

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113179.D
 Acq On : 20 Mar 2019 19:01
 Operator : JU/SJ
 Sample : K1994-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30200-05

Manual Integrations
 APPROVED

Sohil
 3/25/2019 4:13:14 PM

Quant Time: Mar 22 09:47:57 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	6.73	152	107274	20.00	ng	0.01
21) Naphthalene-d8	8.02	136	211566	20.00	ng	0.02
39) Acenaphthene-d10	9.79	164	155425	20.00	ng	0.04
64) Phenanthrene-d10	11.27	188	317706	20.00	ng	0.04
76) Chrysene-d12	13.87	240	352331	20.00	ng	0.00
87) Perylene-d12	15.28	264	285543	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	140646	20.39	ng	0.00
7) Phenol-d6	6.37	99	192260	22.19	ng	0.00
23) Nitrobenzene-d5	7.29	82	202846	57.37	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	33539	20.33	ng	0.03
45) 2-Fluorobiphenyl	9.10	172	196733	16.26	ng	0.02
79) Terphenyl-d14	12.83	244	219447	12.07	ng	0.02
Target Compounds						
37) 2-Methylnaphthalene	8.75	142	638387	94.113	ng	97
38) 1-Methylnaphthalene	8.85	142	366513	55.779	ng	# 97
46) 1,1'-Biphenyl	9.20	154	143000m	11.280	ng	
52) Acenaphthene	9.82	154	33803m	3.440	ng	
58) Fluorene	10.33	166	84016m	8.288	ng	
71) Phenanthrene	11.29	178	132347	8.373	ng	# 78
78) Pyrene	12.69	202	134245	4.520	ng	97

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

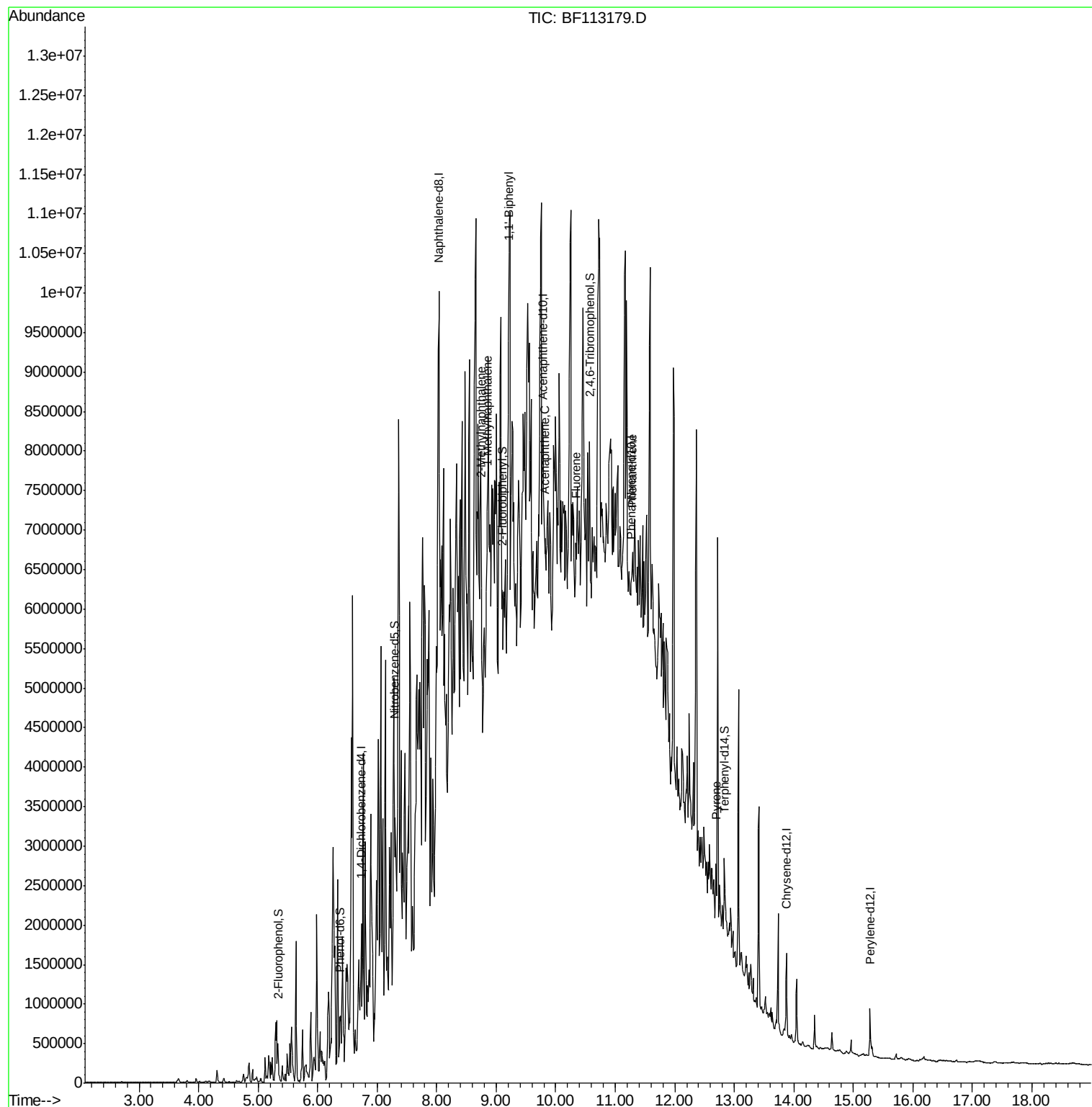
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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ALS Vial : 18 Sample Multiplier: 1

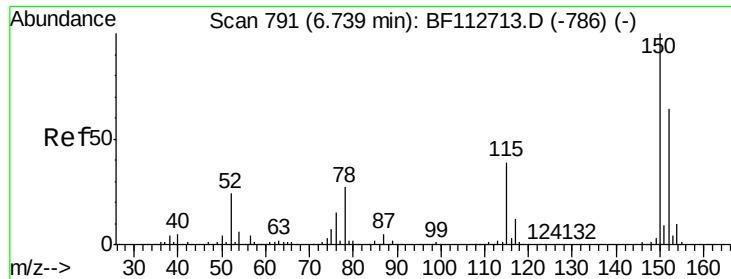
Instrument :
BNA_F
ClientSampleId :
30200-05

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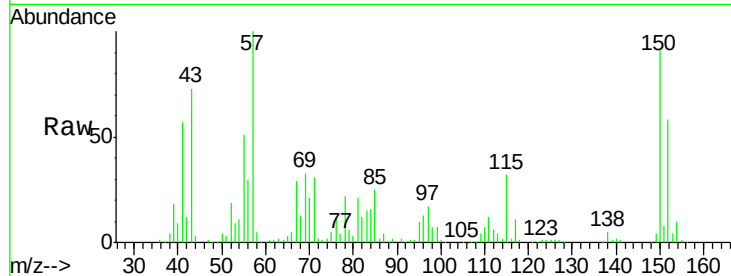




