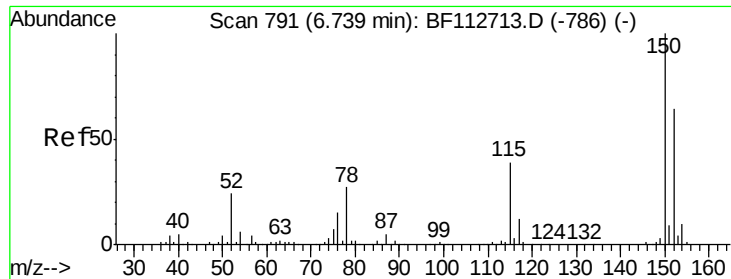
Instrument :
BNA_F
ClientSampleId :
40021

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#1

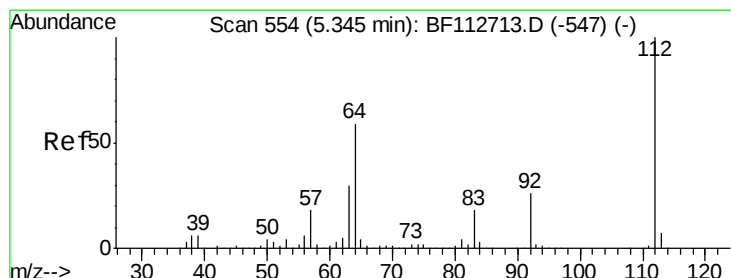
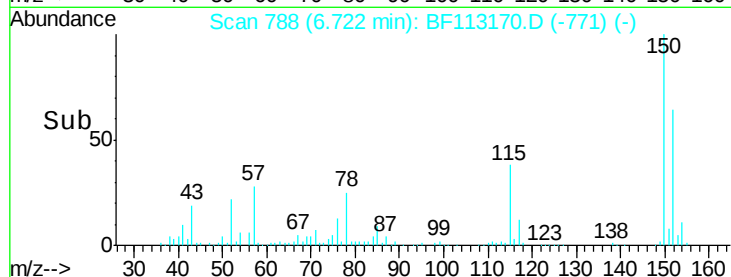
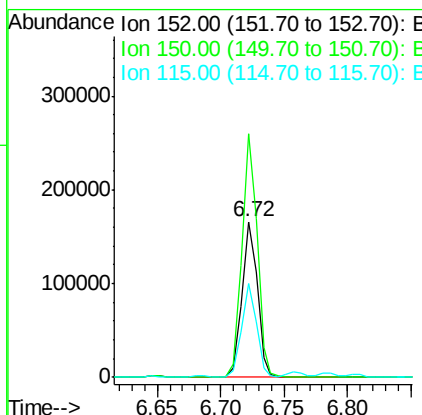
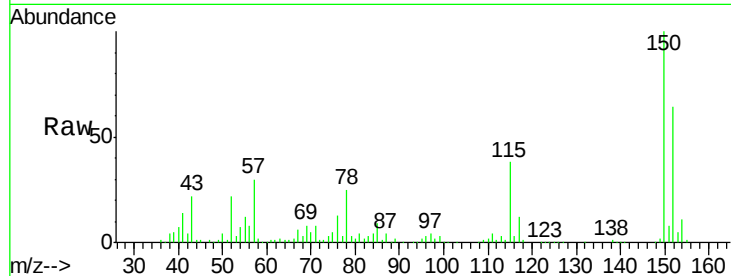
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampleId :
40021

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	138964		
150	156.3	123.0	184.6	
115	60.0	45.9	68.9	

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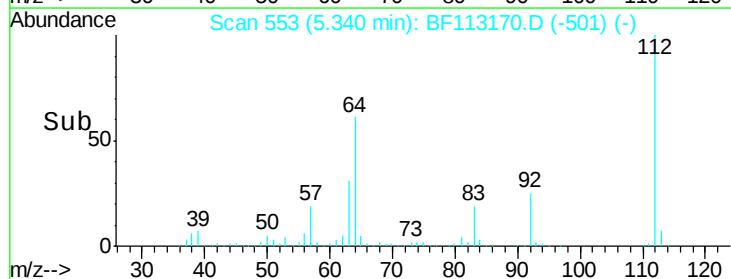
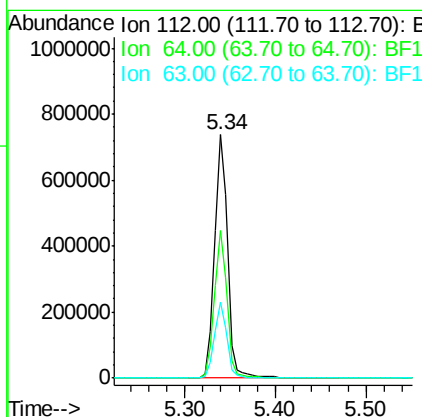
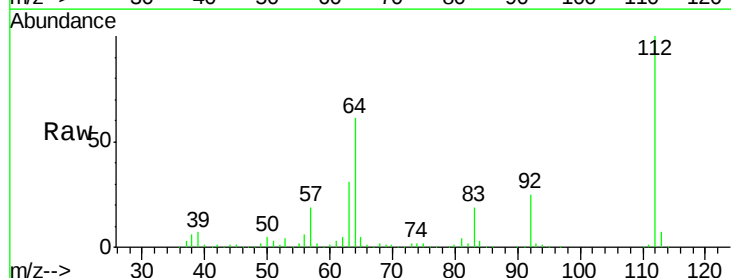
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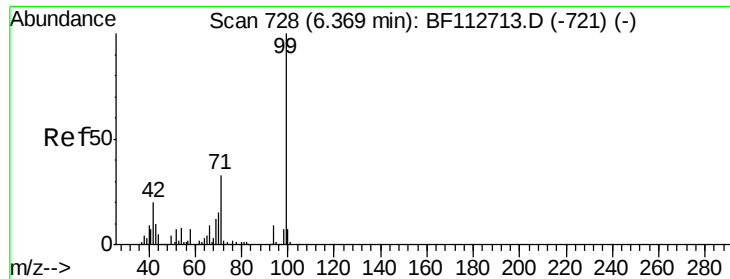


#5

2-Fluorophenol
Concen: 83.021 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	741669		
64	60.8	49.3	73.9	
63	30.9	25.4	38.2	





#7

Phenol-d6

Concen: 88.458 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113170.D

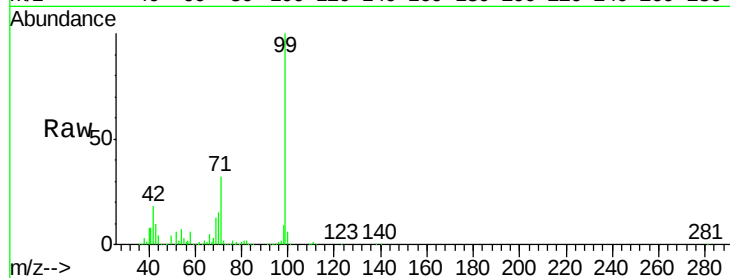
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Instrument :

