

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113181.D
 Acq On : 20 Mar 2019 19:58
 Operator : JU/SJ
 Sample : K1994-03 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 30211-16

Manual Integrations
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Quant Time: Mar 22 04:12:51 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	100471	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	249379	20.00	ng	0.01
39) Acenaphthene-d10	9.77	164	159399	20.00	ng	0.02
64) Phenanthrene-d10	11.25	188	291451	20.00	ng	0.02
76) Chrysene-d12	13.87	240	325250	20.00	ng	0.00
87) Perylene-d12	15.28	264	260216	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	225664	34.94	ng	0.00
7) Phenol-d6	6.37	99	240406	29.63	ng	0.00
23) Nitrobenzene-d5	7.29	82	180078	43.21	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	48618	28.73	ng	0.02
45) 2-Fluorobiphenyl	9.09	172	270641	22.71	ng	0.00
79) Terphenyl-d14	12.82	244	299741	17.86	ng	0.00
Target Compounds						
31) Naphthalene	8.03	128	129226m	10.437	ng	Qvalue
37) 2-Methylnaphthalene	8.73	142	302716	37.860	ng	96
38) 1-Methylnaphthalene	8.83	142	183902	23.744	ng	# 98
46) 1,1'-Biphenyl	9.19	154	79171	6.089	ng	97
50) Dimethylphthalate	9.48	163	24815	2.111	ng	# 55
58) Fluorene	10.32	166	45292m	4.356	ng	
71) Phenanthrene	11.27	178	54894	3.786	ng	# 77
78) Pyrene	12.68	202	67285	2.454	ng	97

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

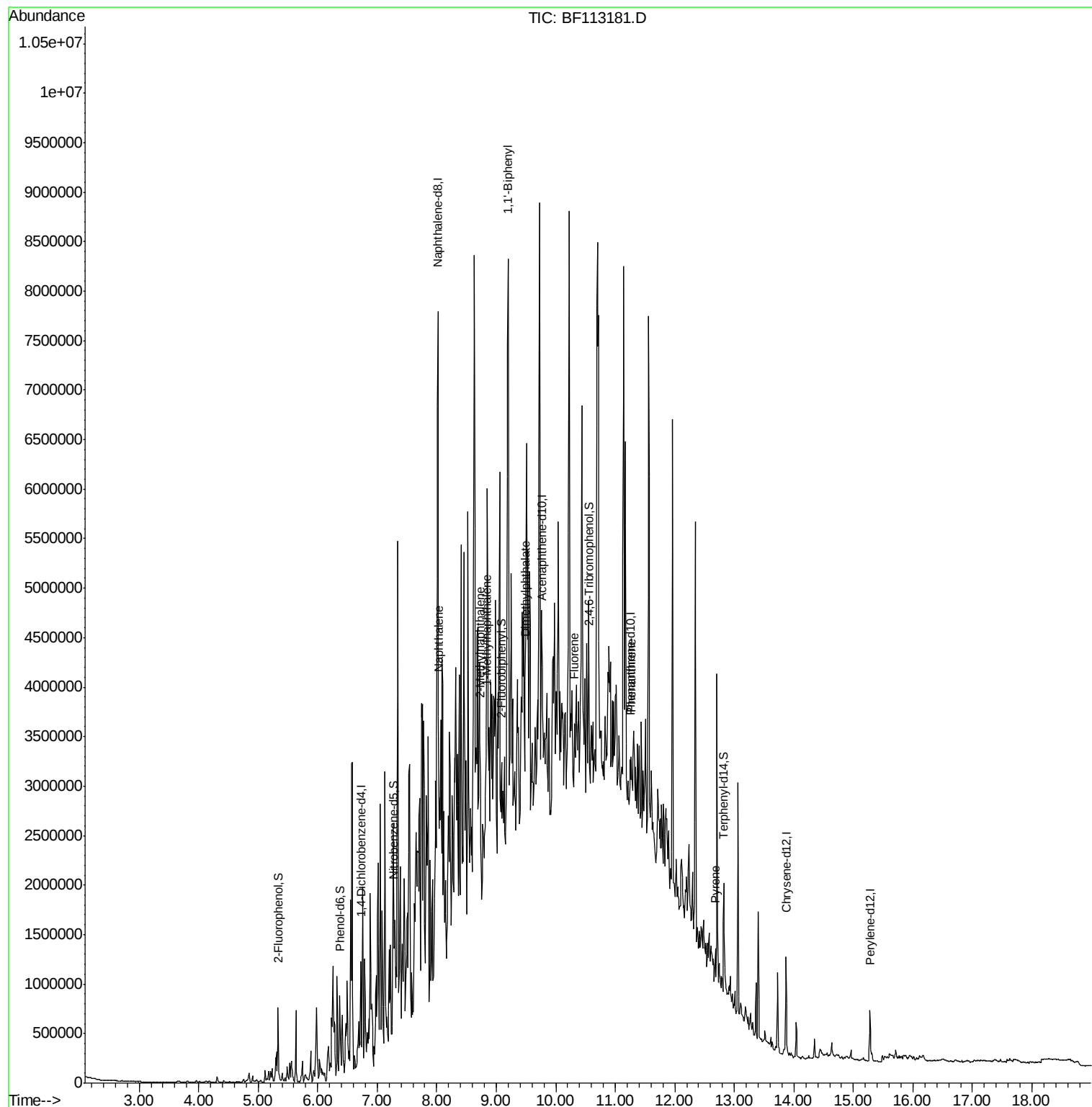
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113181.D
Acq On : 20 Mar 2019 19:58
Operator : JU/SJ
Sample : K1994-03 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

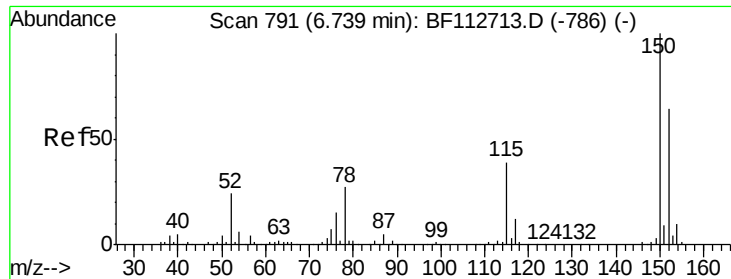
Instrument :
BNA_F
ClientSampleId :
30211-16