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

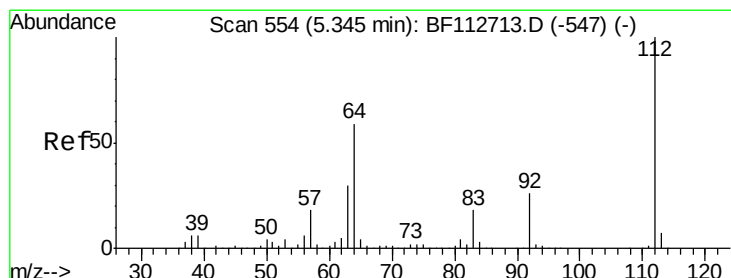
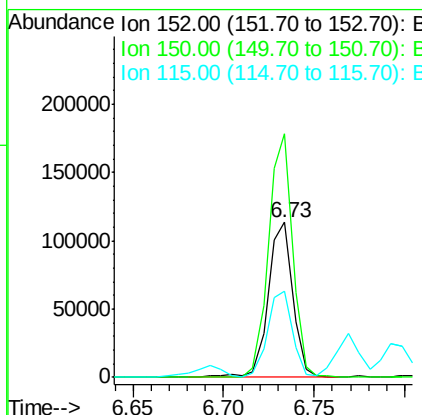
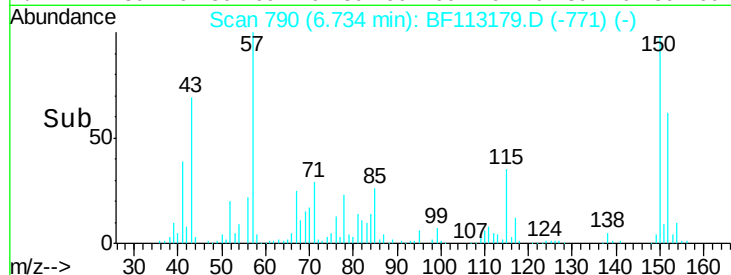
Instrument :
BNA_F
ClientSampled :
30200-05



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.0	184.6
115	55.9	45.9	68.9

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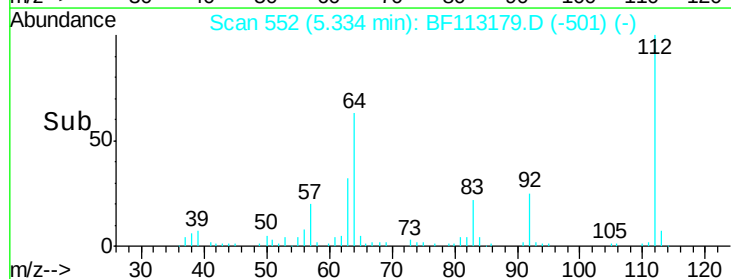
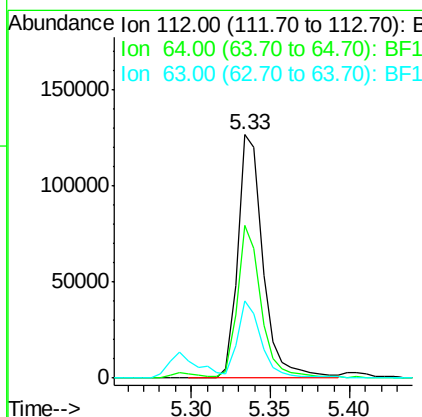
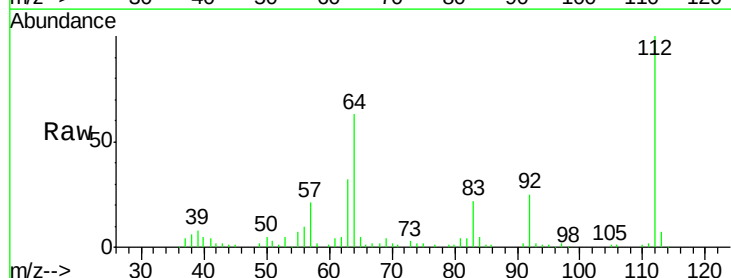
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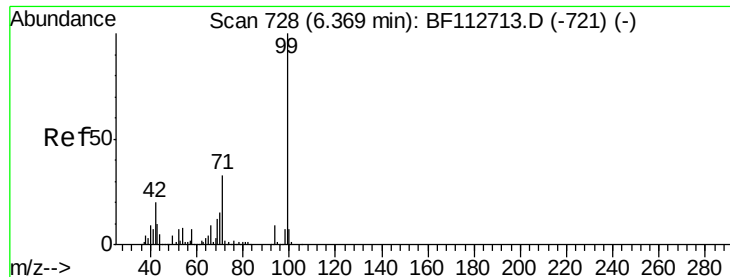


#5

2-Fluorophenol
Concen: 20.395 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	49.3	73.9
63	31.6	25.4	38.2





#7

Phenol-d6

Concen: 22.194 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

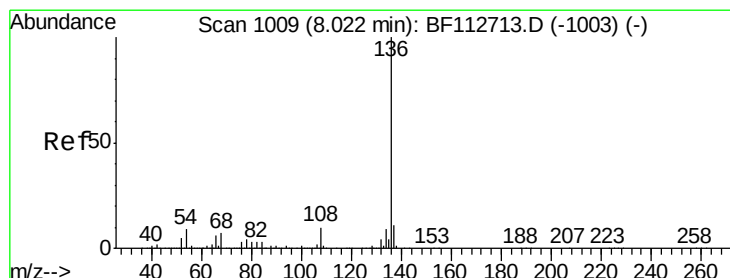
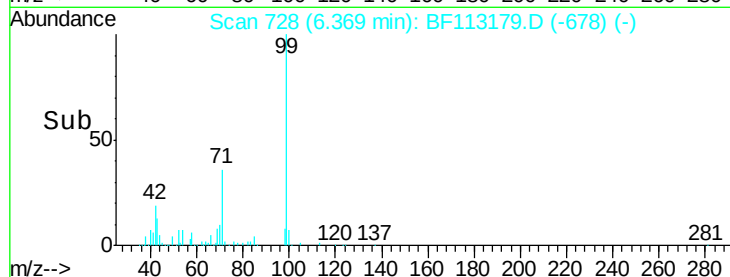
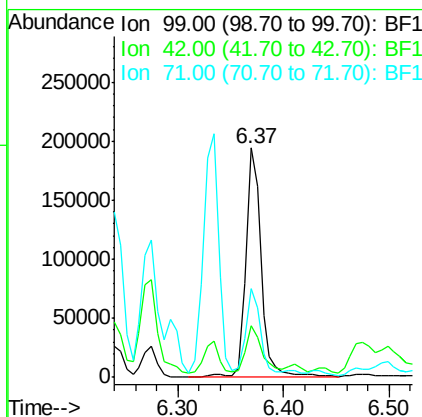
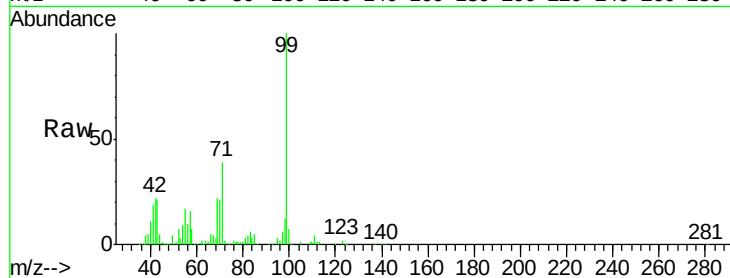
ClientSampled :

