

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
 Data File : BF116263.D
 Acq On : 14 Aug 2019 15:31
 Operator : HP/JU
 Sample : K4228-27
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

Quant Time: Aug 14 16:41:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142807	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	553568	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	296646	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	552099	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	414756	20.00	ng	-0.02
87) Perylene-d12	15.44	264	373720	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	966442	113.29	ng	0.00
7) Phenol-d6	6.47	99	1121616	104.21	ng	-0.02
23) Nitrobenzene-d5	7.39	82	923512	96.30	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	409702	142.45	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1503821	94.95	ng	-0.02
79) Terphenyl-d14	12.93	244	1818197	92.37	ng	-0.02

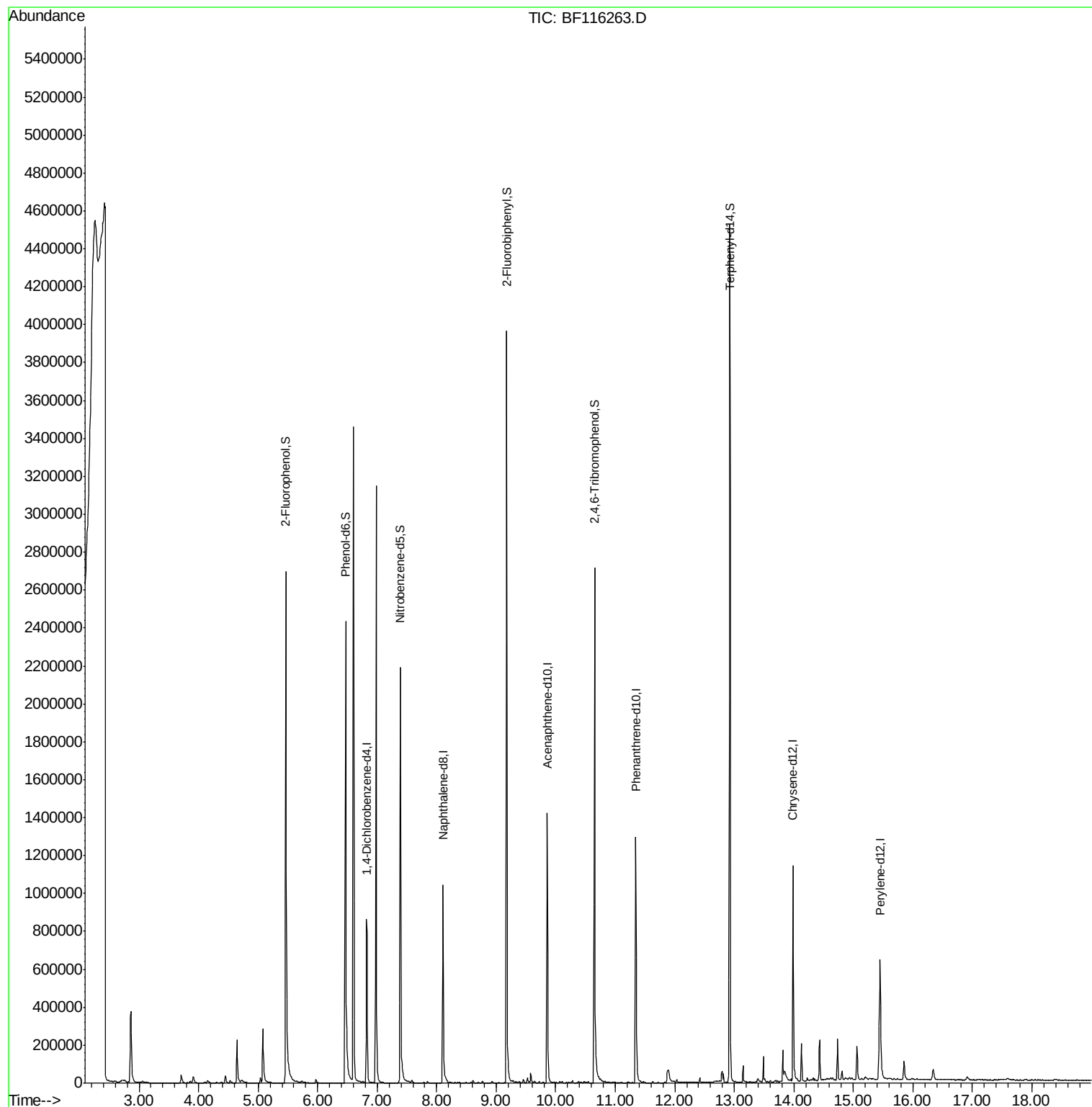
Target Compounds Qvalue

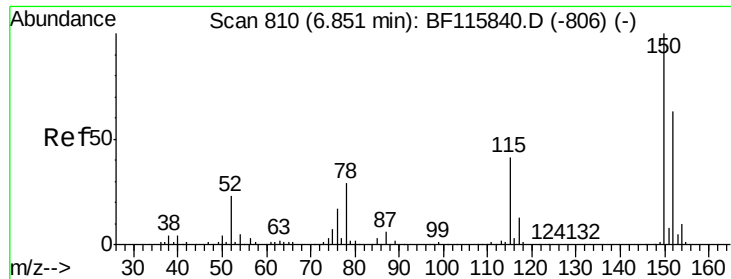
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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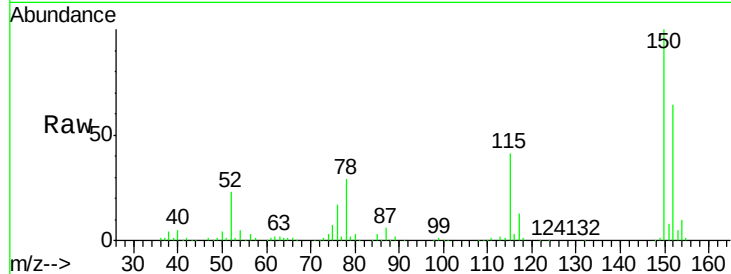


#1

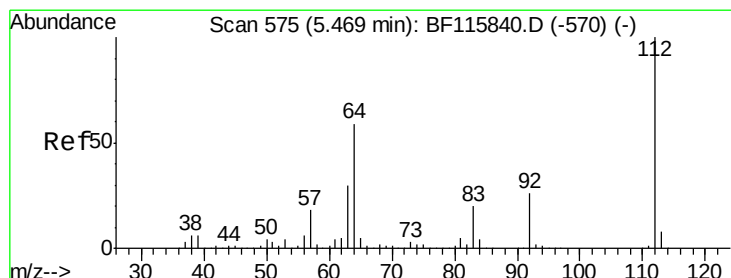
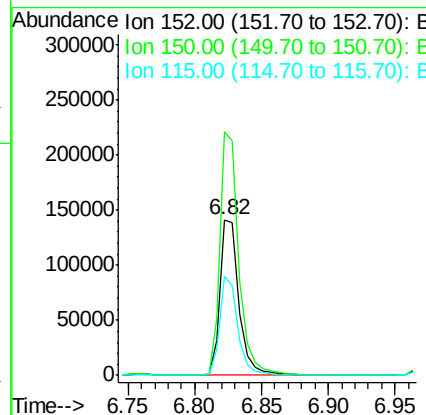
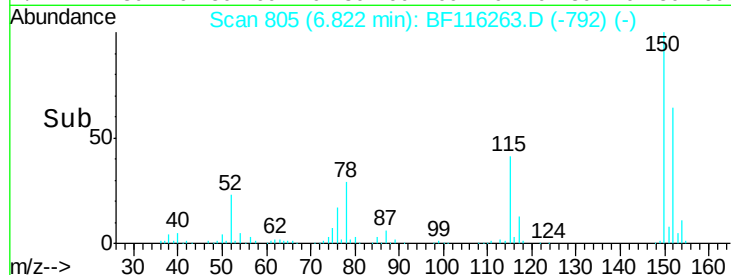
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(1)

Tot Ion:152 Resp: 142807
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 63.8 49.9 74.9



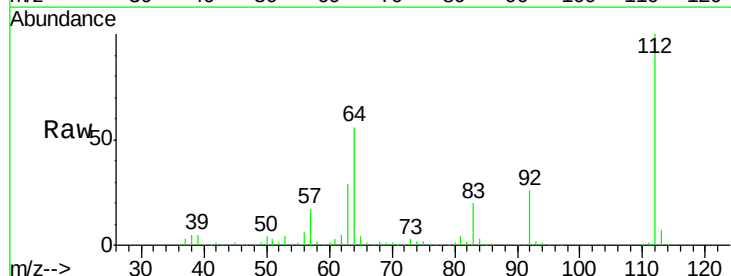
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