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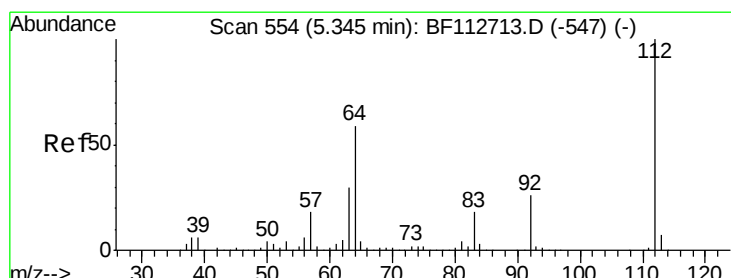
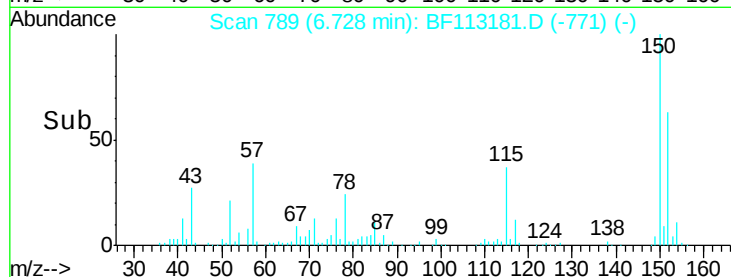
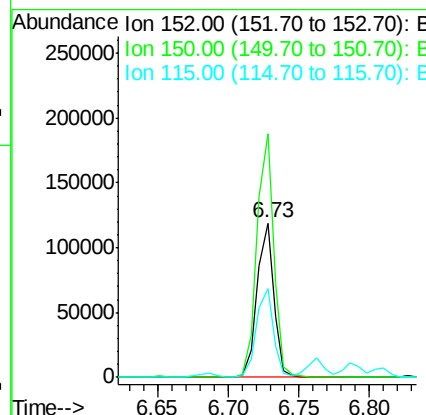
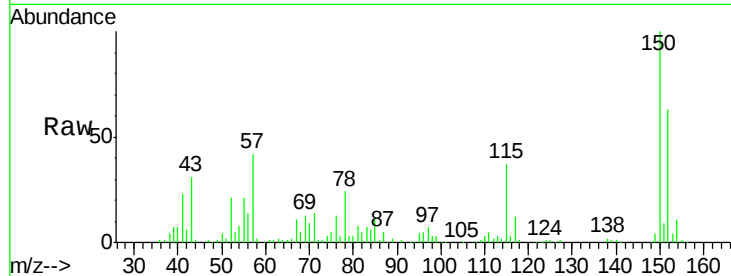
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.01 min
 Lab File: BF113181.D
 Acq: 20 Mar 2019 19:58

Instrument :
 BNA_F
 ClientSampled :
 30211-16

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.0	184.6
115	57.8	45.9	68.9

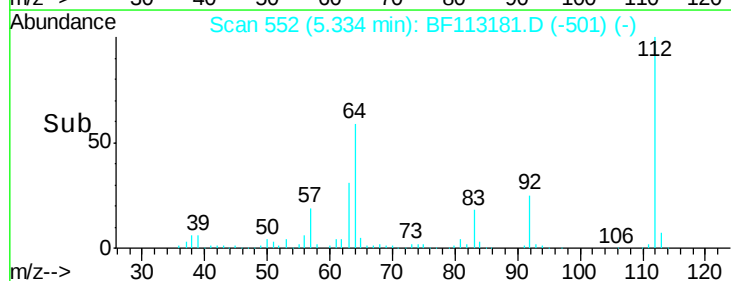
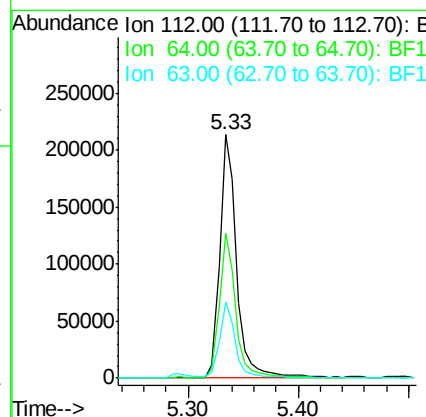
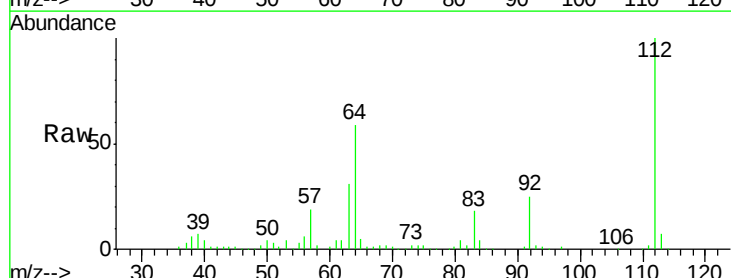
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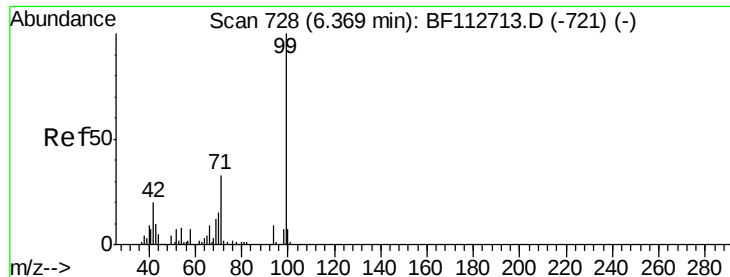
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#5
 2-Fluorophenol
 Concen: 34.938 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF113181.D
 Acq: 20 Mar 2019 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.3	73.9
63	31.2	25.4	38.2





#7

Phenol-d6

Concen: 29.631 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113181.D

Acq: 20 Mar 2019 19:58

Instrument :

BNA_F

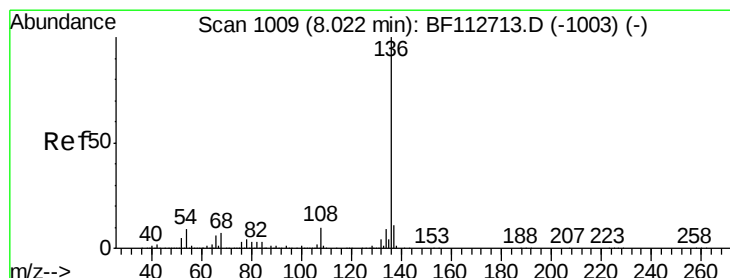
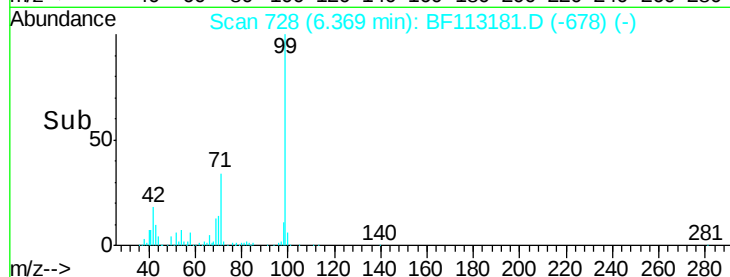
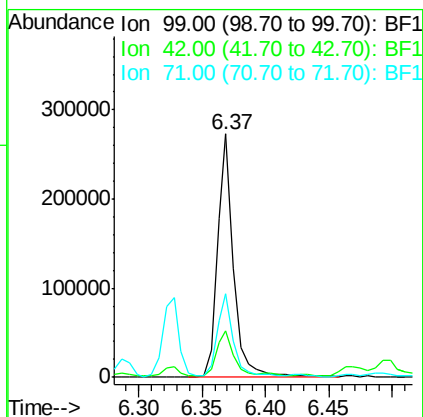
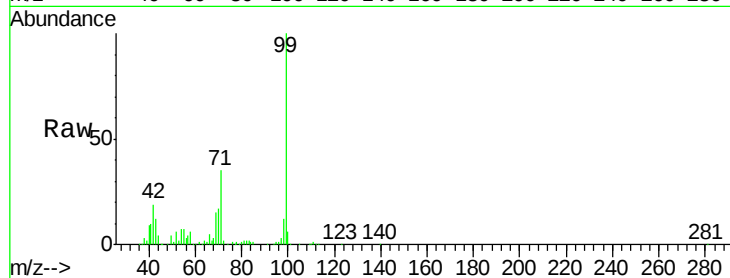
ClientSampleId :

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Tgt Ion:	99	Resp:	240406
Ion Ratio		Lower	Upper
99	100		
42	19.0	15.2	22.8
71	34.5	25.7	38.5