30200-05

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	192260		
42	22.3	15.2	22.8	
71	38.7	25.7	38.5#	

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#21

Naphthalene-d8

Concen: 20.000 ng

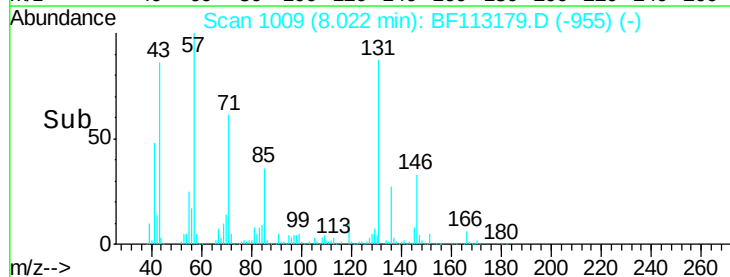
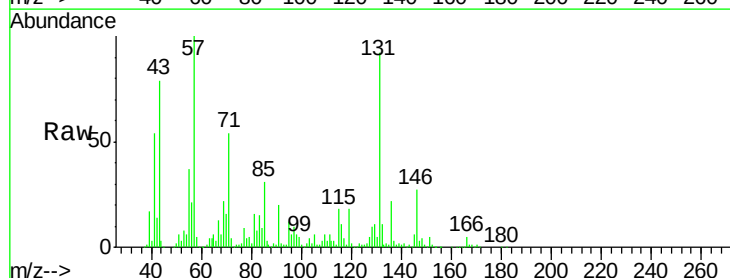
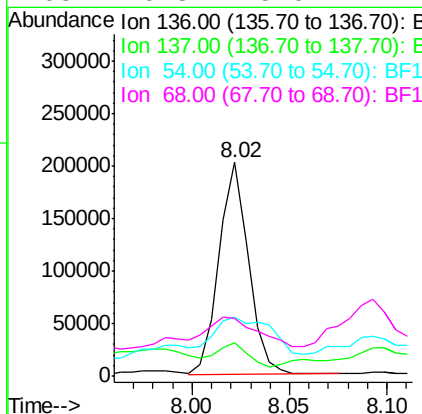
RT: 8.02 min Scan# 1009

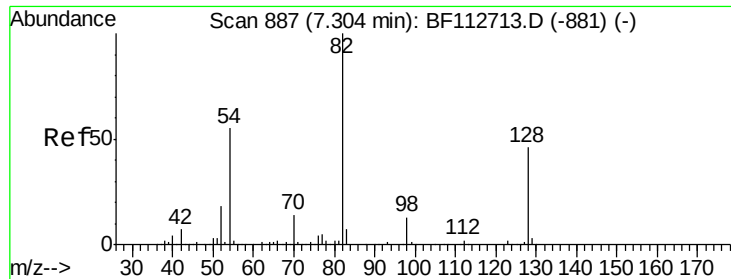
Delta R.T. 0.02 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	211566		
137	15.4	8.9	13.3#	
54	27.4	7.0	10.6#	
68	26.8	5.0	7.4#	





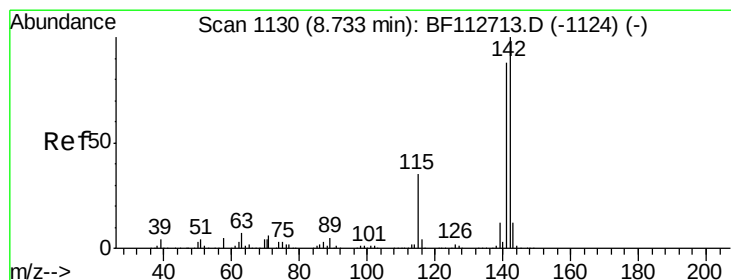
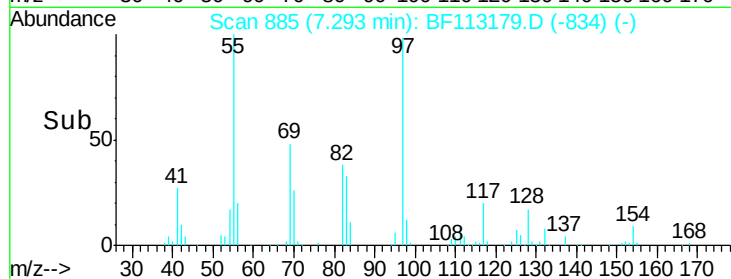
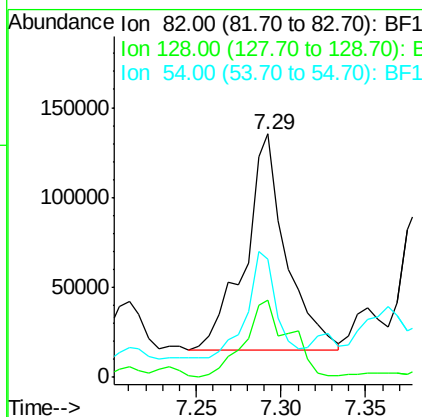
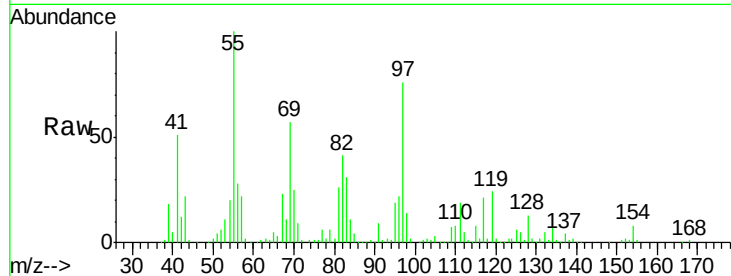
#23
 Nitrobenzene-d5
 Concen: 57.372 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Instrument :
 BNA_F
 ClientSampled :
 30200-05

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	202846		
128	31.5	37.9	56.9#	
54	48.5	41.2	61.8	