BNA_F

ClientSampleId :

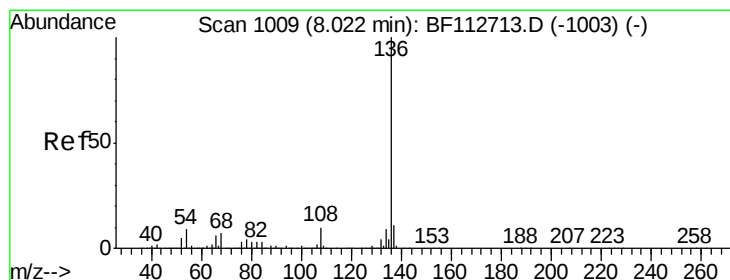
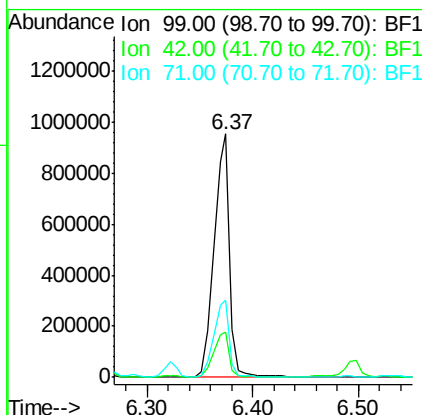
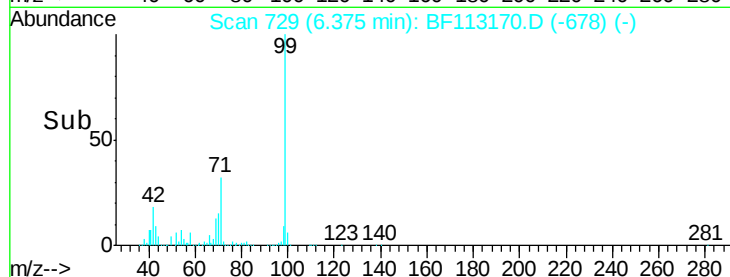
40021



Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.2	22.8
71	31.9	25.7	38.5

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#21

Naphthalene-d8

Concen: 20.000 ng

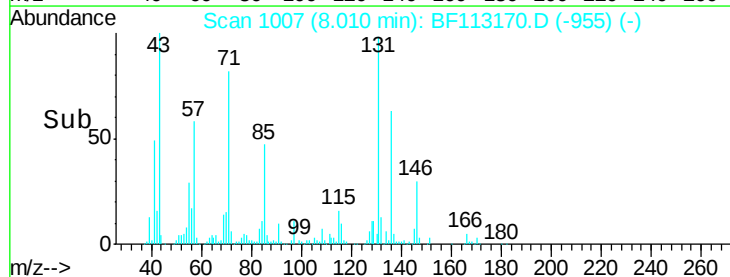
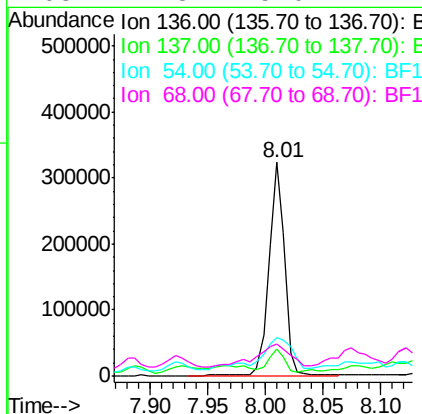
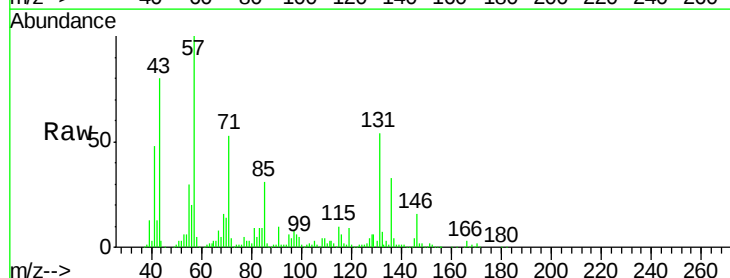
RT: 8.01 min Scan# 1007

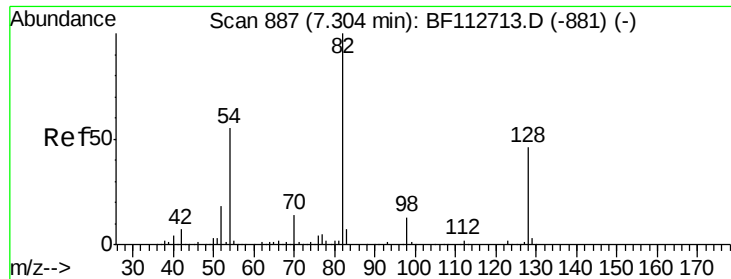
Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	18.3	7.0	10.6#
68	14.8	5.0	7.4#





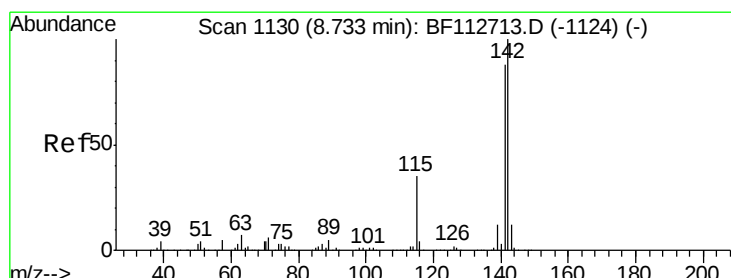
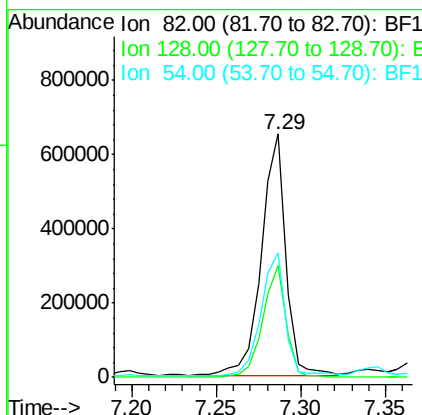
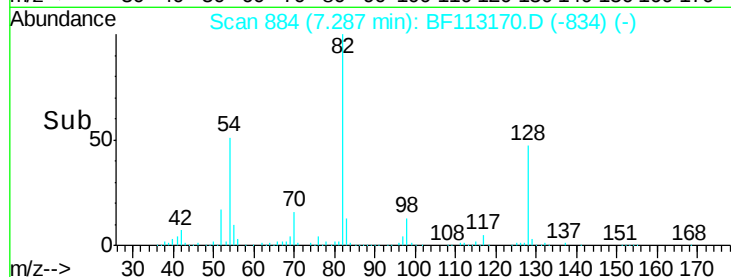
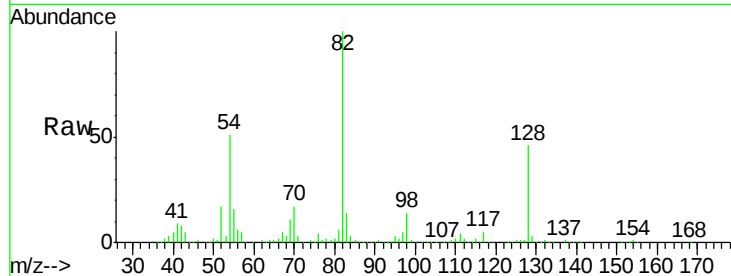
#23
Nitrobenzene-d5
Concen: 126.654 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampled :
40021