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#21

Naphthalene-d8

Concen: 20.000 ng

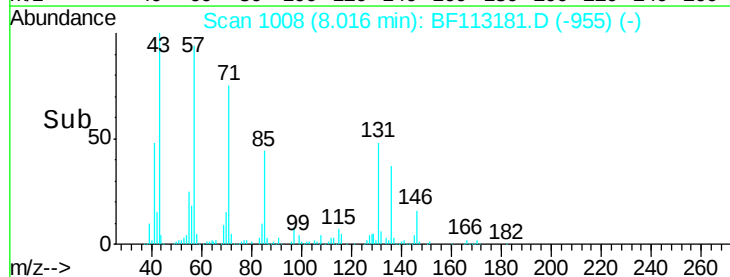
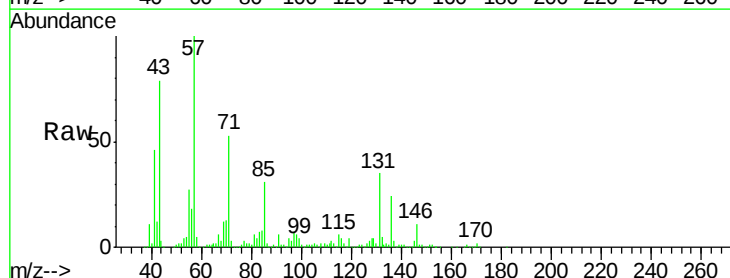
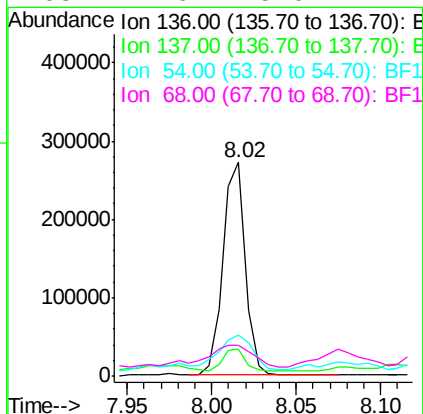
RT: 8.02 min Scan# 1008

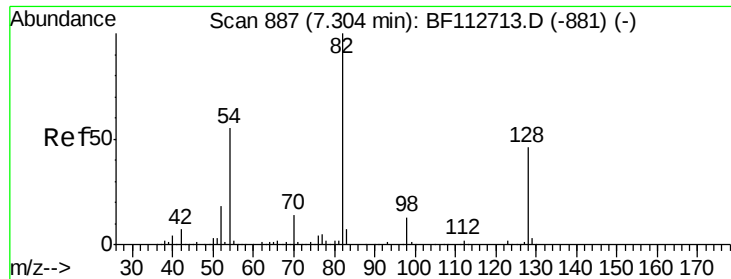
Delta R.T. 0.01 min

Lab File: BF113181.D

Acq: 20 Mar 2019 19:58

Tgt Ion:	136	Resp:	249379
Ion Ratio		Lower	Upper
136	100		
137	12.6	8.9	13.3
54	19.1	7.0	10.6#
68	14.6	5.0	7.4#





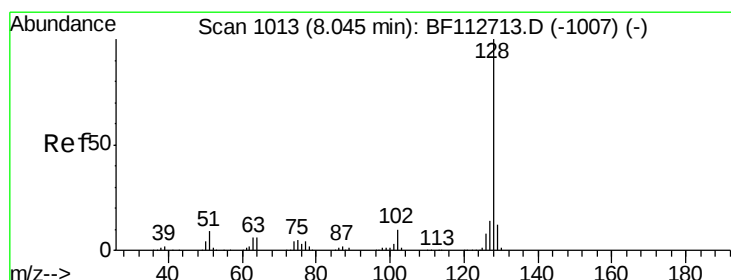
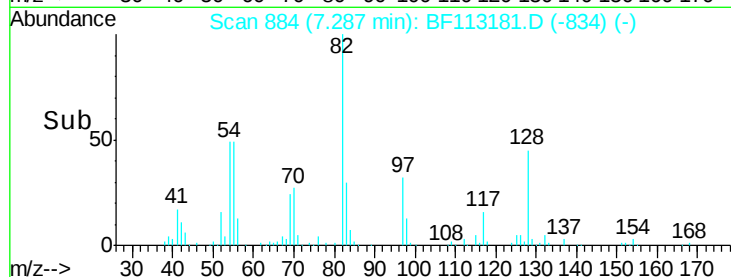
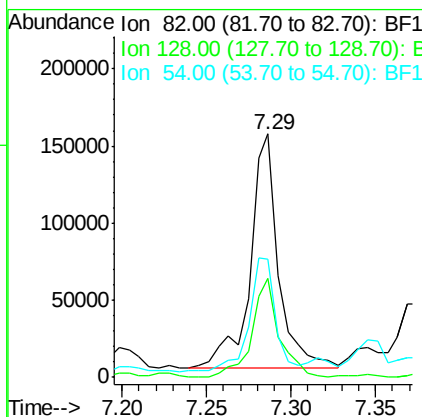
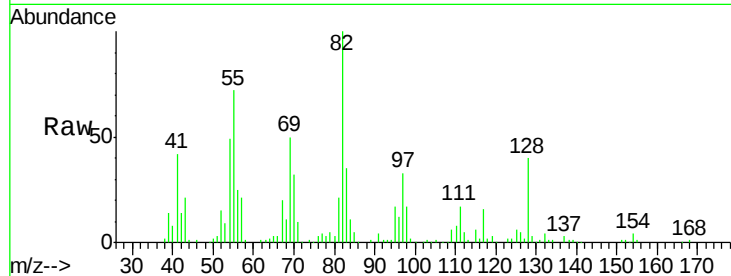
#23
Nitrobenzene-d5
Concen: 43.209 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Instrument :
BNA_F
ClientSampled :
30211-16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	37.9	56.9
54	48.7	41.2	61.8

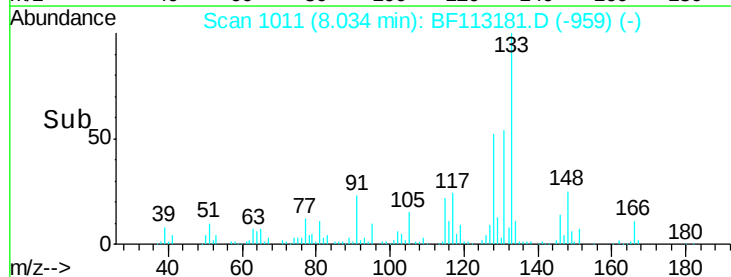
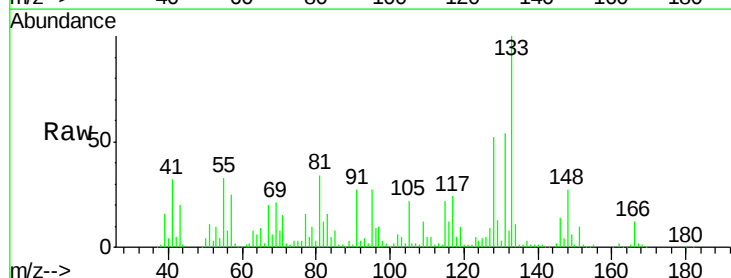
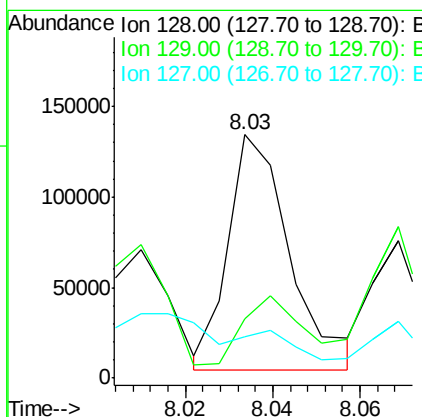
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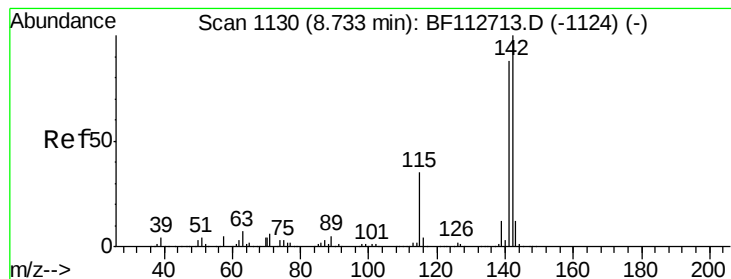
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#31
Naphthalene
Concen: 10.437 ng m
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Tgt Ion	Ratio	Lower	Upper
128	100		
129	24.5	9.4	14.0#
127	17.0	10.9	16.3#