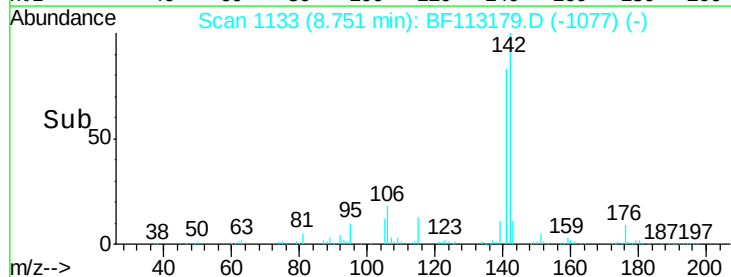
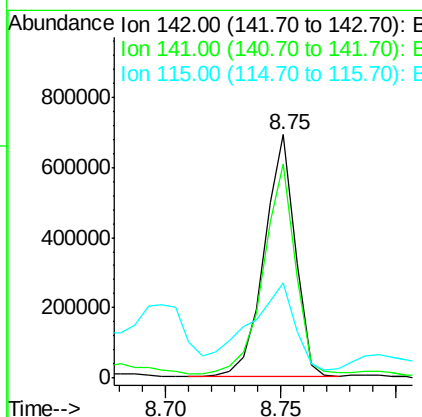
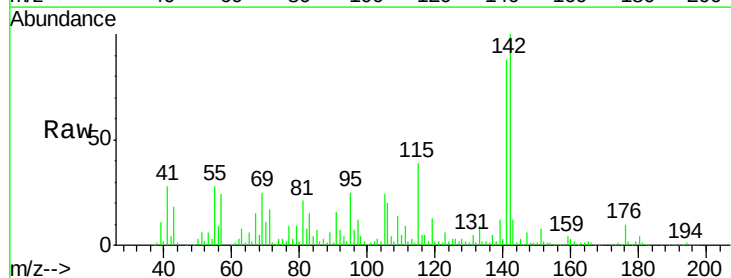
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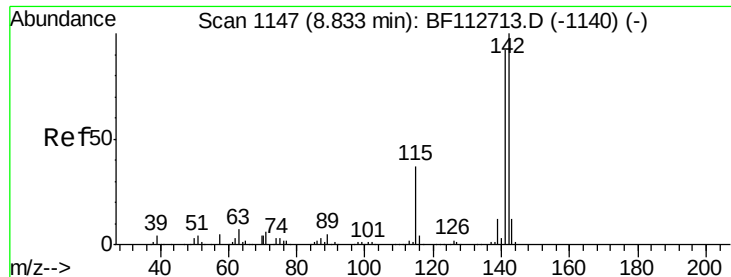
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#37
 2-Methylnaphthalene
 Concen: 94.113 ng
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.03 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	638387		
141	88.0	70.5	105.7	
115	39.3	26.3	39.5	





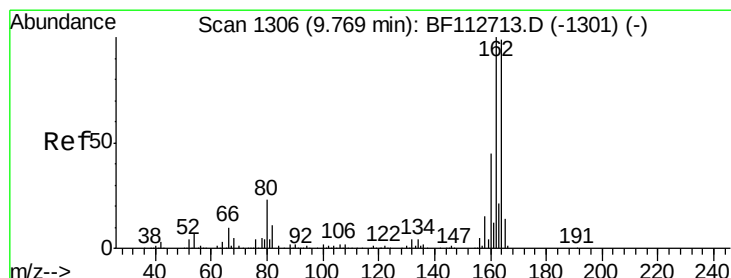
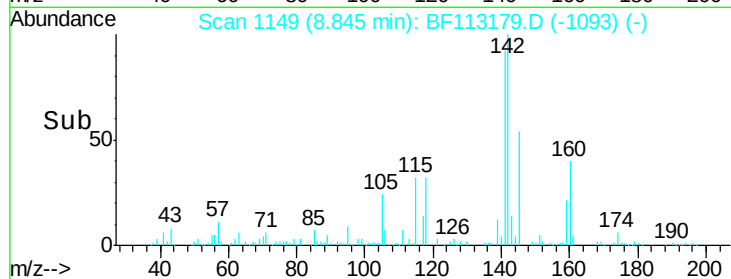
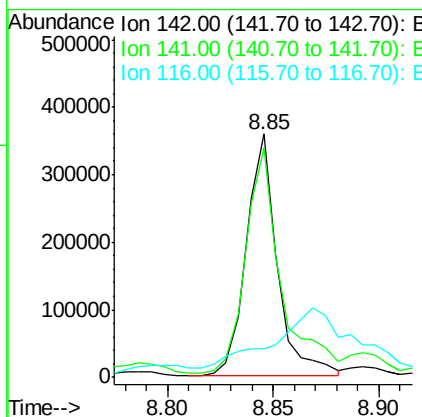
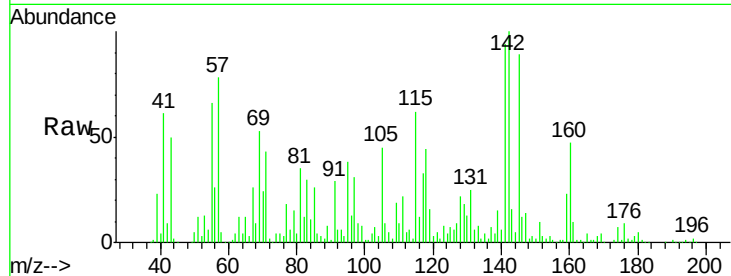
#38
1-Methylnaphthalene
Concen: 55.779 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampleId :
30200-05

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	366513		
141	94.4	73.5	110.3	
116	11.8	3.0	4.6#	

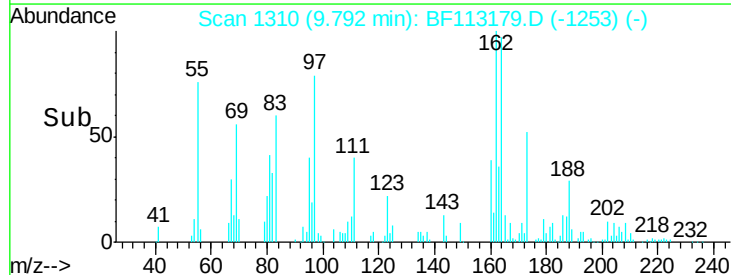
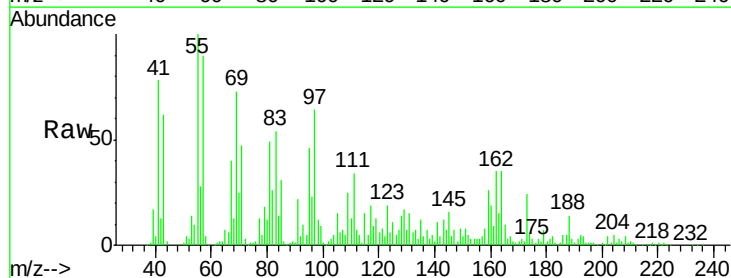
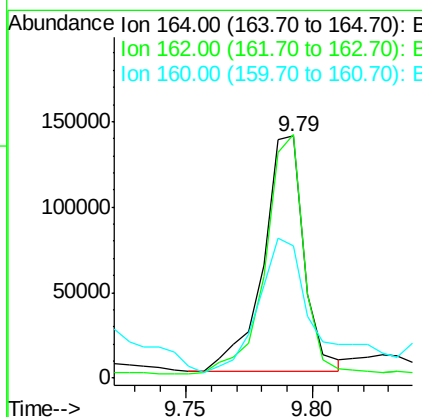
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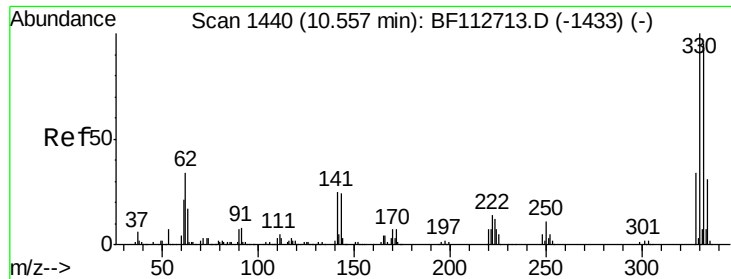
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.04 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	155425		
162	100.5	80.8	121.2	
160	54.4	36.2	54.2#	