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	648489		
128	45.9	37.9	56.9	
54	51.2	41.2	61.8	

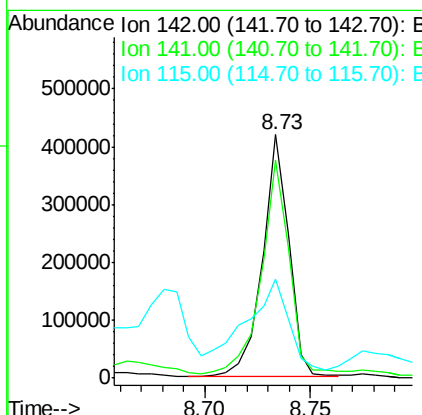
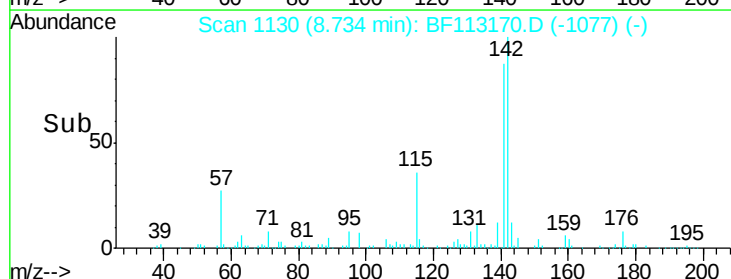
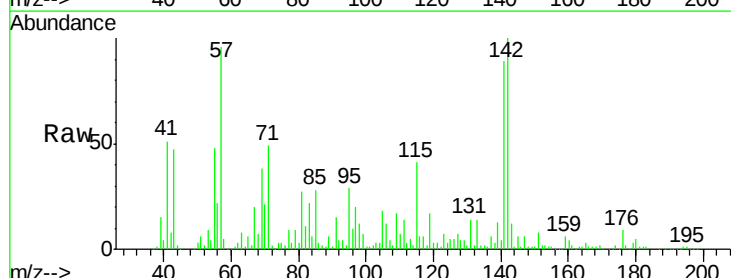
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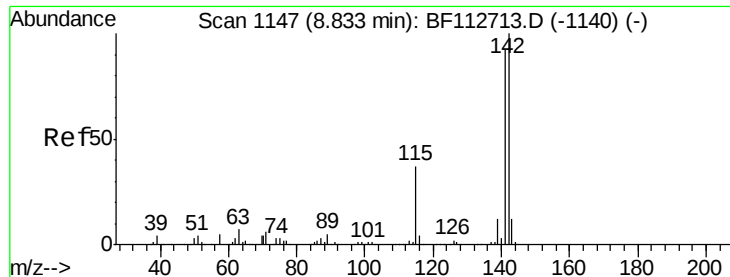
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#37
2-Methylnaphthalene
Concen: 37.165 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	365076		
141	89.3	70.5	105.7	
115	40.6	26.3	39.5#	





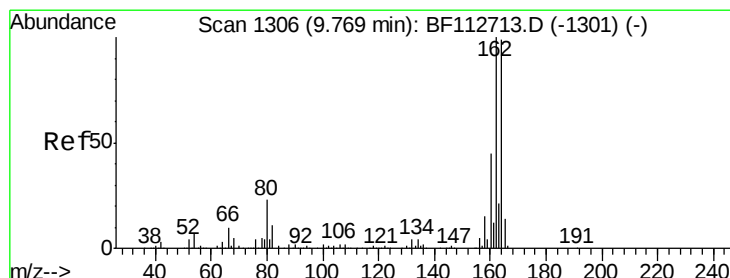
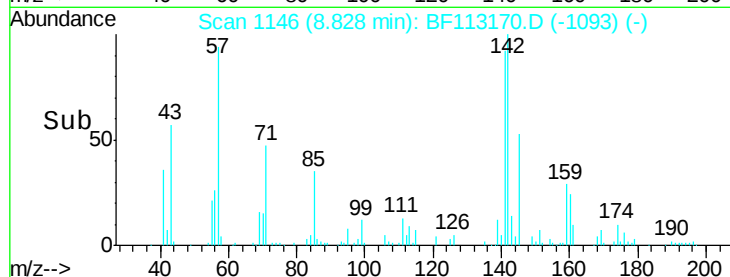
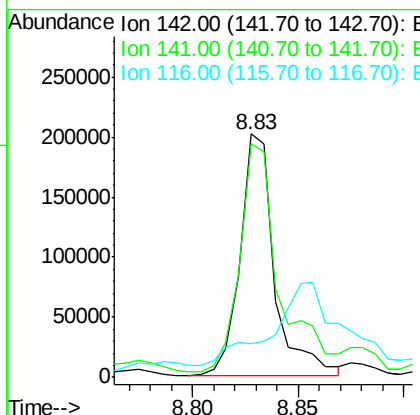
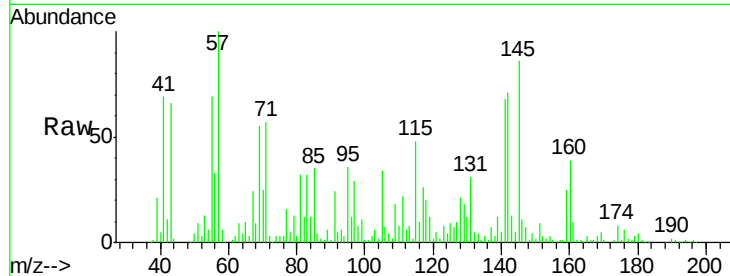
#38
1-Methylnaphthalene
Concen: 23.947 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampled :
40021

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	227869		
141	96.0	73.5	110.3	
116	13.9	3.0	4.6#	