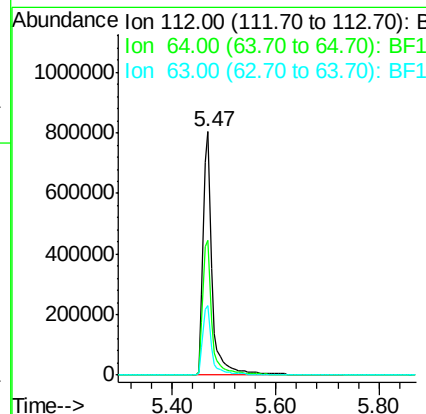
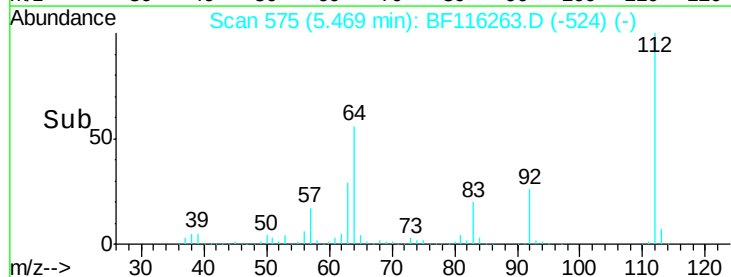
#5

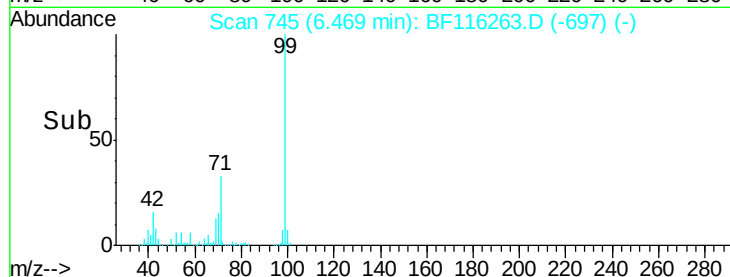
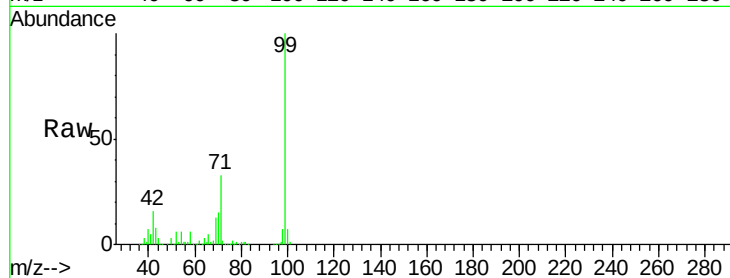
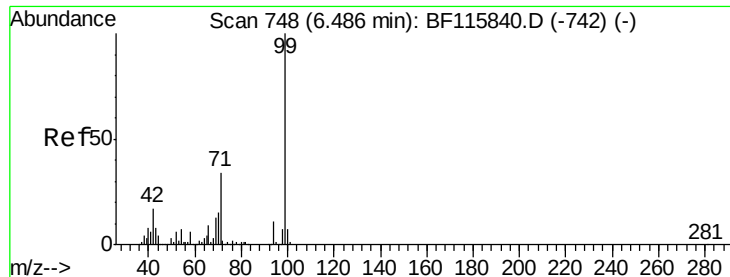
2-Fluorophenol
Concen: 113.292 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

Tgt Ion:112 Resp: 966442
Ion Ratio Lower Upper
112 100
64 55.5 45.4 68.2
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.212 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