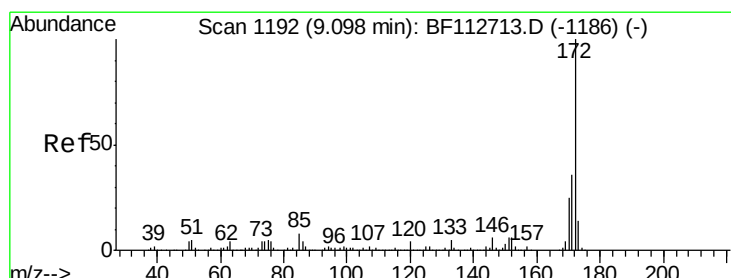
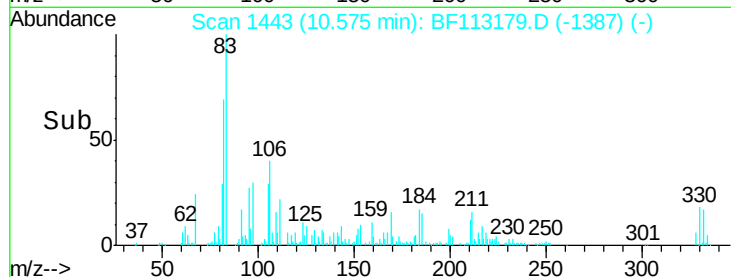
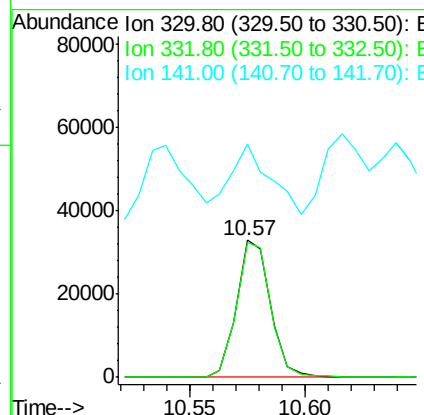
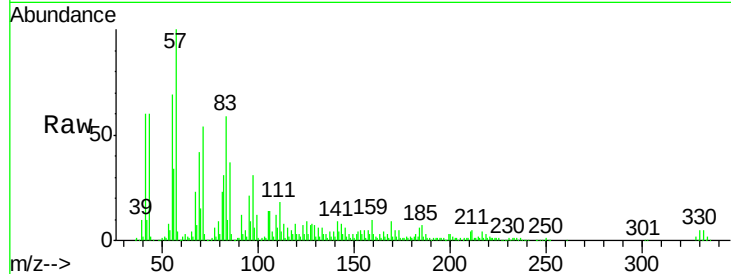
#42
 2,4,6-Tribromophenol
 Concen: 20.326 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.03 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Instrument :
 BNA_F
 ClientSampleId :
 30200-05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.6	76.3	114.5
141	58.9	22.3	33.5

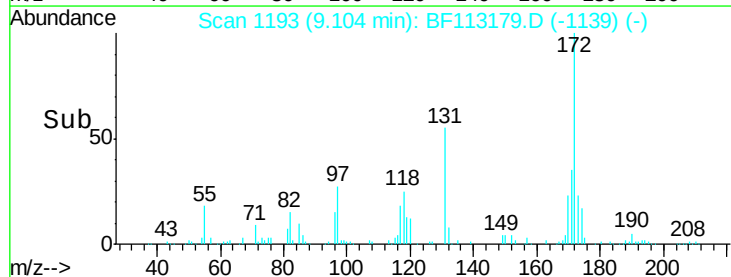
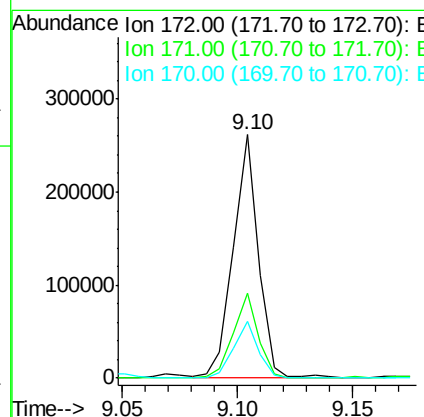
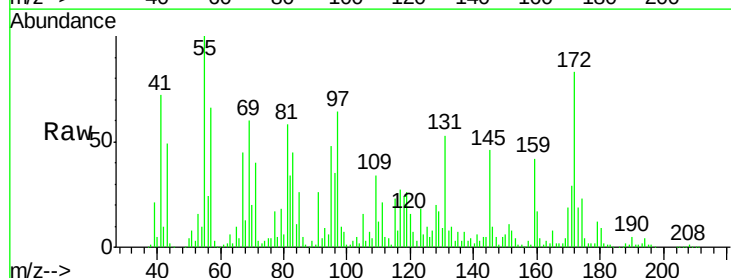
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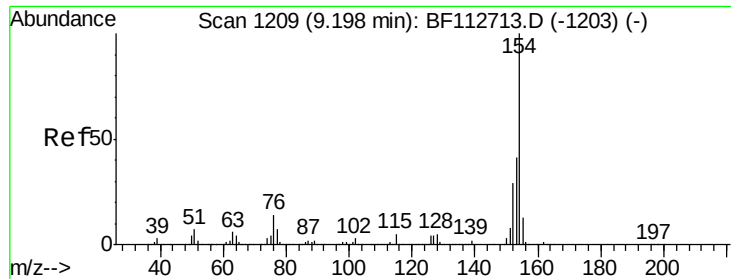
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#45
 2-Fluorobiphenyl
 Concen: 16.260 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.02 min
 Lab File: BF113179.D
 Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.4
170	23.1	20.1	30.1





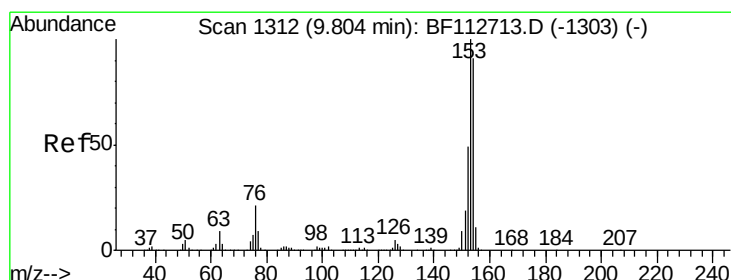
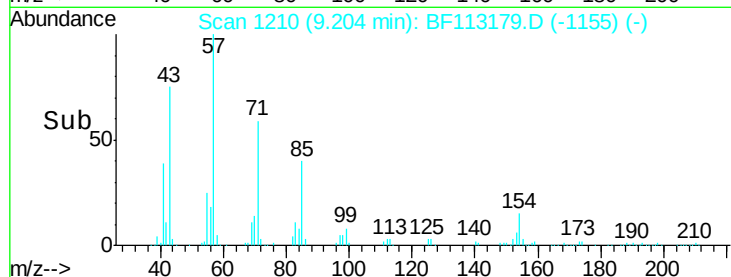
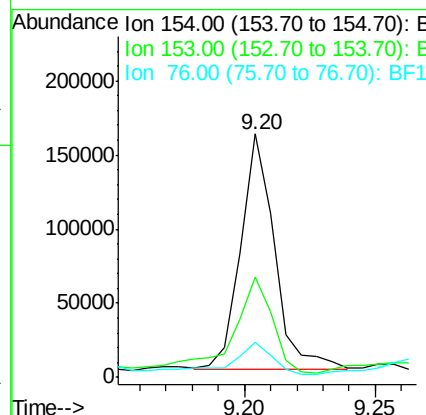
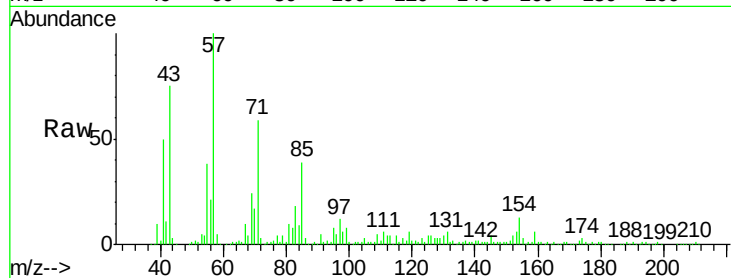
#46
1,1'-Biphenyl
Concen: 11.280 ng m
RT: 9.20 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampleId :
30200-05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	143000		
153	41.2	20.9	60.9	
76	14.4	0.0	33.5	