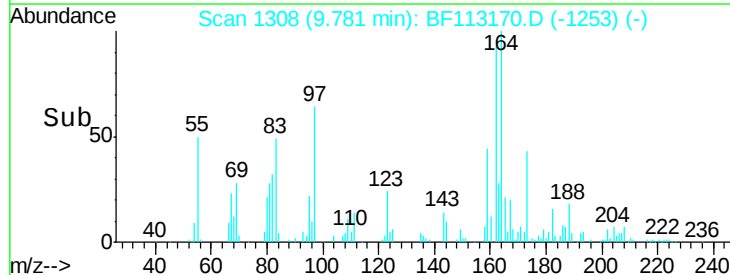
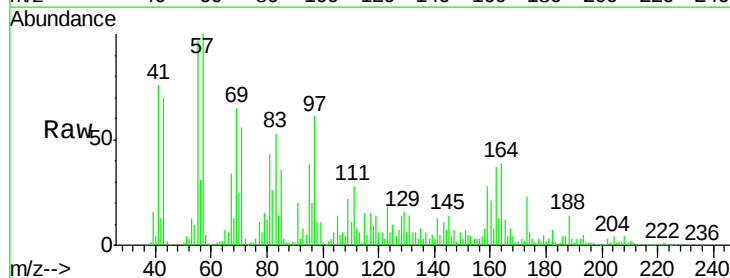
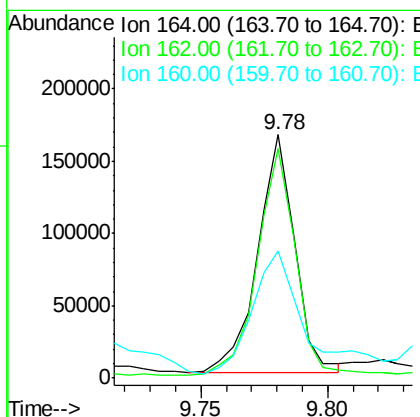
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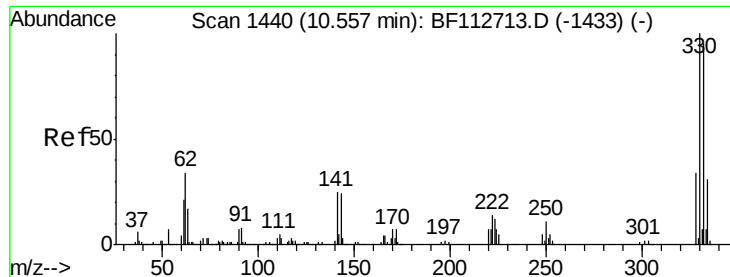
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167565		
162	94.1	80.8	121.2	
160	52.3	36.2	54.2	





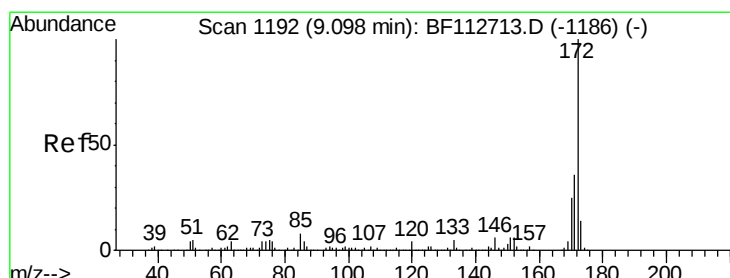
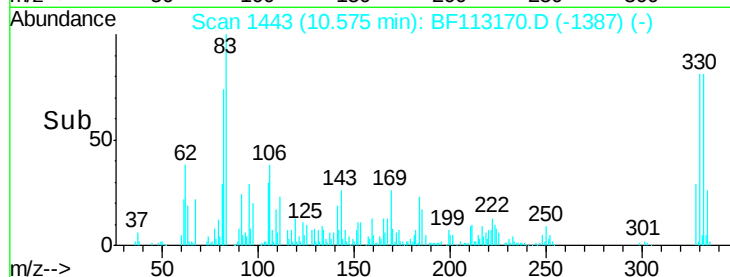
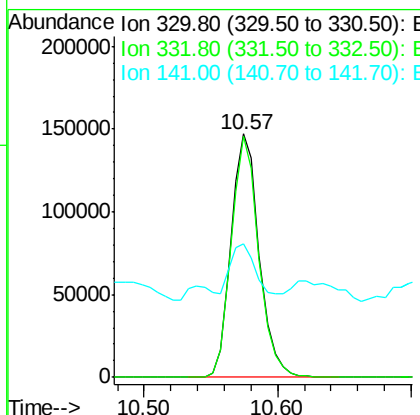
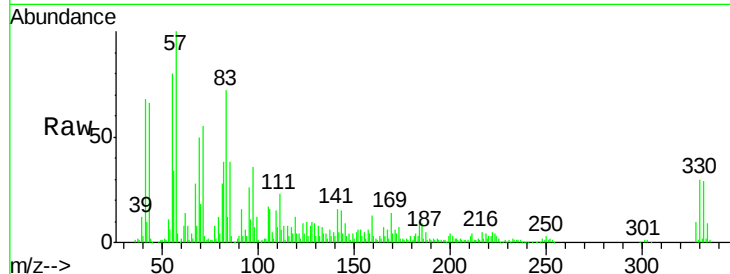
#42
 2,4,6-Tribromophenol
 Concen: 121.327 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.03 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Instrument :
 BNA_F
 ClientSampled :
 40021

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	215830		
332	96.9	76.3	114.5	
141	24.4	22.3	33.5	

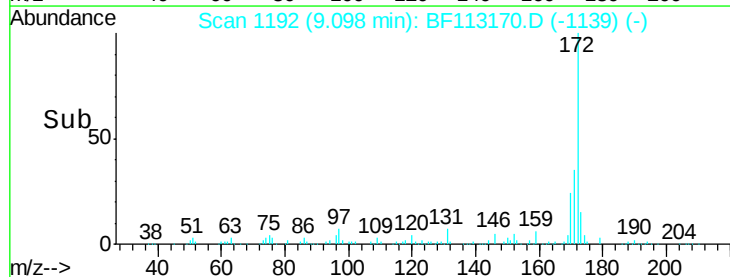
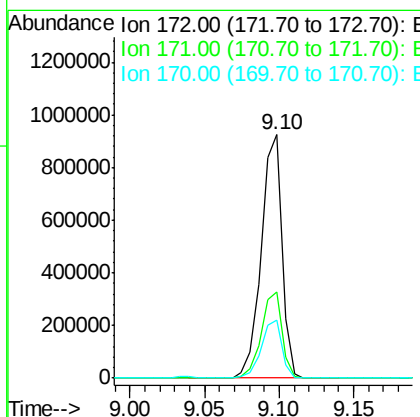
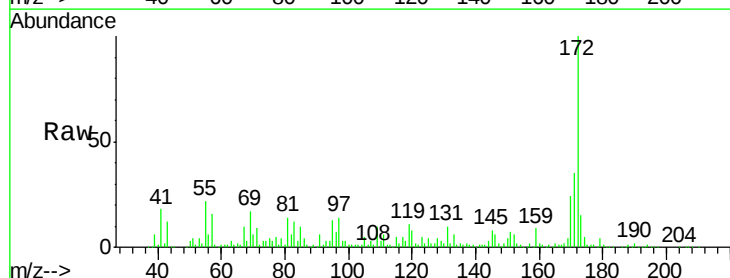
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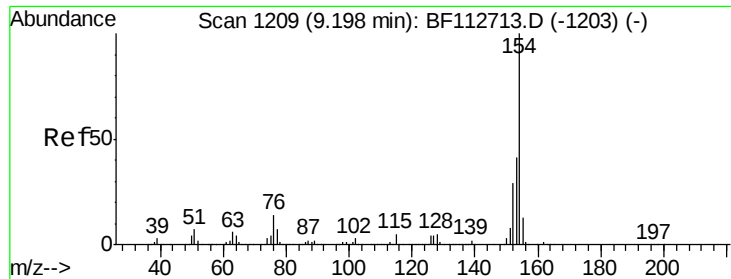
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#45
 2-Fluorobiphenyl
 Concen: 88.261 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	883570		
171	35.2	29.0	43.4	
170	24.0	20.1	30.1	