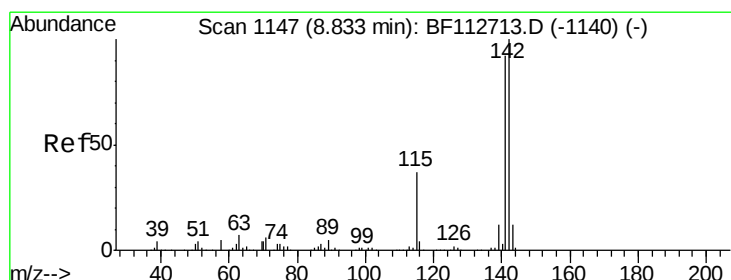
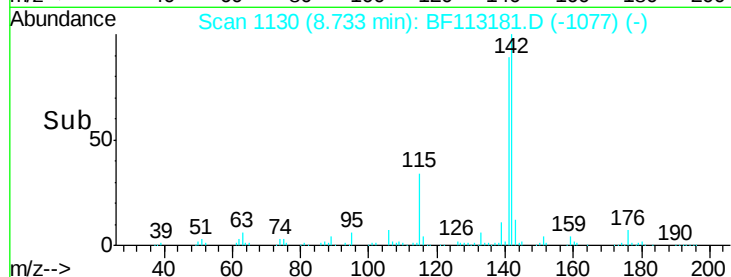
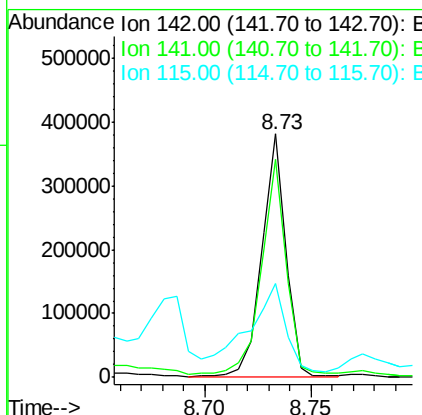
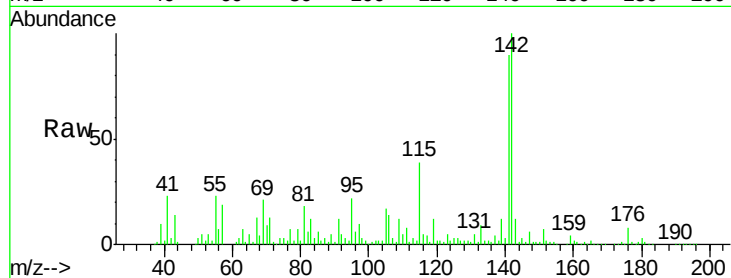
#37
2-Methylnaphthalene
Concen: 37.860 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Instrument :
BNA_F
ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	302716		
141	89.6	70.5	105.7	
115	38.6	26.3	39.5	

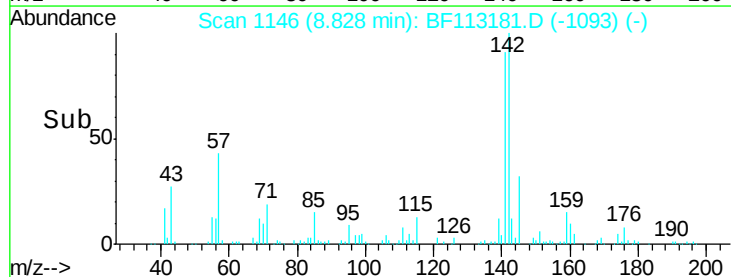
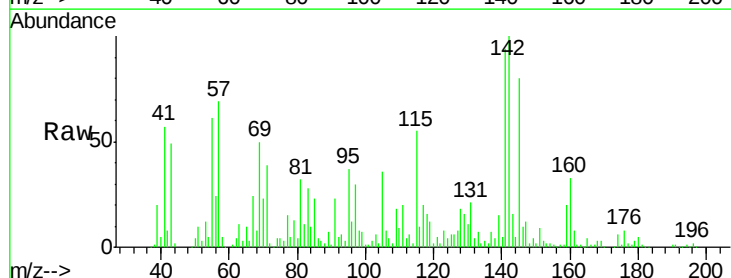
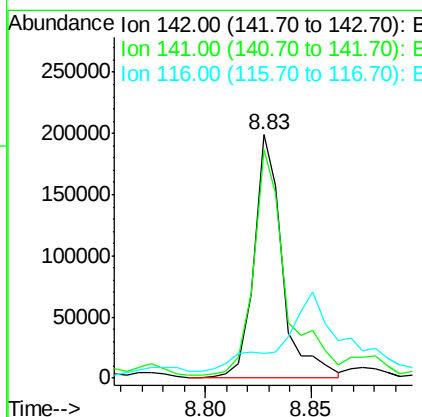
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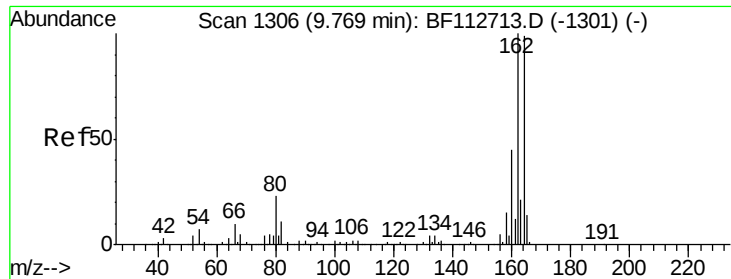
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#38
1-Methylnaphthalene
Concen: 23.744 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	183902		
141	93.6	73.5	110.3	
116	10.2	3.0	4.6#	





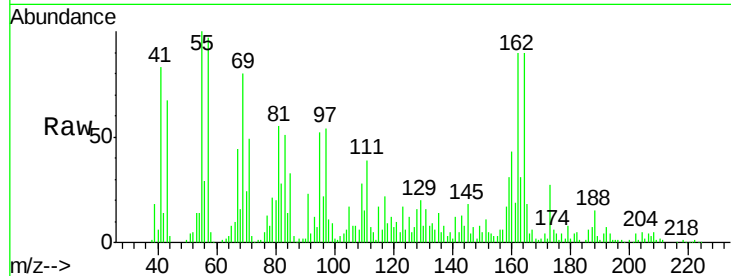
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.02 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Instrument :
BNA_F
ClientSampleId :
30211-16