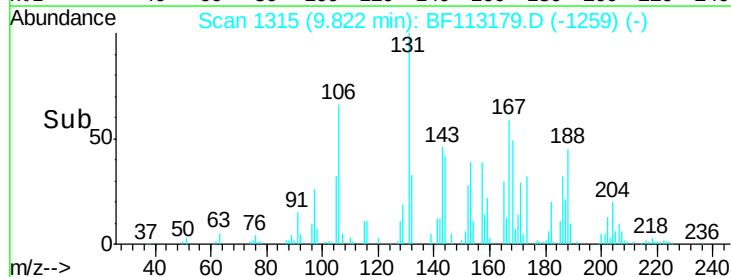
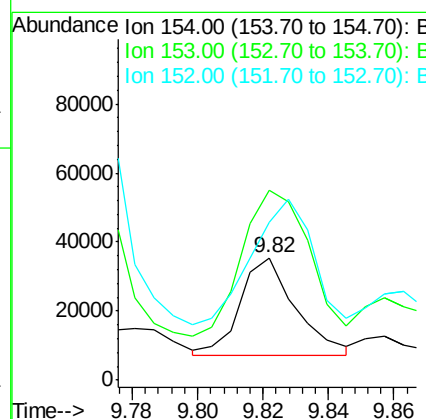
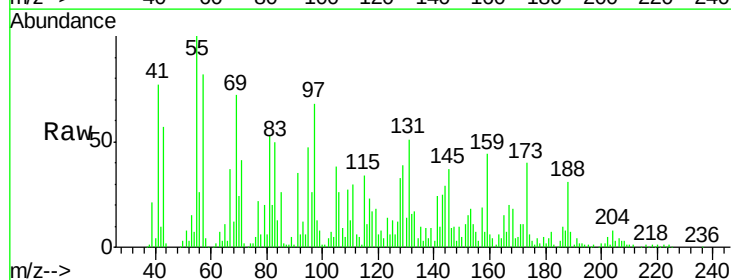
Manual Integrations
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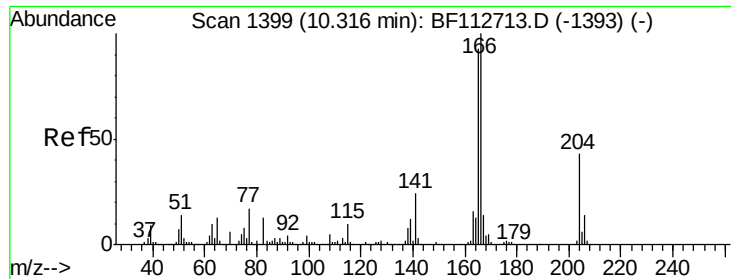
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#52
Acenaphthene
Concen: 3.440 ng m
RT: 9.82 min Scan# 1315
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	33803		
153	155.1	89.9	134.9#	
152	129.1	43.4	65.2#	





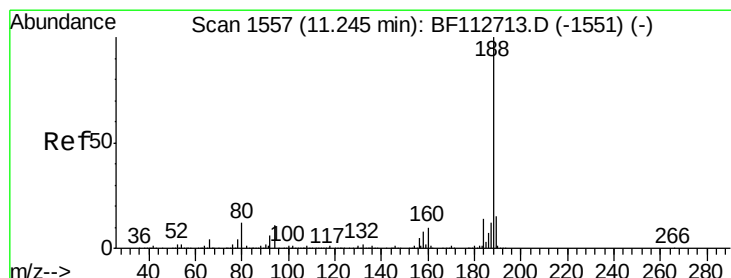
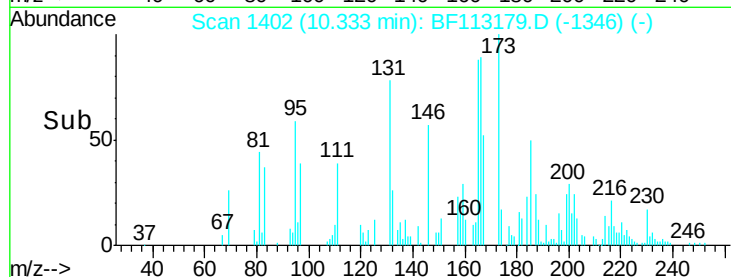
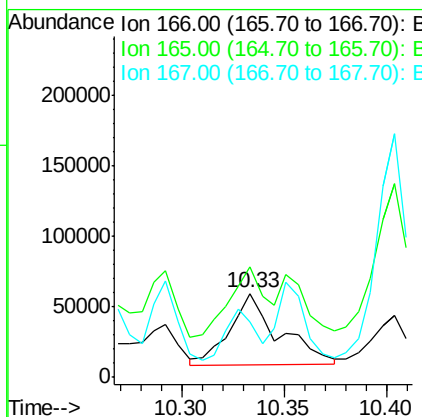
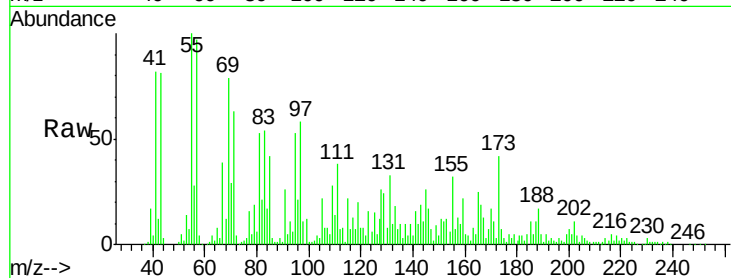
#58
Fluorene
Concen: 8.288 ng m
RT: 10.33 min Scan# 1402
Delta R.T. 0.03 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampled :
30200-05

Tgt Ion:166 Resp: 84016
Ion Ratio Lower Upper
166 100
165 131.4 75.4 113.2#
167 66.9 11.0 16.6#