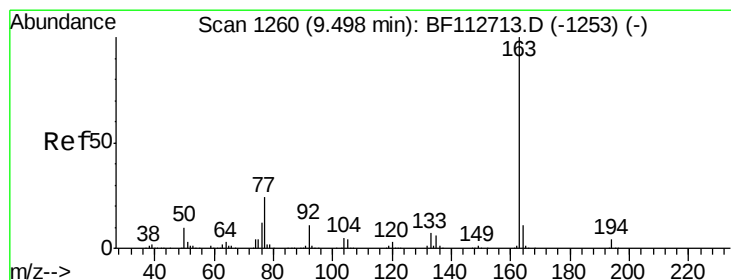
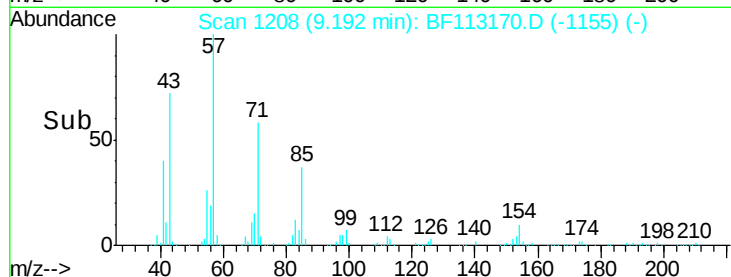
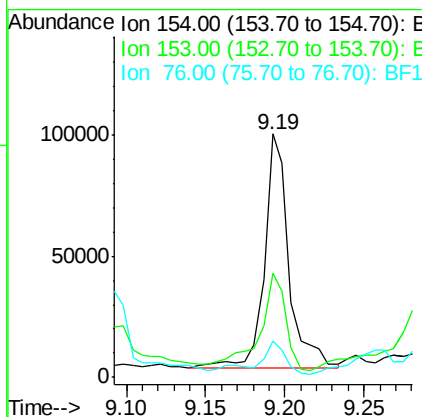
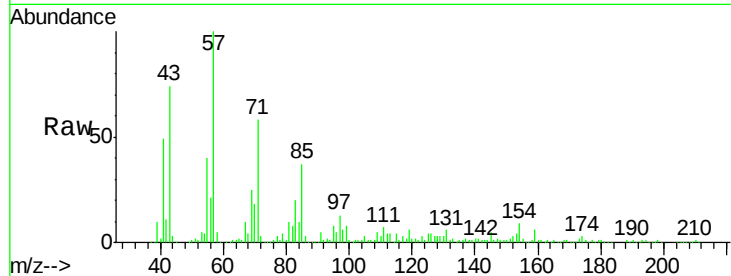
#46
 1,1'-Biphenyl
 Concen: 7.806 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Instrument :
 BNA_F
 ClientSampled :
 40021

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	42.7	20.9	60.9
76	14.7	0.0	33.5

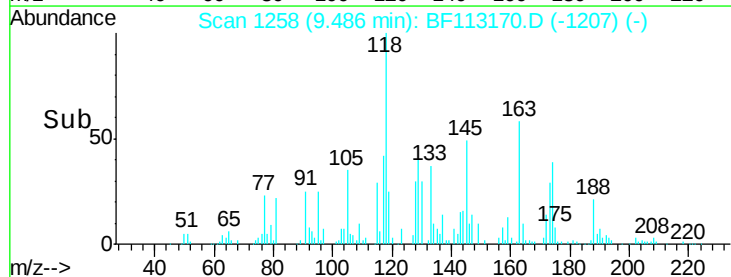
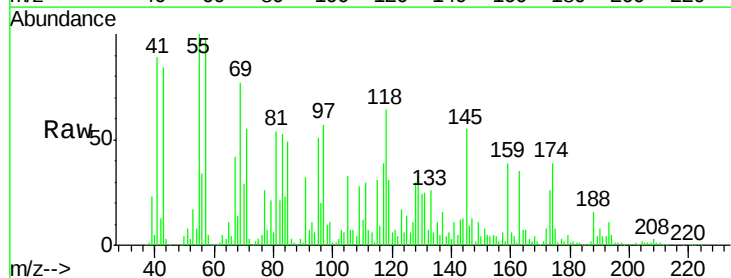
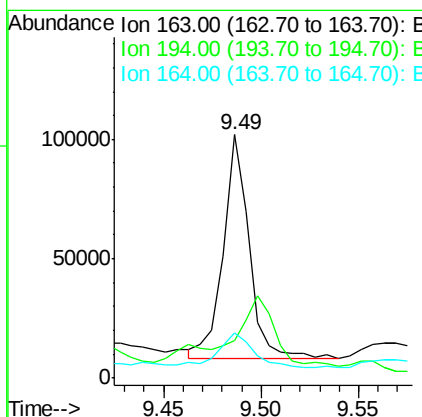
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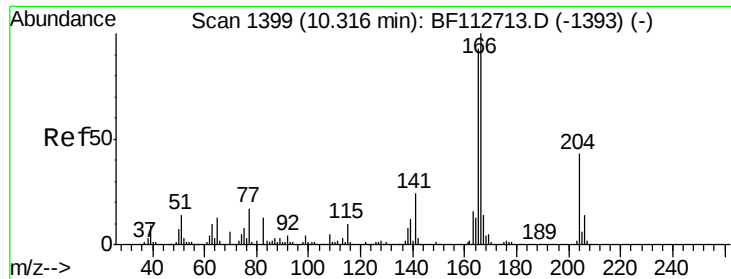
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#50
 Dimethylphthalate
 Concen: 6.929 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	15.6	3.3	4.9#
164	18.8	8.6	12.8#