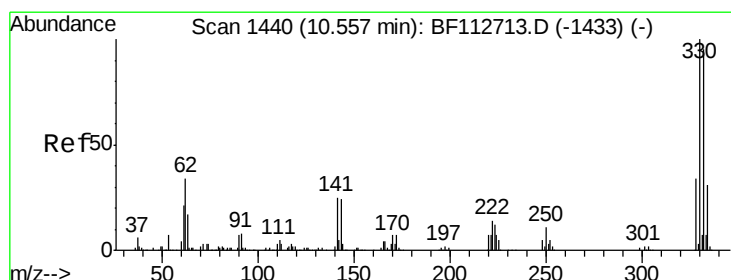
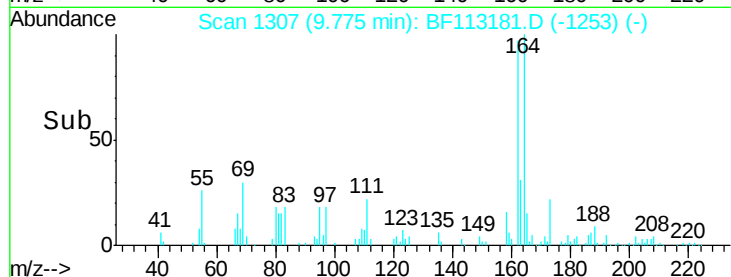
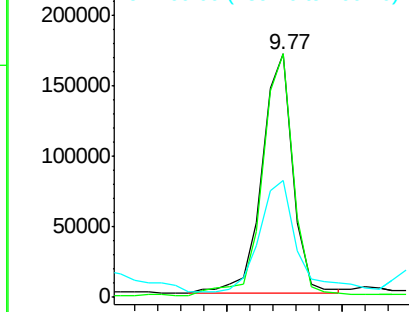
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	159399		
162	100.0	80.8	121.2	
160	48.3	36.2	54.2	

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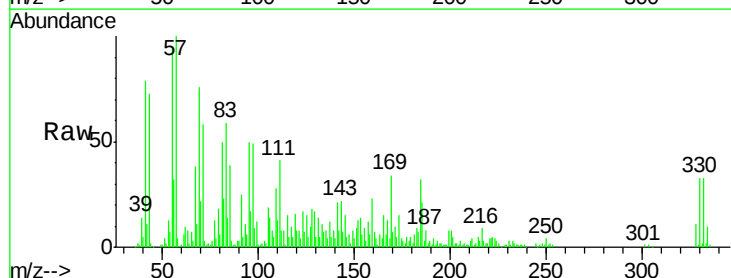


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

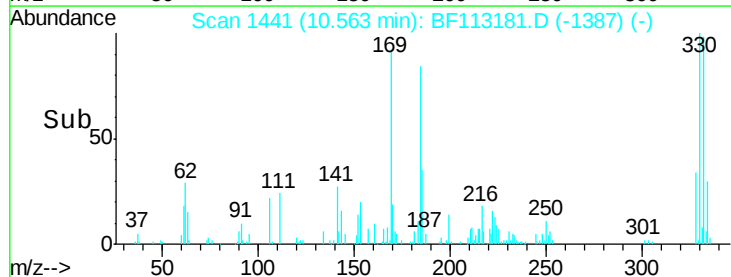
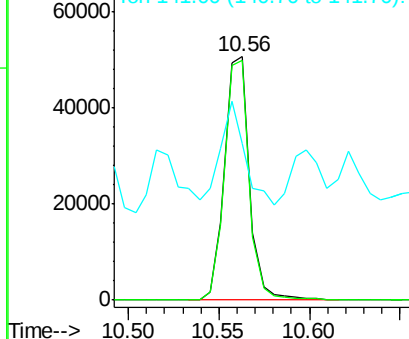


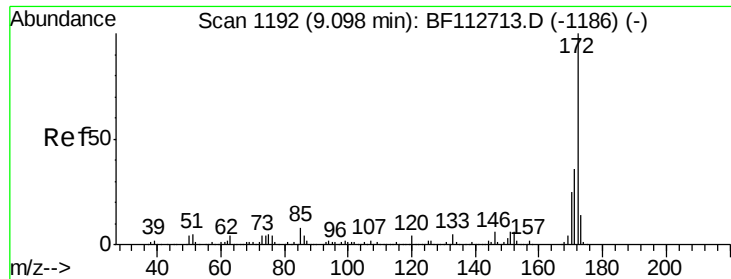
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2,4,6-Tribromophenol
Concen: 28.730 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	48618		
332	97.7	76.3	114.5	
141	40.4	22.3	33.5	



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





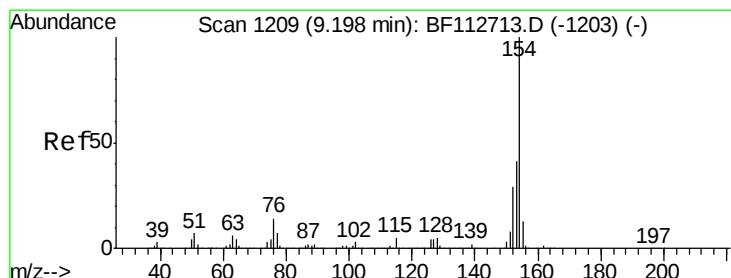
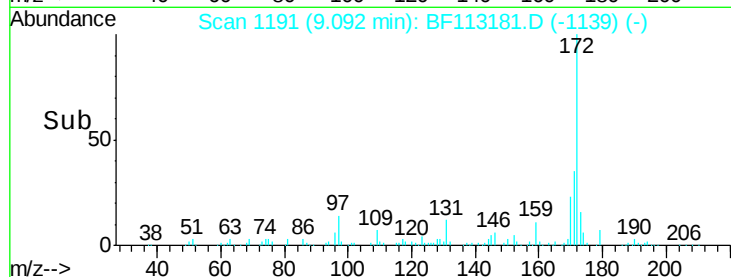
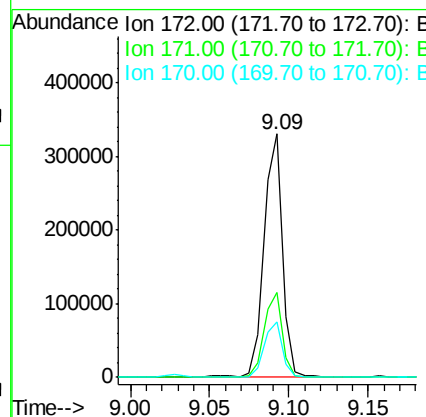
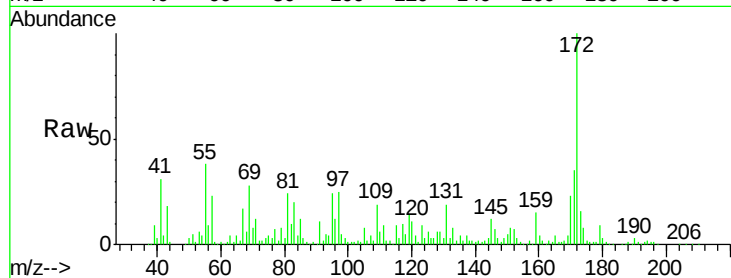
#45
 2-Fluorobiphenyl
 Concen: 22.712 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF113181.D
 Acq: 20 Mar 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	172	Resp:	270641
Ion Ratio	Lower	Upper	
172	100		
171	34.8	29.0	43.4
170	22.7	20.1	30.1