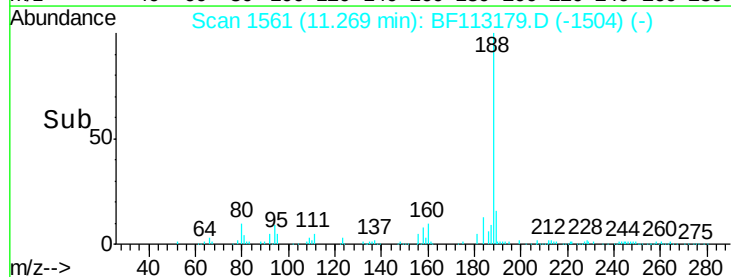
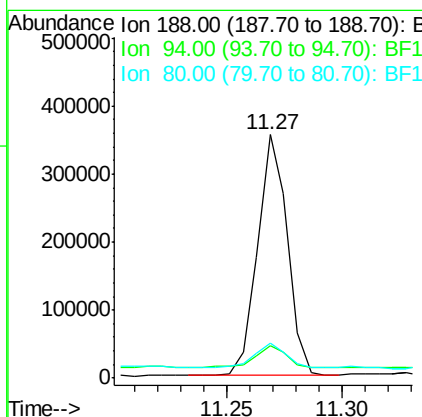
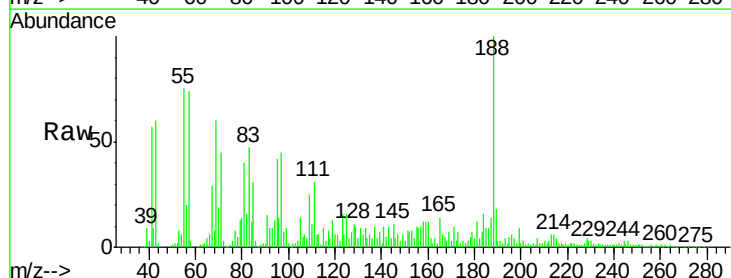
Manual Integrations
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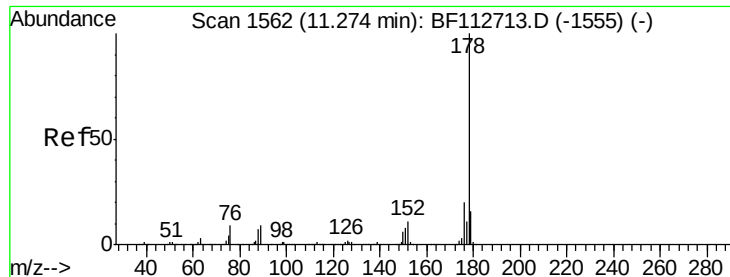
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.04 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Tgt Ion:188 Resp: 317706
Ion Ratio Lower Upper
188 100
94 13.5 7.4 11.2#
80 14.4 7.9 11.9#





#71

Phenanthrene

Concen: 8.373 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.03 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

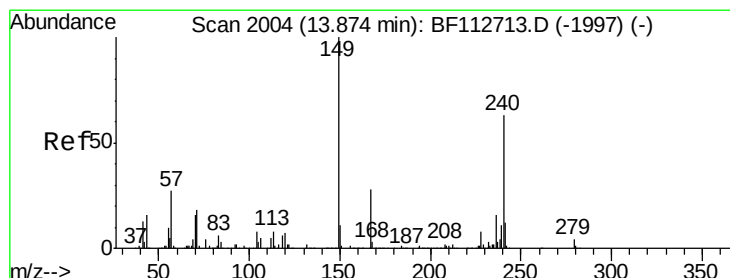
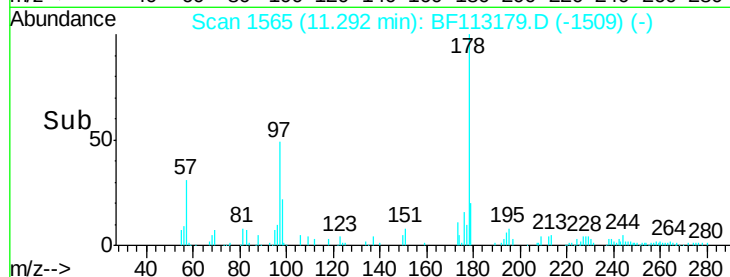
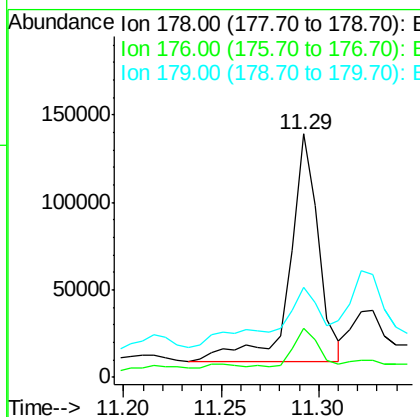
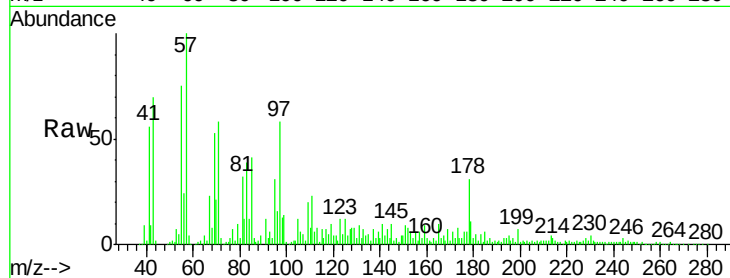
ClientSampled :

30200-05

Tgt Ion:	178	Resp:	132347
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.2	24.4
179	36.8	13.0	19.4#

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#76

Chrysene-d12

Concen: 20.000 ng

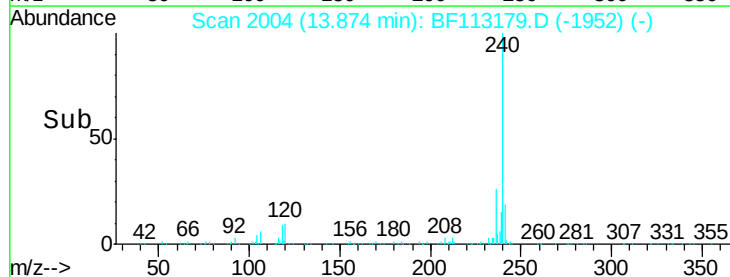
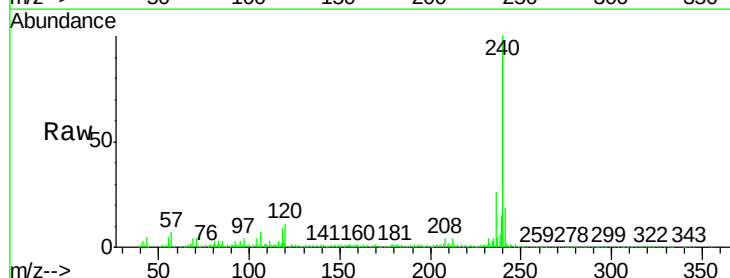
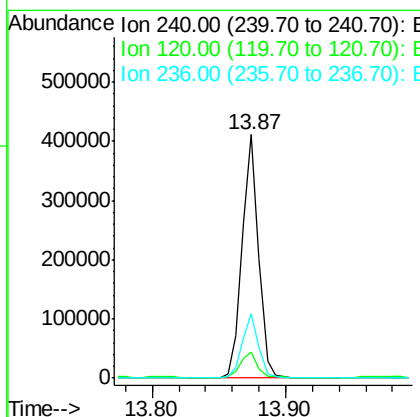
RT: 13.87 min Scan# 2004

