

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116713.D
 Acq On : 31 Aug 2019 23:31
 Operator : HP/JU
 Sample : K4547-27
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-G

Quant Time: Sep 01 01:28:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	118152	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	464481	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	241057	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	391982	20.00	ng	0.00
76) Chrysene-d12	13.99	240	247142	20.00	ng	-0.01
87) Perylene-d12	15.44	264	270593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	796734	109.25	ng	0.00
7) Phenol-d6	6.47	99	962306	100.48	ng	0.00
23) Nitrobenzene-d5	7.40	82	744448	91.50	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	227797	141.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1211506	84.78	ng	0.00
79) Terphenyl-d14	12.94	244	1193867	89.37	ng	0.00

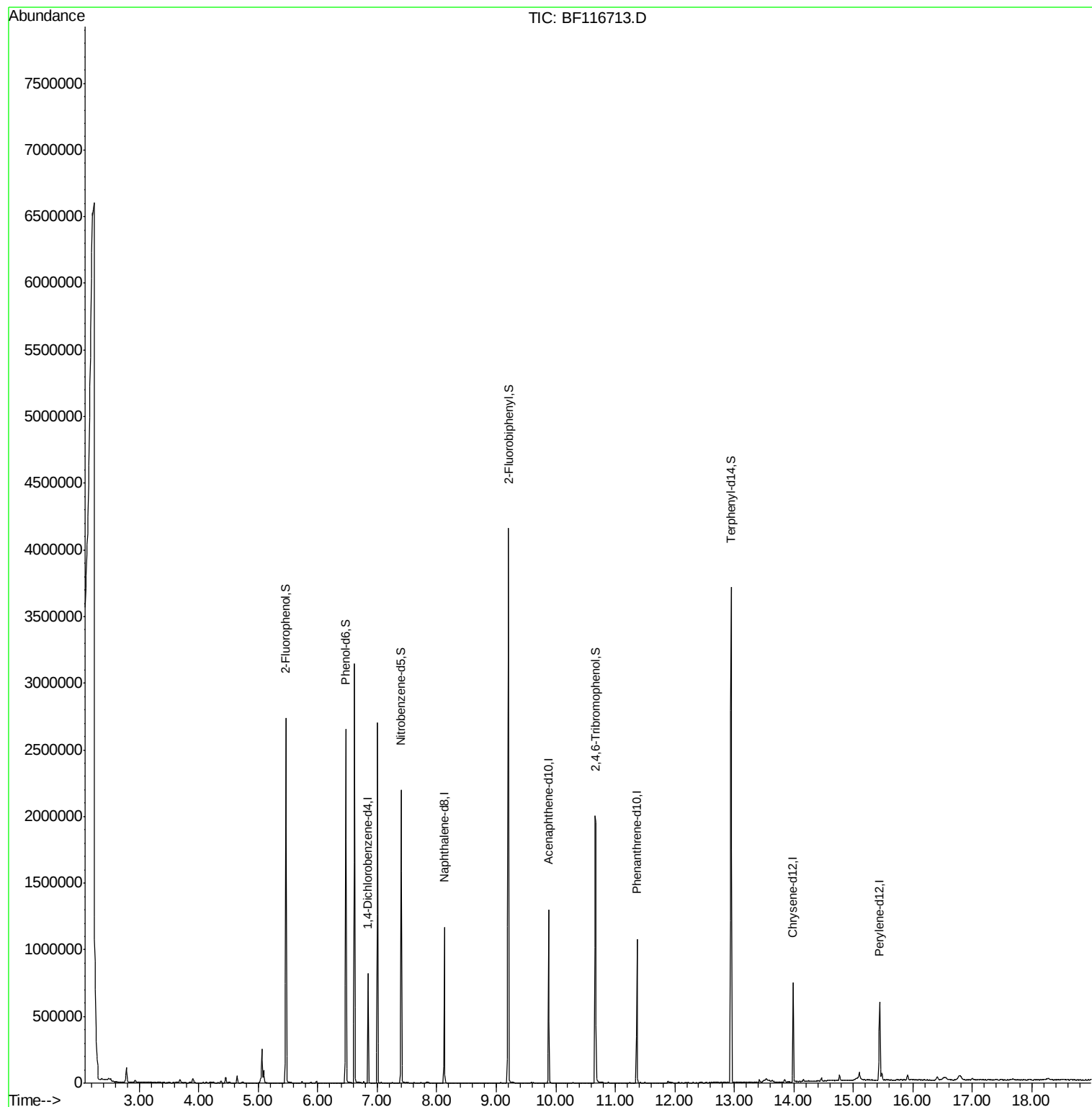