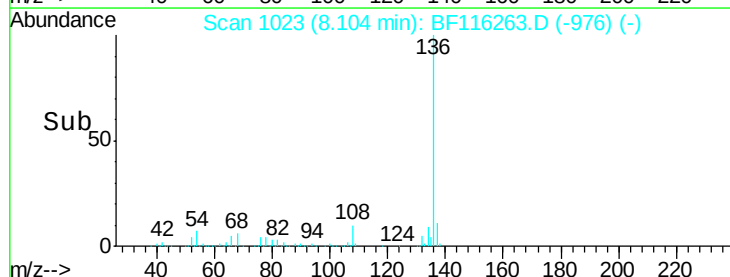
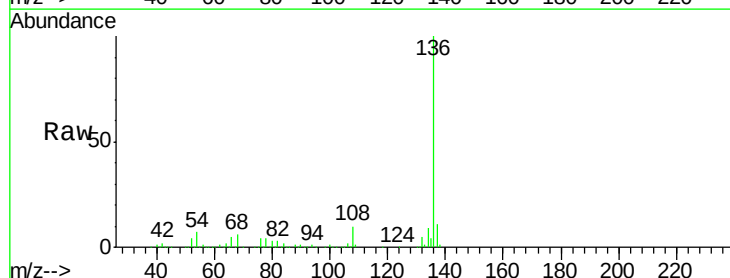
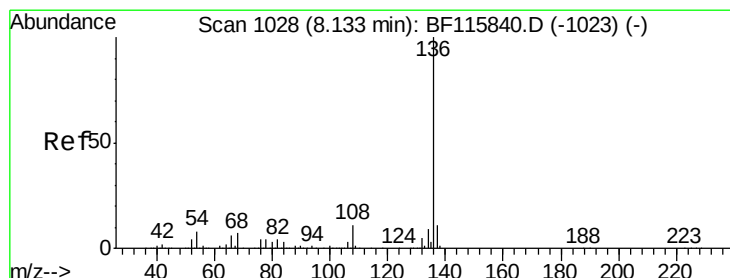
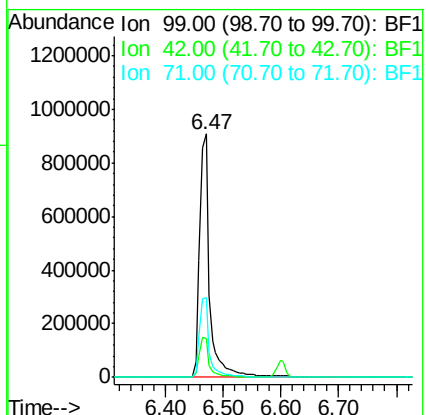
Tot Ion: 99 Resp: 1121616

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 32.6 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

Tgt Ion: 136 Resp: 553568

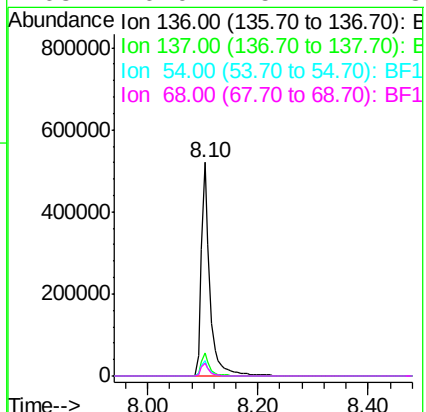
Ion Ratio Lower Upper

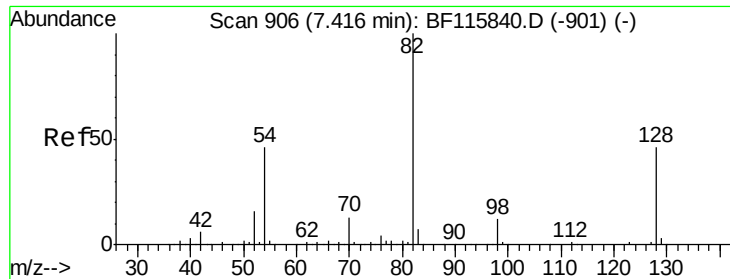
136 100

137 11.1 9.0 13.4

54 7.1 5.8 8.6

68 6.0 5.2 7.8

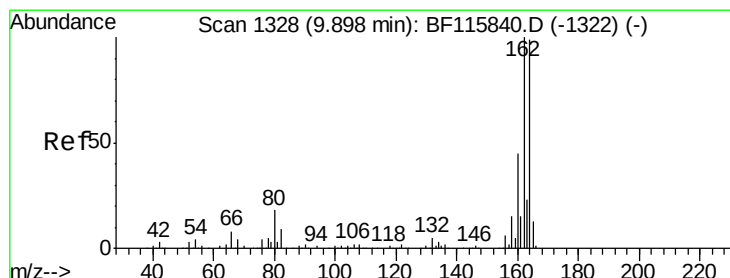
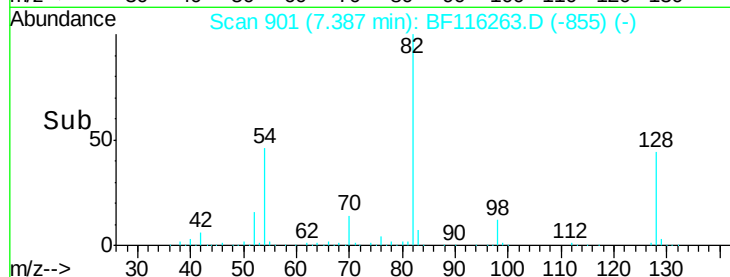
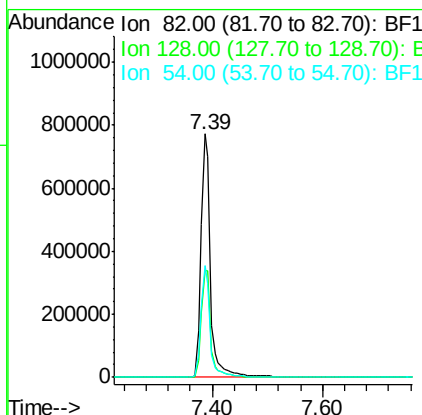
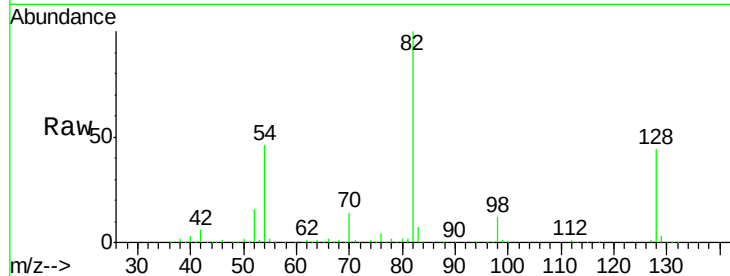