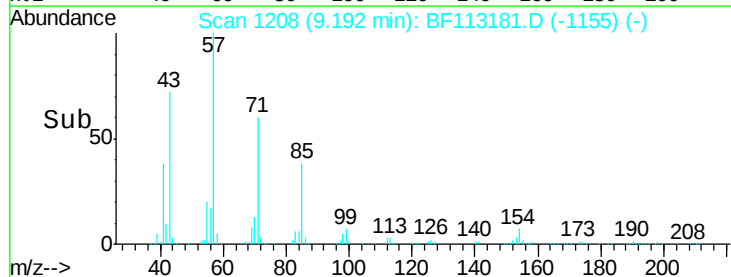
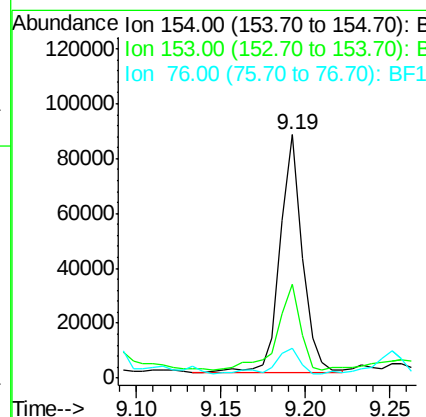
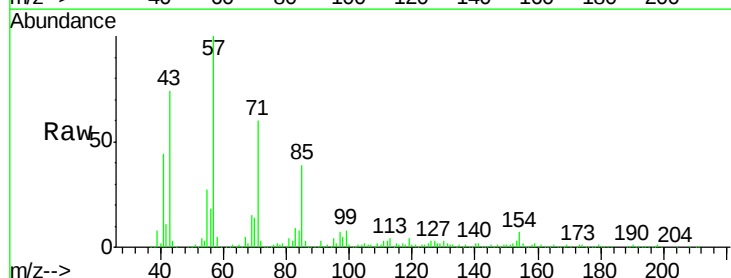
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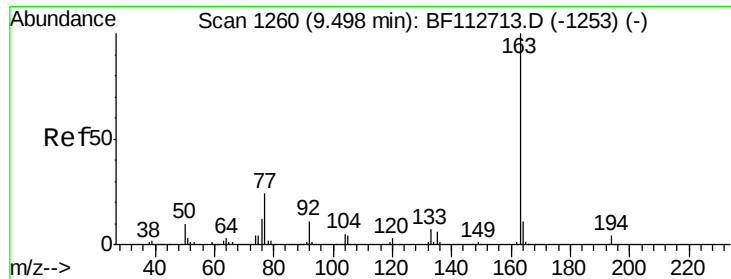
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#46
 1,1'-Biphenyl
 Concen: 6.089 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF113181.D
 Acq: 20 Mar 2019 19:58

Tgt Ion:	154	Resp:	79171
Ion Ratio	Lower	Upper	
154	100		
153	38.7	20.9	60.9
76	12.2	0.0	33.5





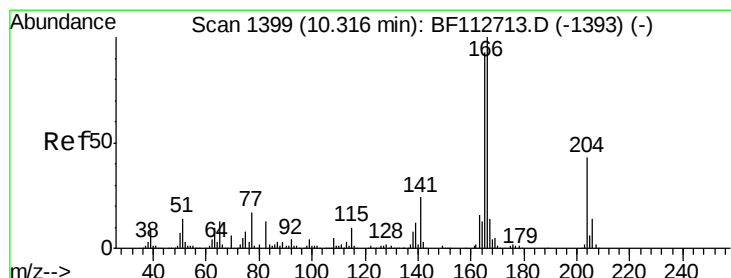
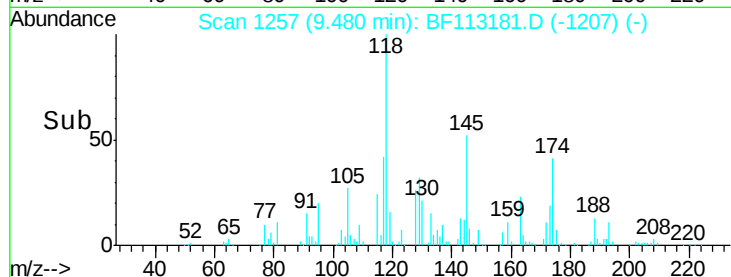
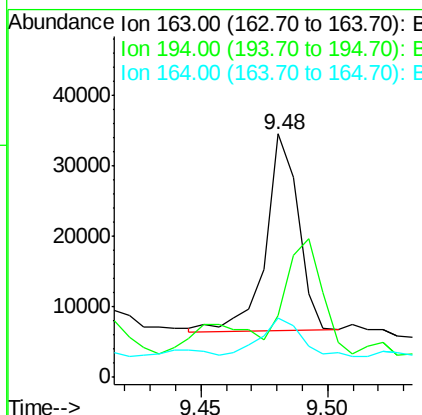
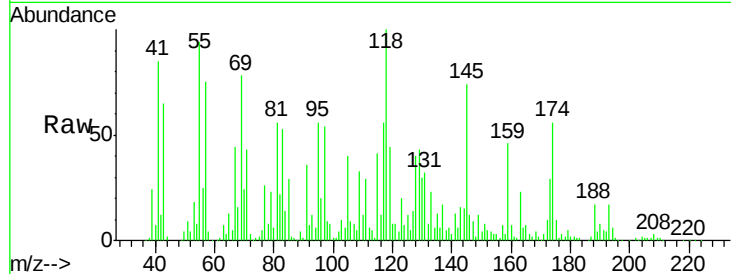
#50
Dimethylphthalate
Concen: 2.111 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Instrument :
BNA_F
ClientSampled :
30211-16

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	24815		
194	25.6	3.3	4.9#	
164	24.6	8.6	12.8#	

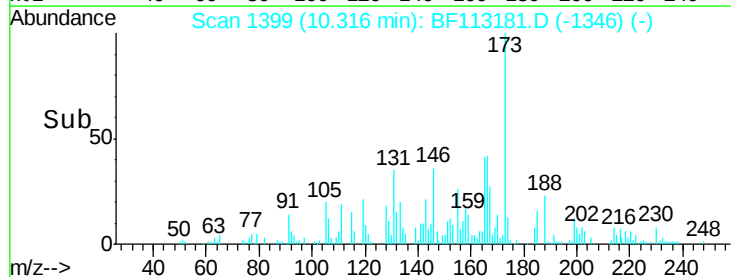
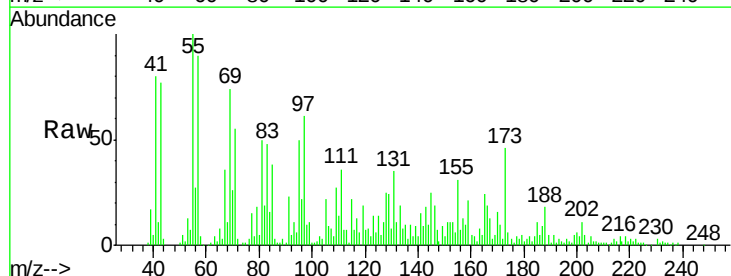
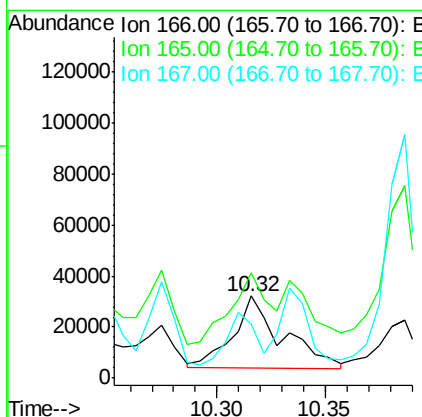
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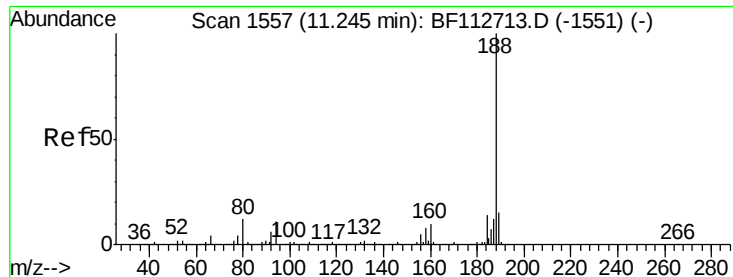
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#58
Fluorene
Concen: 4.356 ng m
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	45292		
165	128.9	75.4	113.2#	
167	66.5	11.0	16.6#	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BF113181.D