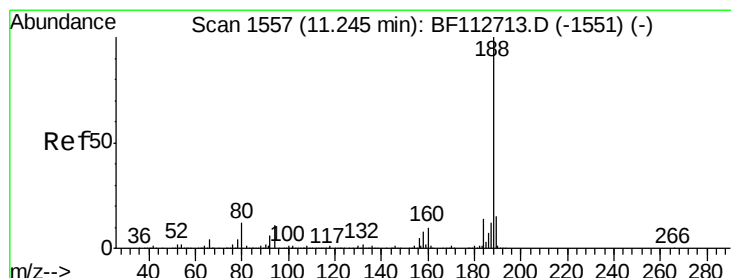
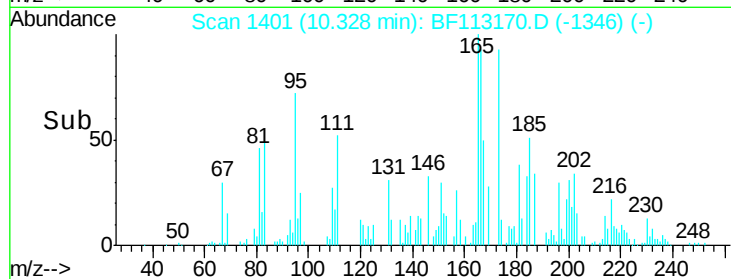
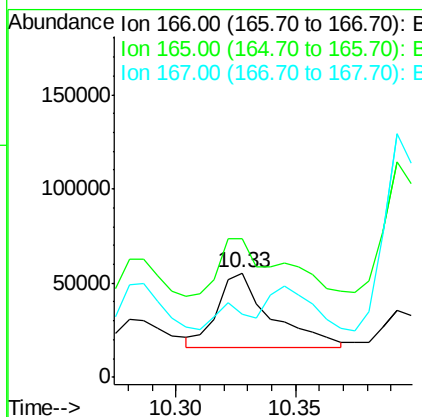
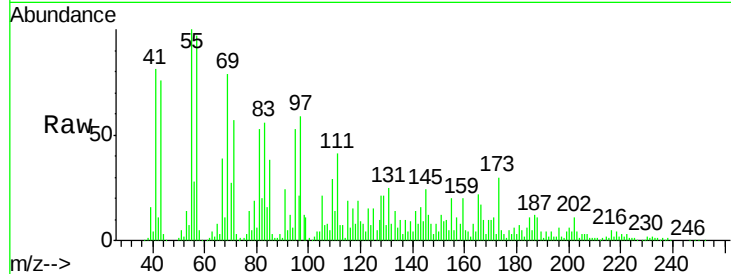
#58
Fluorene
Concen: 5.707 ng m
RT: 10.33 min Scan# 1401
Delta R.T. 0.02 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Instrument :
BNA_F
ClientSampled :
40021

Tgt Ion:166 Resp: 62368
Ion Ratio Lower Upper
166 100
165 132.7 75.4 113.2#
167 60.7 11.0 16.6#

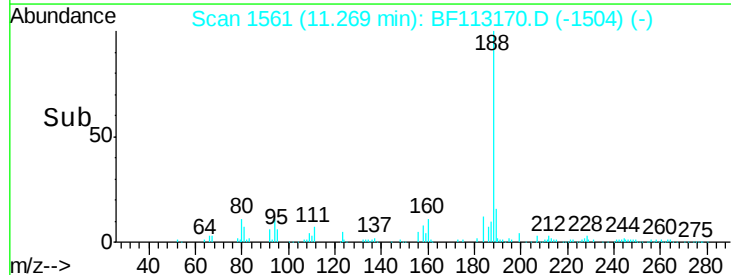
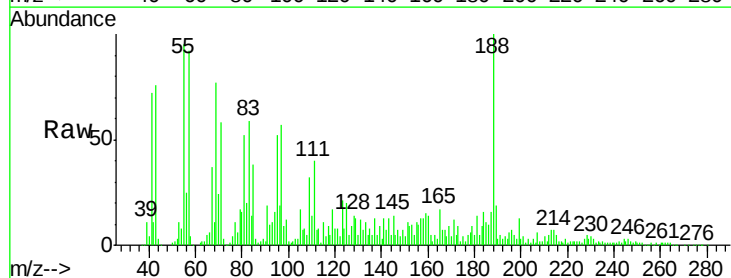
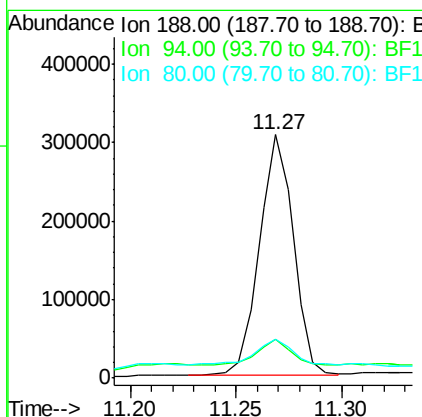
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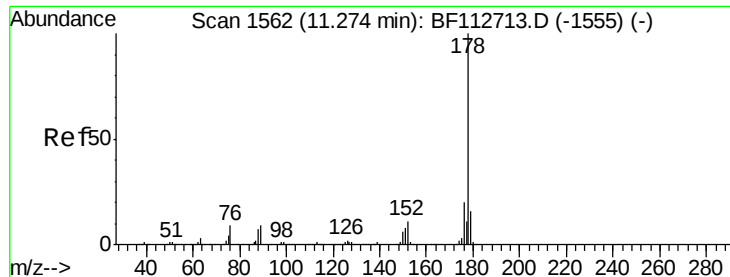
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3/25/2019 4:13:11 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.04 min
Lab File: BF113170.D
Acq: 20 Mar 2019 14:45

Tgt Ion:188 Resp: 339784
Ion Ratio Lower Upper
188 100
94 15.9 7.4 11.2#
80 16.0 7.9 11.9#





#71

Phenanthrene

Concen: 8.773 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.03 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