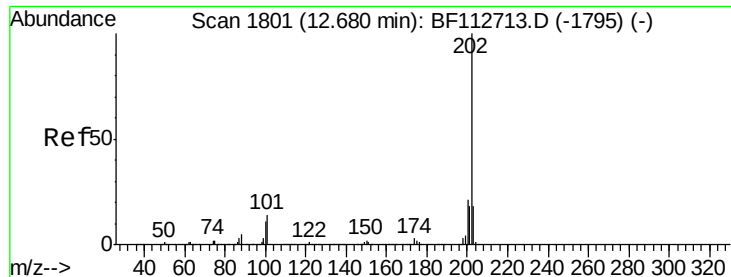
Delta R.T. 0.01 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Tgt Ion:	240	Resp:	352331
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.6	12.8
236	26.3	21.2	31.8





#78

Pyrene

Concen: 4.520 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.02 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Instrument :

BNA_F

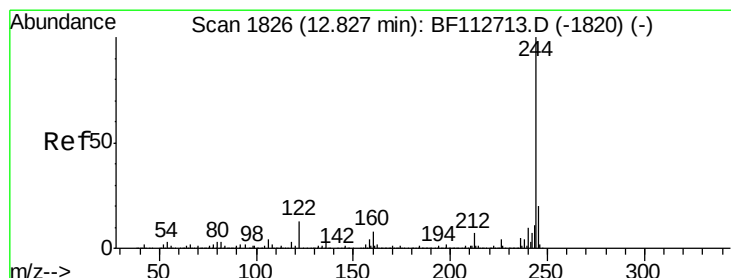
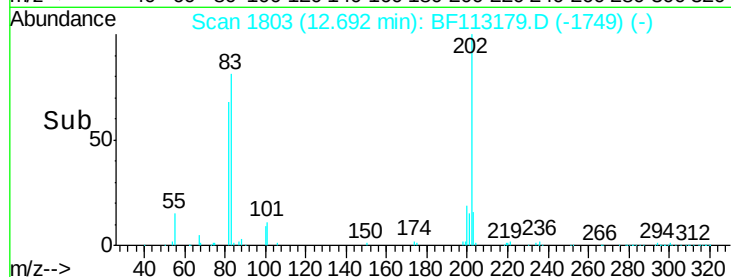
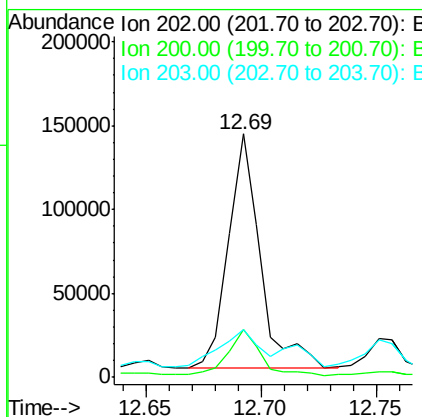
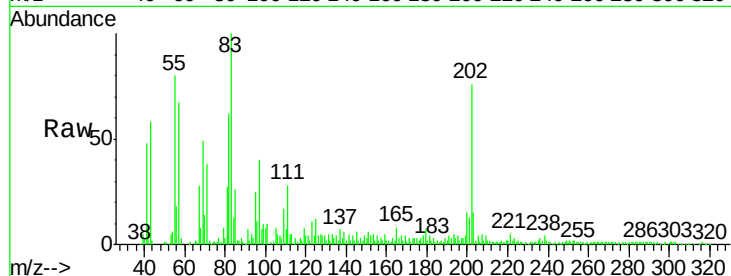
ClientSampled :

30200-05

Tgt Ion:	202	Resp:	134245
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.1	25.7
203	19.9	14.6	21.8

Manual Integrations
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#79

Terphenyl-d14

Concen: 12.074 ng

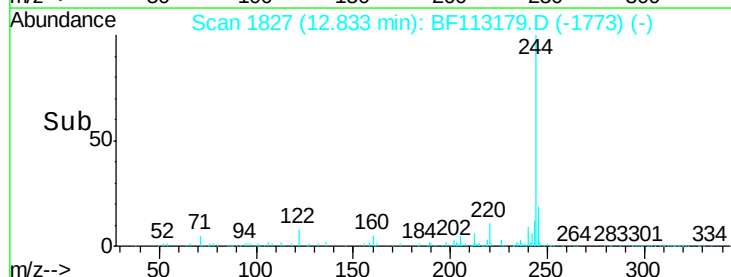
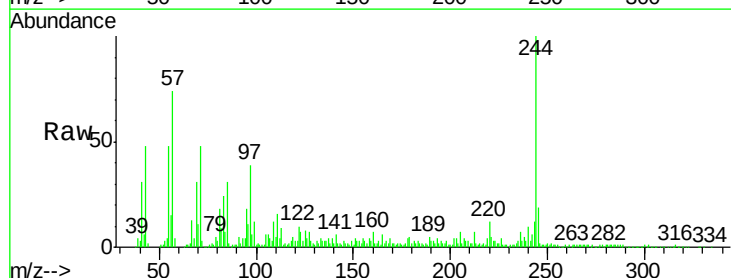
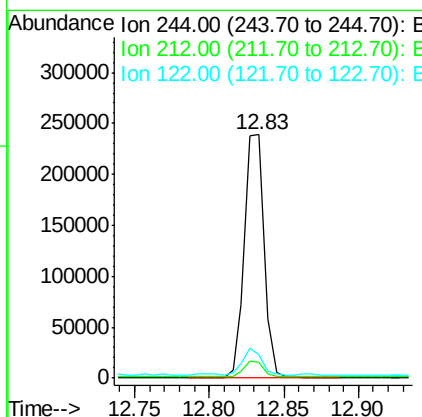
RT: 12.83 min Scan# 1827

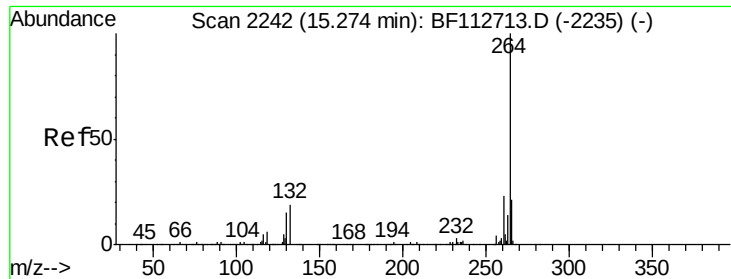
Delta R.T. 0.02 min

Lab File: BF113179.D

Acq: 20 Mar 2019 19:01

Tgt Ion:	244	Resp:	219447
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.7	8.5
122	9.7	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113179.D
Acq: 20 Mar 2019 19:01

Instrument :
BNA_F
ClientSampleId :
30200-05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.7	26.5

Manual Integrations
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