Acq: 20 Mar 2019 19:58

Instrument :

BNA_F

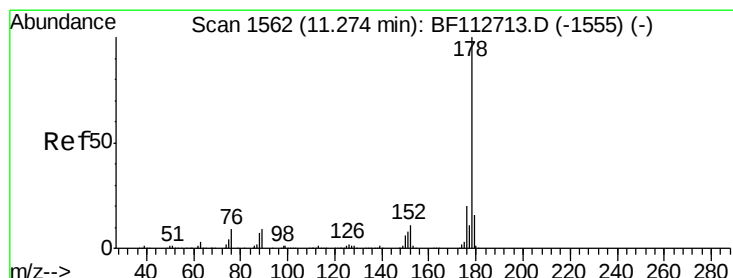
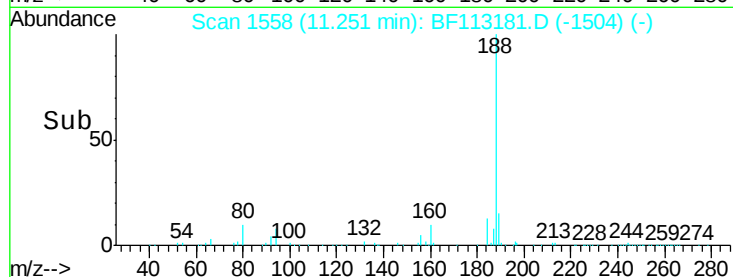
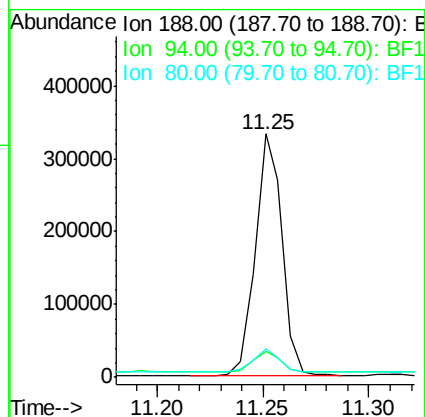
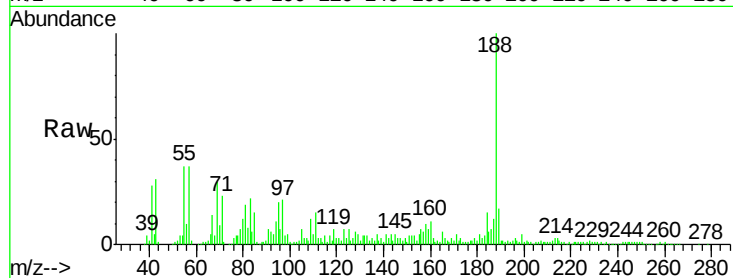
ClientSampleId :

30211-16

Tgt Ion:	188	Resp:	291451
Ion Ratio	Lower	Upper	
188	100		
94	10.5	7.4	11.2
80	11.9	7.9	11.9

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#71

Phenanthrene

Concen: 3.786 ng

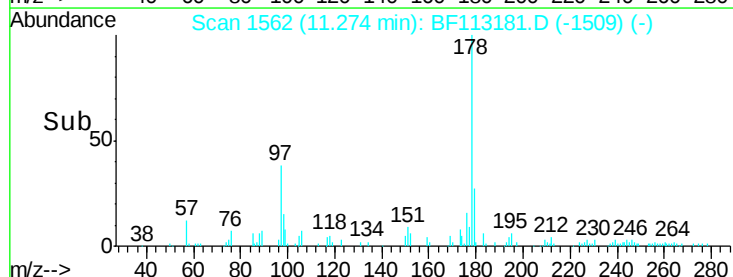
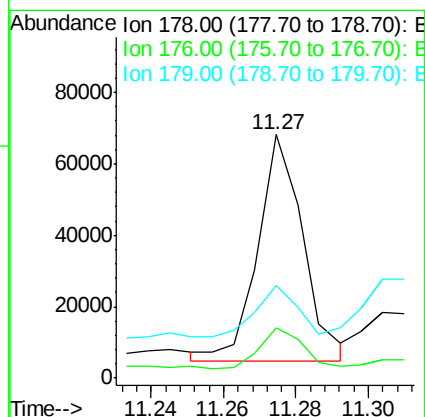
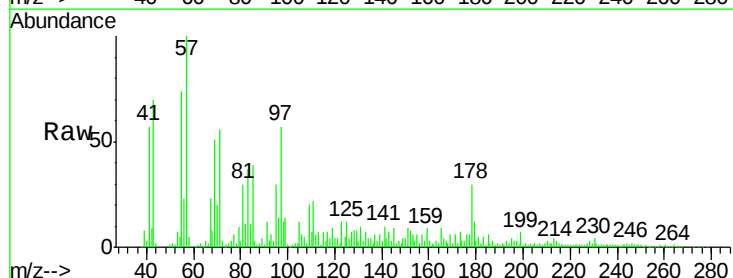
RT: 11.27 min Scan# 1562

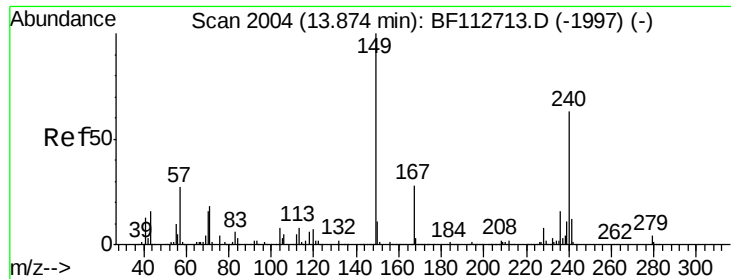
Delta R.T. 0.01 min

Lab File: BF113181.D

Acq: 20 Mar 2019 19:58

Tgt Ion:	178	Resp:	54894
Ion Ratio	Lower	Upper	
178	100		
176	20.6	16.2	24.4
179	38.1	13.0	19.4#