#23
 Nitrobenzene-d5
 Concen: 96.299 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

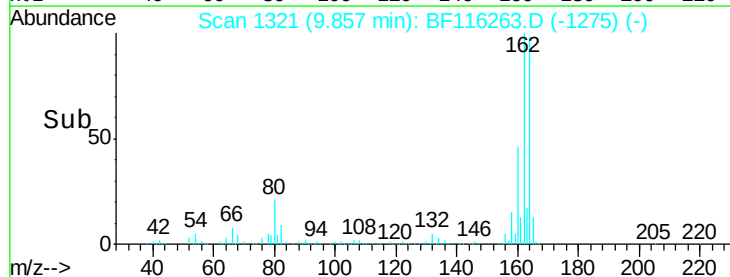
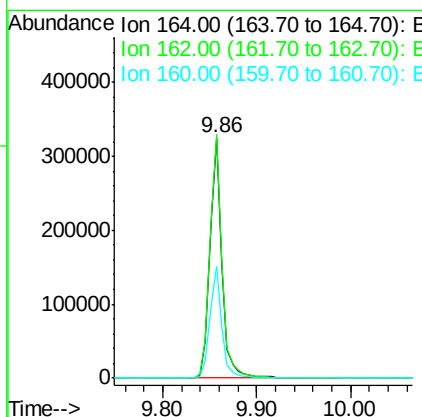
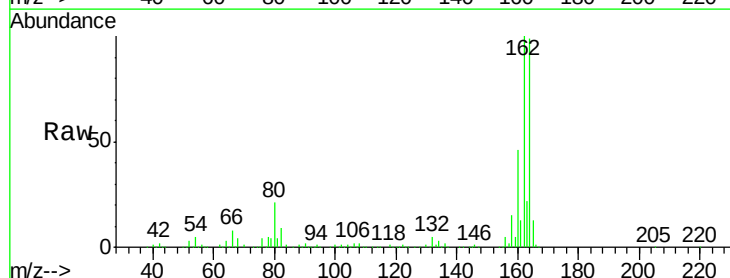
Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

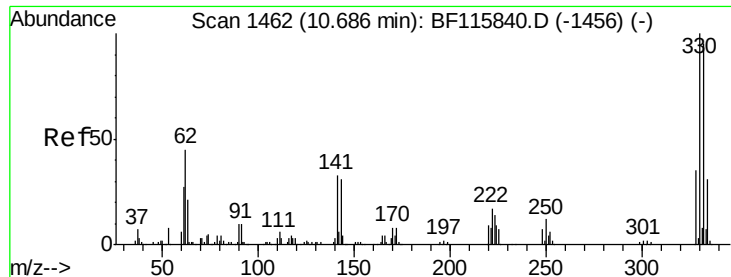
Tot Ion: 82 Resp: 923512
 Ion Ratio Lower Upper
 82 100
 128 43.8 36.5 54.7
 54 45.9 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

Tgt Ion: 164 Resp: 296646
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 124.0
 160 46.6 37.6 56.4