BNA_F

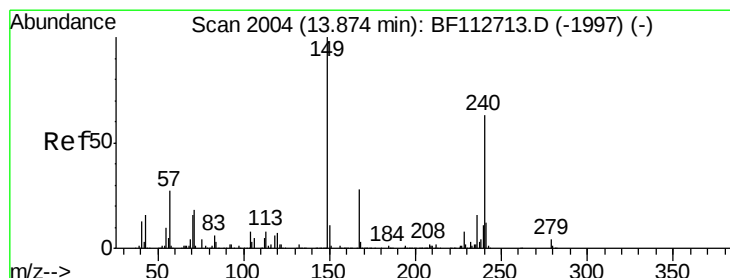
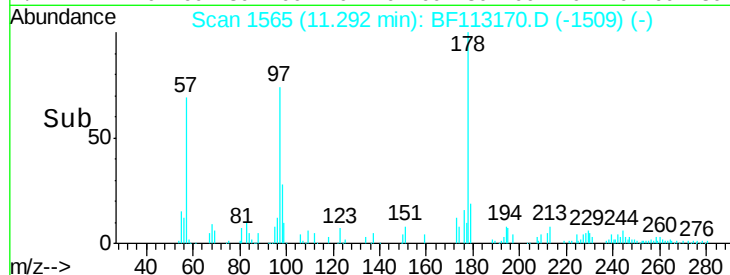
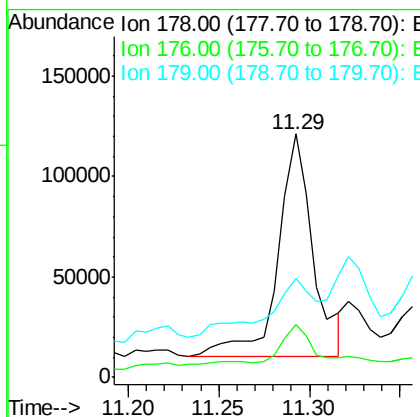
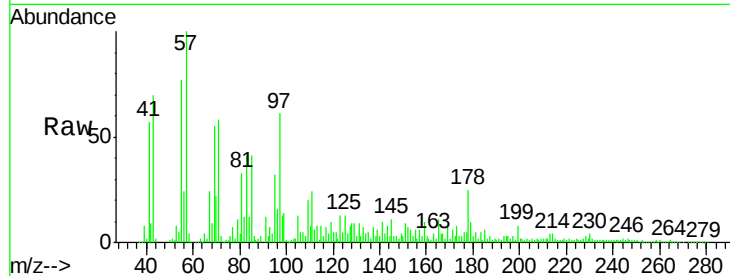
ClientSampleId :

40021

Tgt Ion:	178	Resp:	148312
Ion Ratio	Lower	Upper	
178	100		
176	21.5	16.2	24.4
179	40.5	13.0	19.4#

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#76

Chrysene-d12

Concen: 20.000 ng

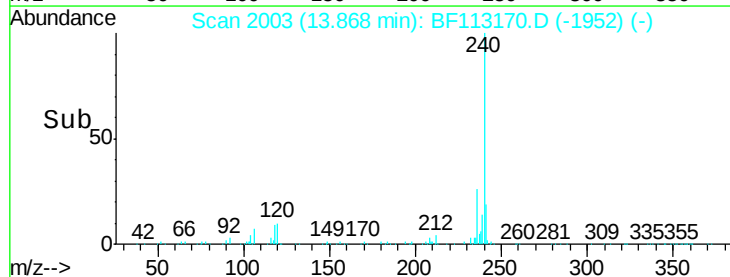
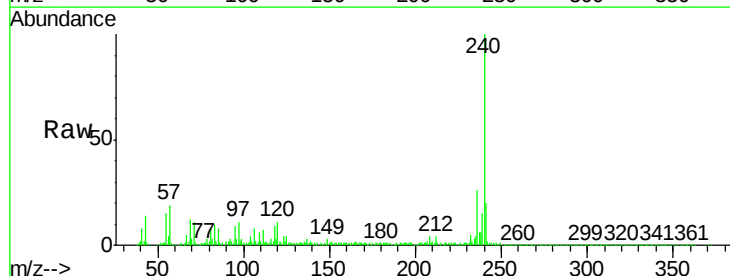
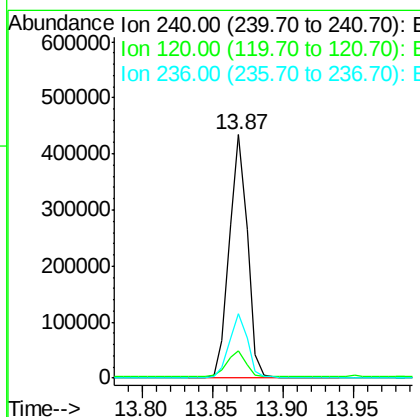
RT: 13.87 min Scan# 2003

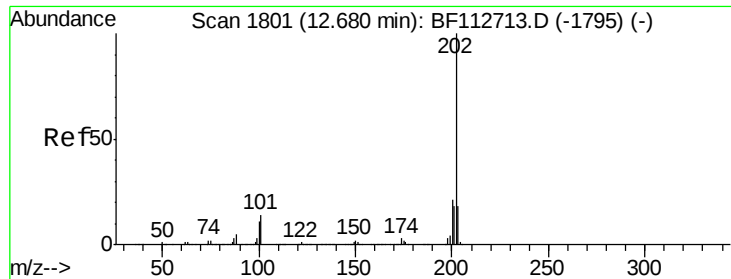
Delta R.T. -0.00 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Tgt Ion:	240	Resp:	388248
Ion Ratio	Lower	Upper	
240	100		
120	11.0	8.6	12.8
236	26.4	21.2	31.8





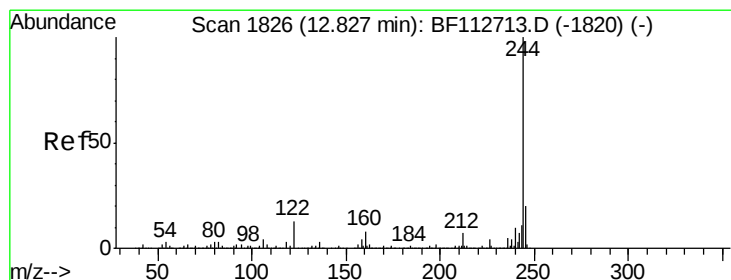
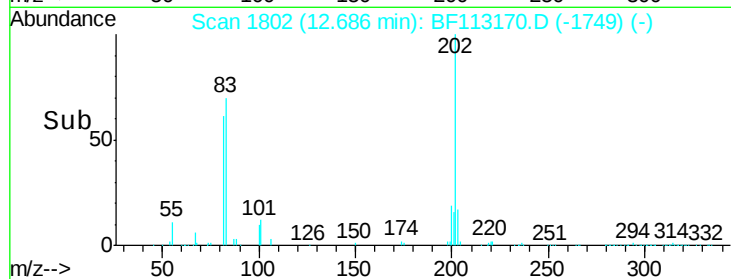
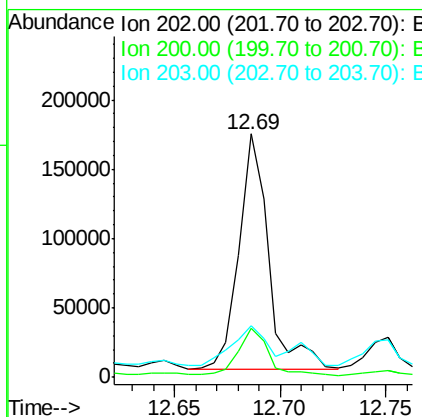
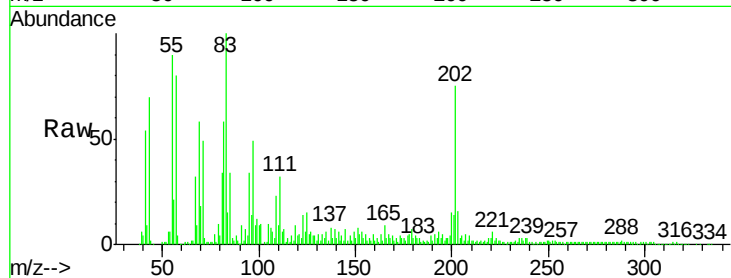
#78
 Pyrene
 Concen: 5.033 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Instrument :
 BNA_F
 ClientSampleId :
 40021