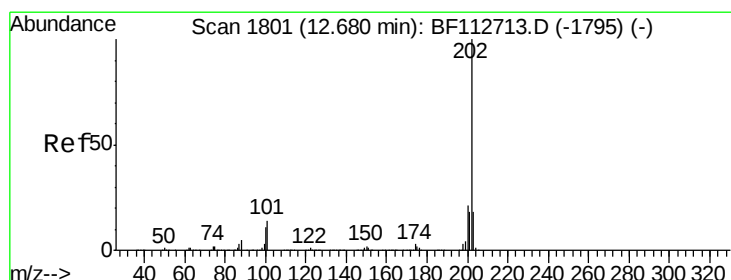
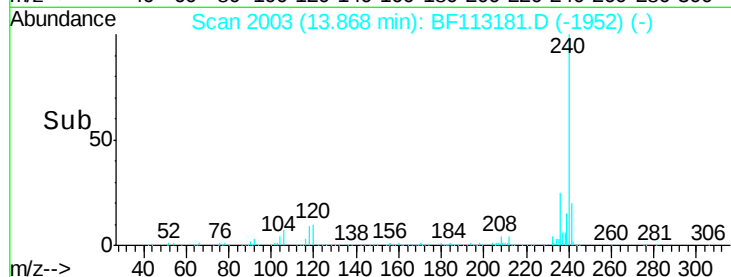
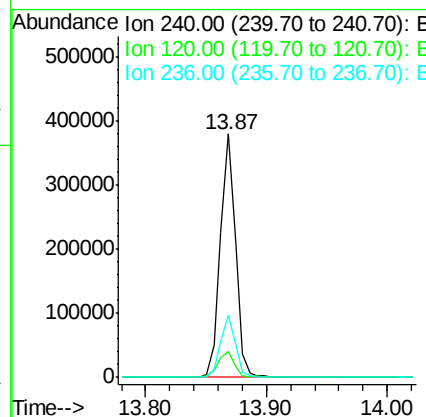
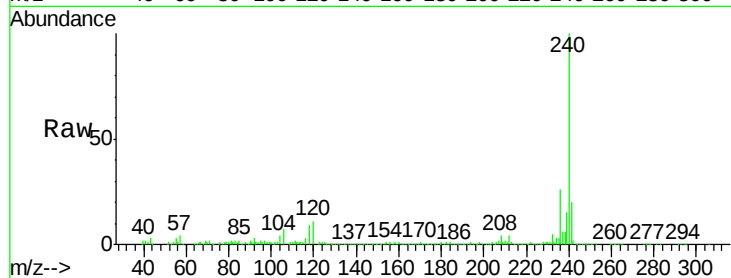
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Instrument :
BNA_F
ClientSampled :
30211-16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	325250		
120	10.5	8.6	12.8	
236	25.6	21.2	31.8	

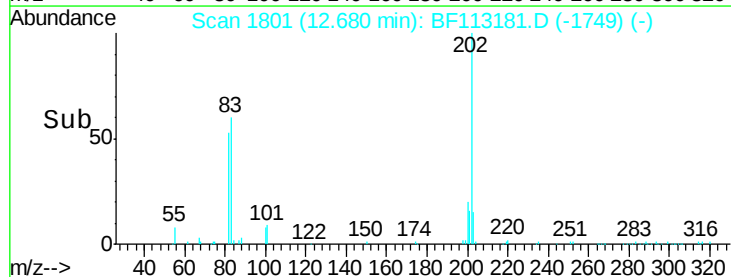
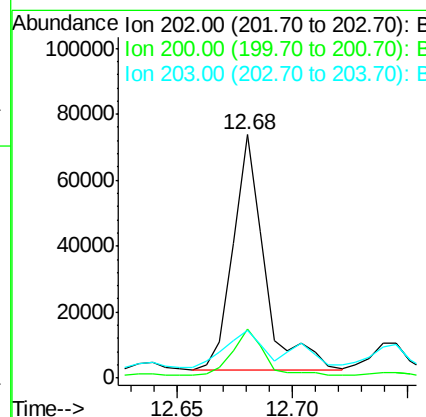
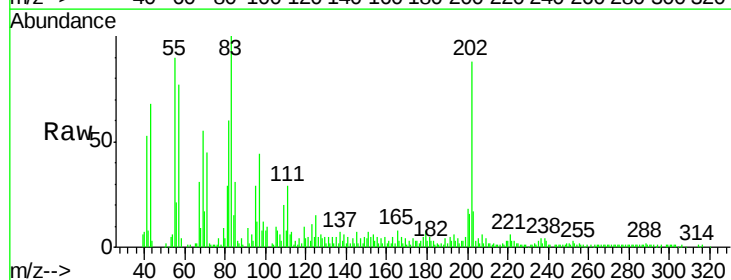
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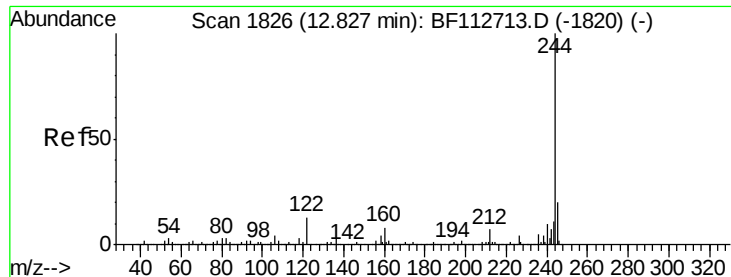
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#78
Pyrene
Concen: 2.454 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BF113181.D
Acq: 20 Mar 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	67285		
200	20.1	17.1	25.7	
203	19.4	14.6	21.8	





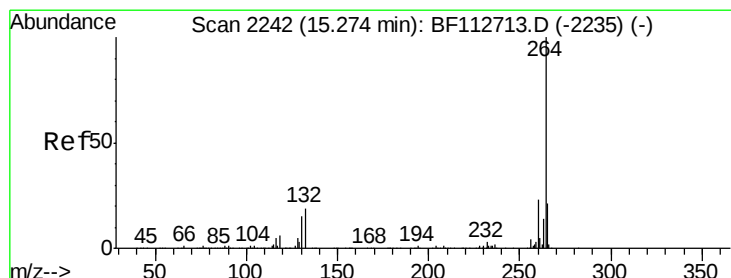
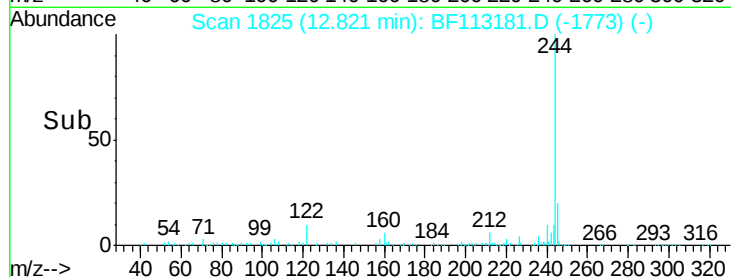
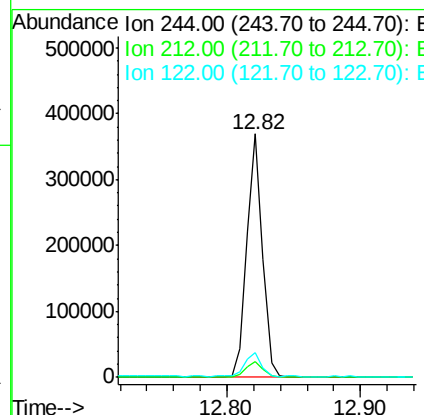
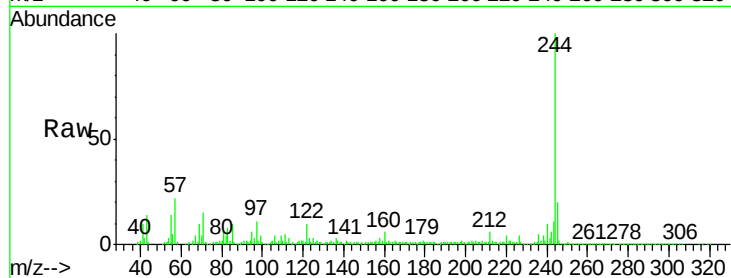
#79
 Terphenyl-d14
 Concen: 17.865 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF113181.D
 Acq: 20 Mar 2019 19:58

Instrument :
 BNA_F
 ClientSampled :
 30211-16

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.4	5.7	8.5
122	10.3	9.4	14.2

Manual Integrations
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 3/25/2019 4:13:21 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113181.D
 Acq: 20 Mar 2019 19:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.7	26.5