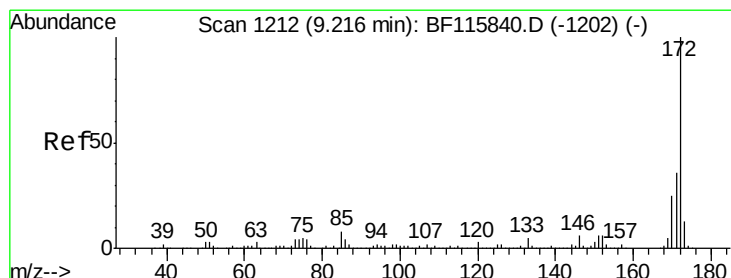
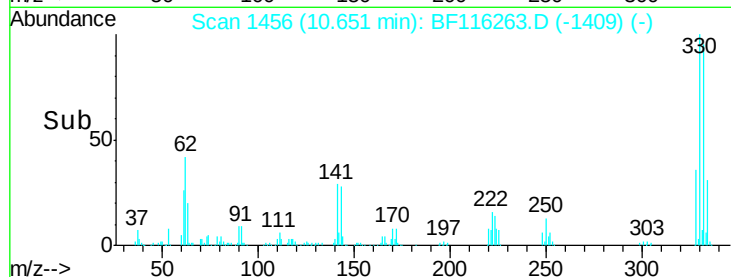
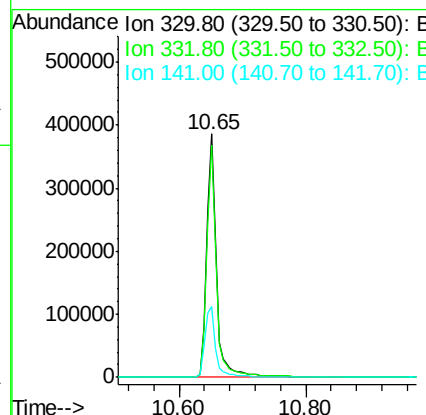
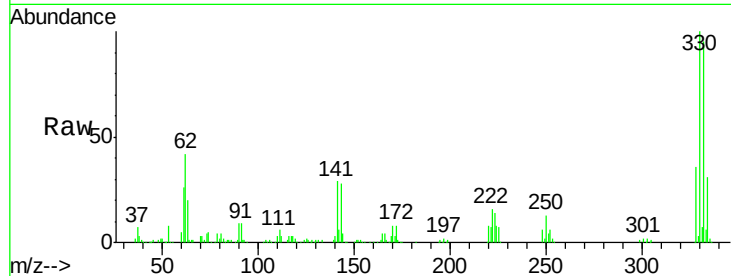




#42
 2,4,6-Tribromophenol
 Concen: 142.452 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

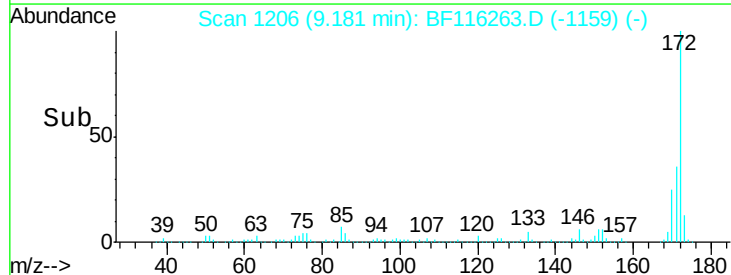
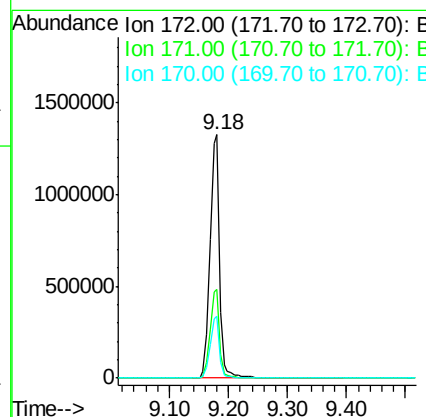
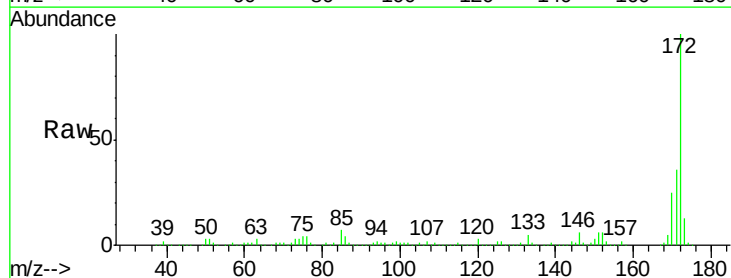
Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