Tgt Ion:	202	Resp:	164727
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.1	25.7
203	21.4	14.6	21.8

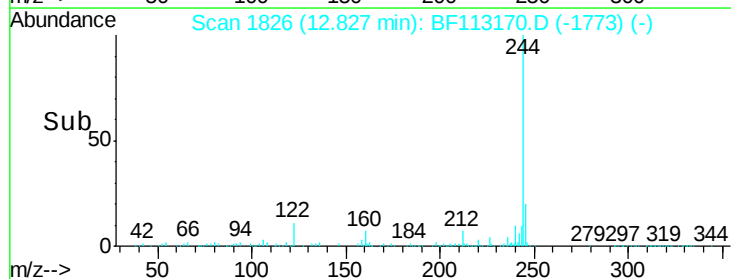
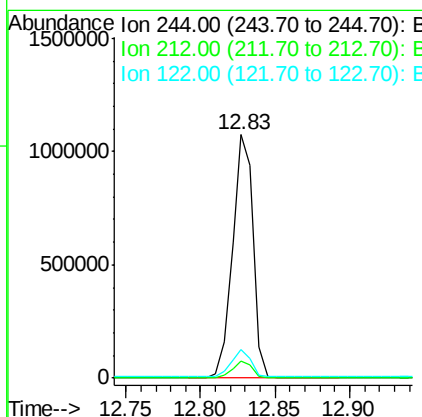
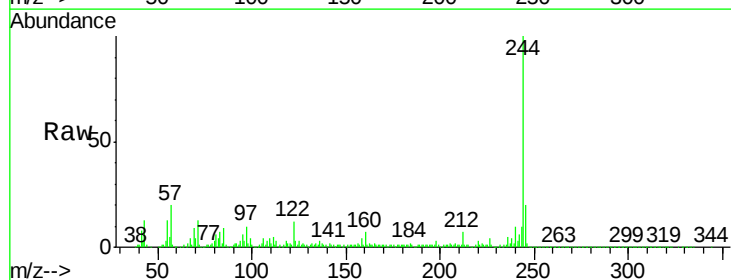
Manual Integrations
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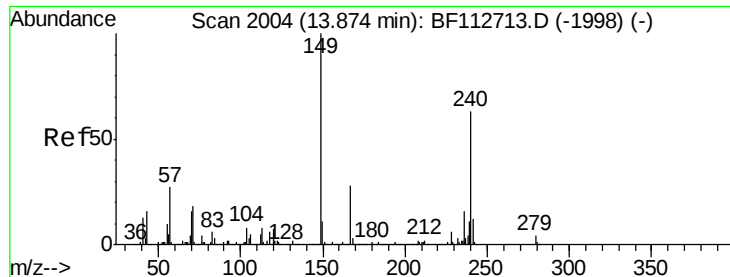
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#79
 Terphenyl-d14
 Concen: 51.749 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF113170.D
 Acq: 20 Mar 2019 14:45

Tgt Ion:	244	Resp:	1036436
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	11.7	9.4	14.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.738 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Instrument :

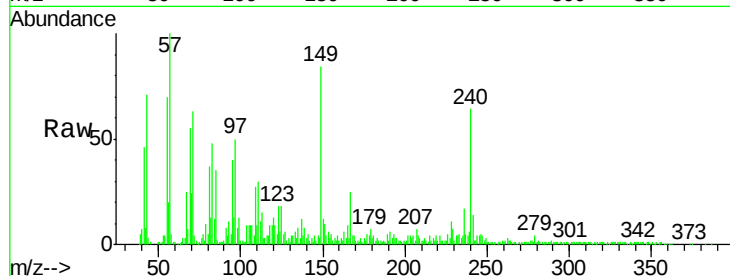
BNA_F

ClientSampleId :
40021

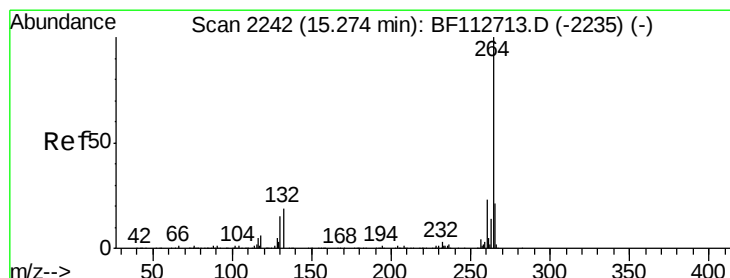
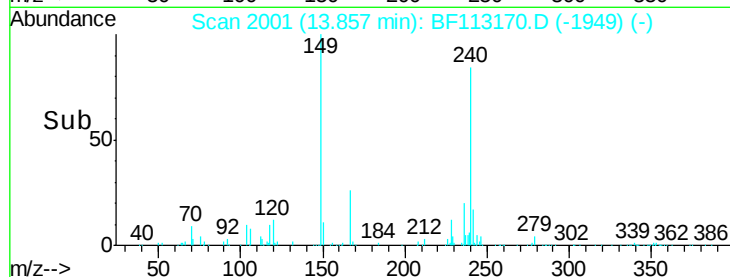
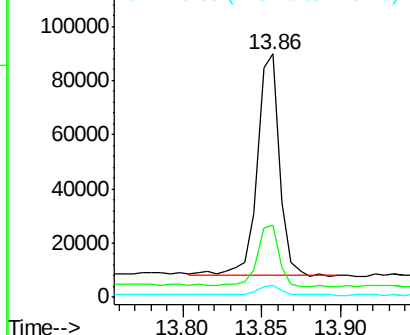
Tgt Ion:	149	Resp:	80288
Ion Ratio	Lower	Upper	
149	100		
167	29.5	22.3	33.5
279	4.8	3.3	4.9

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

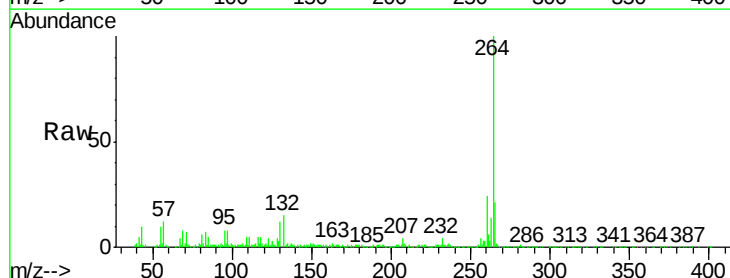
RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113170.D

Acq: 20 Mar 2019 14:45

Tgt Ion:	264	Resp:	356115
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.1	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