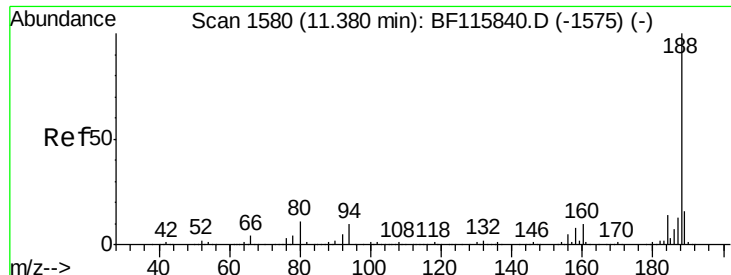
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.8	115.2
141	32.4	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 94.954 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.2	20.1	30.1

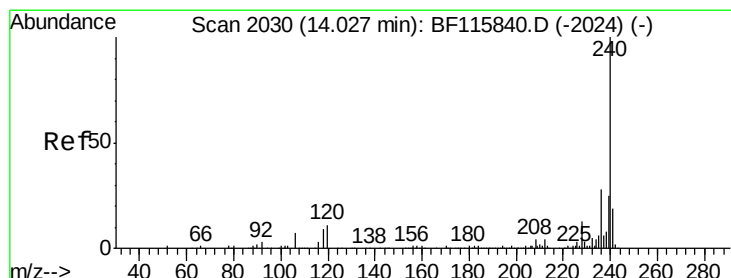
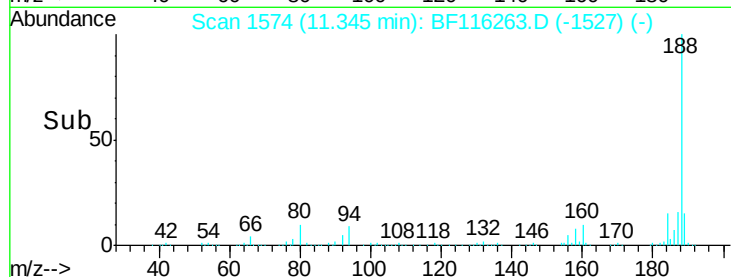
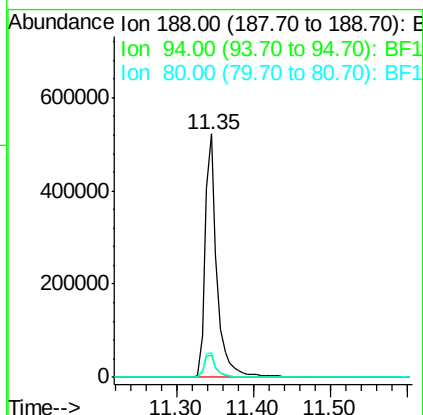
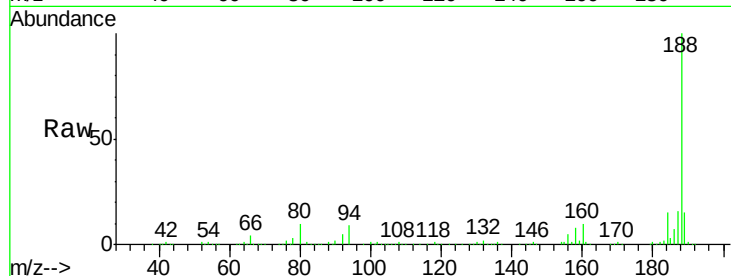




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

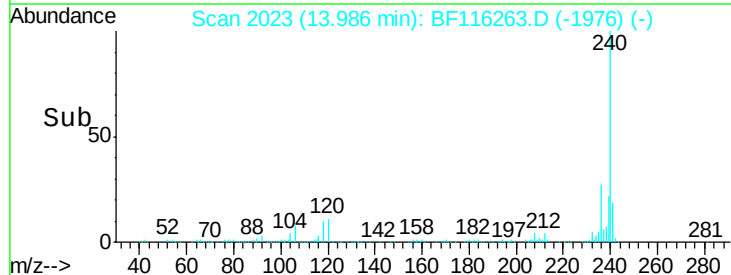
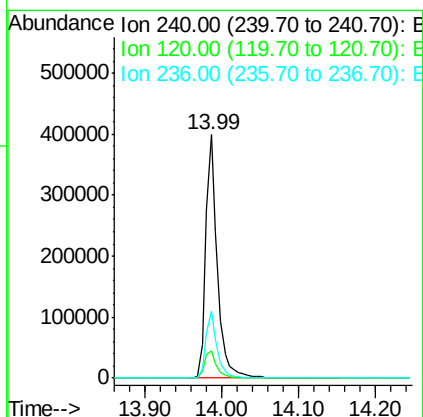
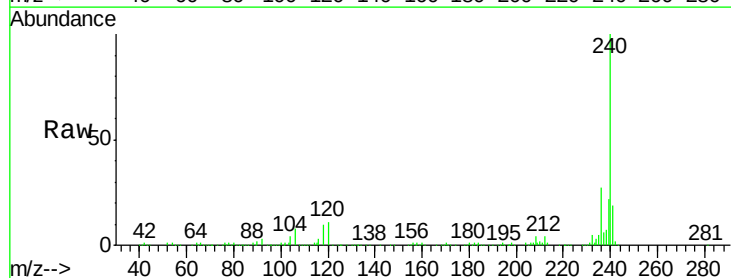
Instrument :
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2S-F1-F4-COMP-(1)

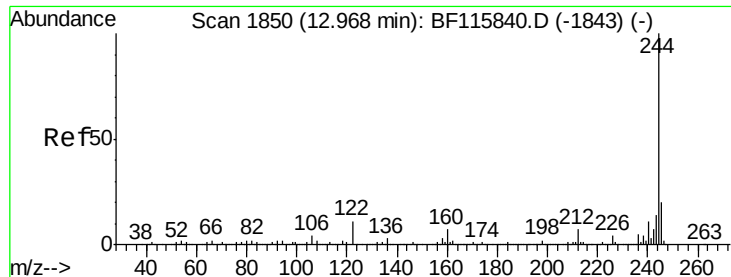
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	10.1	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.7	16.1
236	27.3	22.2	33.2



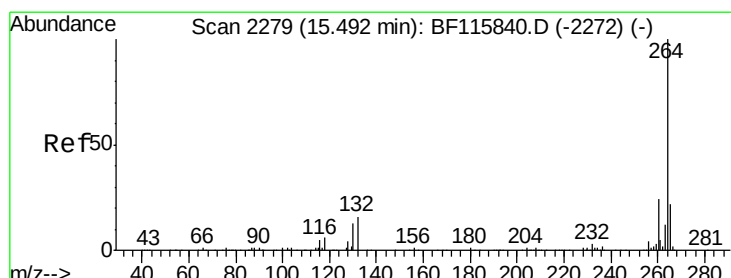
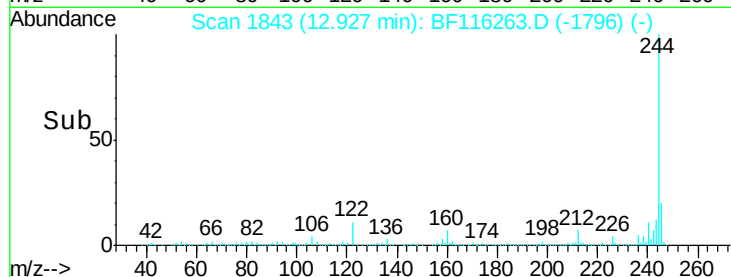
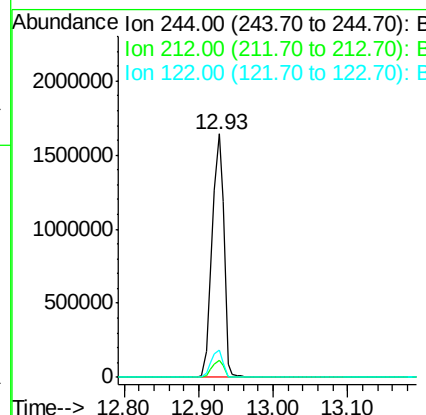
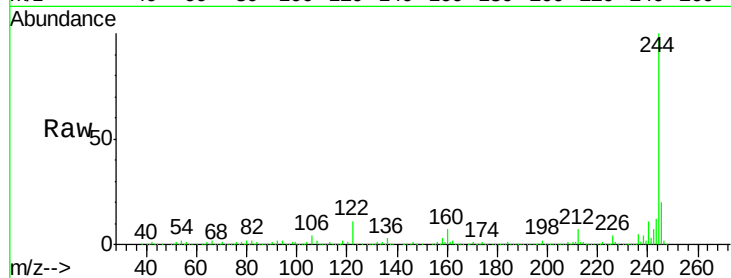


#79
 Terphenyl-d14
 Concen: 92.373 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

Tot Ion:244 Resp: 1818197

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.0	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

Tgt Ion:264 Resp: 373720

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.6	17.4	26.0