Target Compounds Qvalue

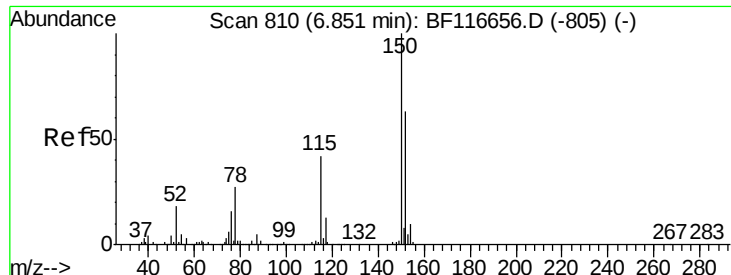
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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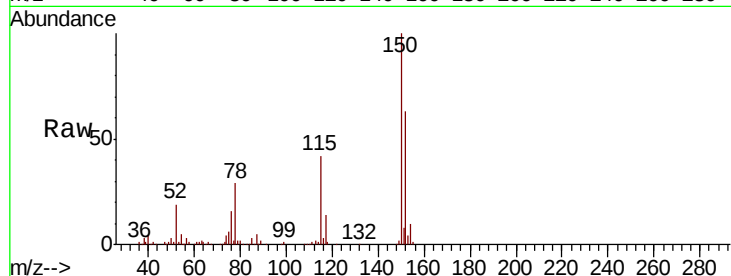


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116713.D
Acq: 31 Aug 2019 23:31

Instrument :
BNA_F
ClientSampled :
T3-S-G

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.4	186.6
115	66.7	49.9	74.9

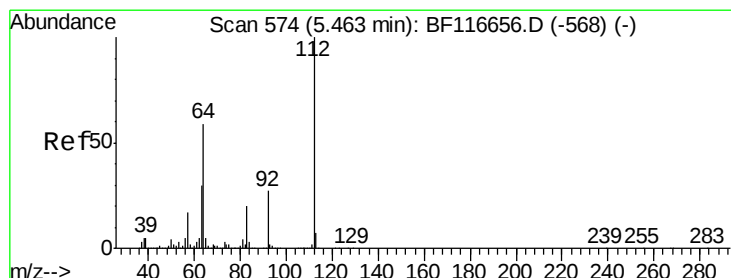
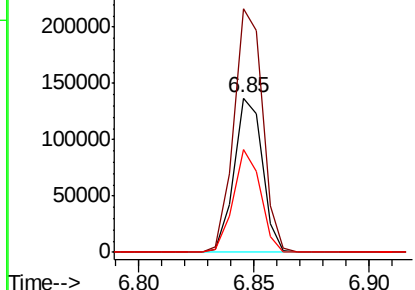
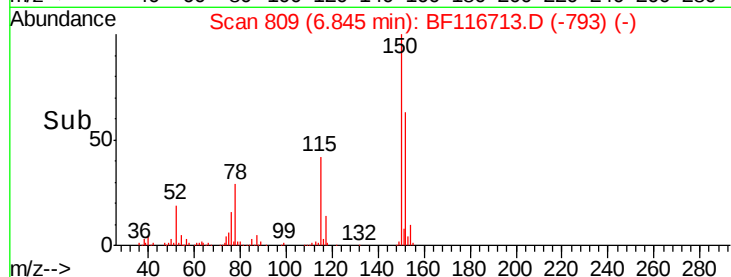


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

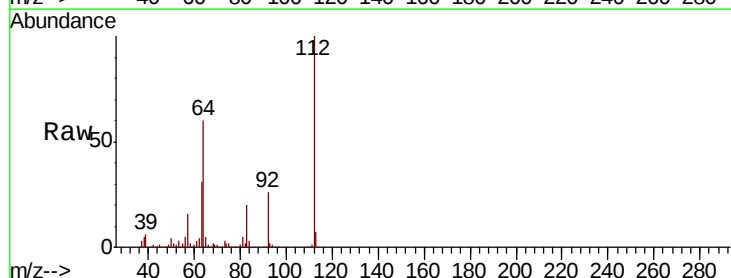
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 109.245 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116713.D
Acq: 31 Aug 2019 23:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.1	70.7
63	30.9	24.9	37.3

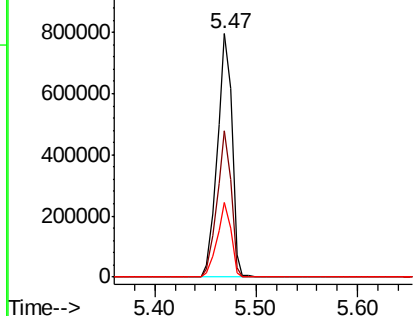
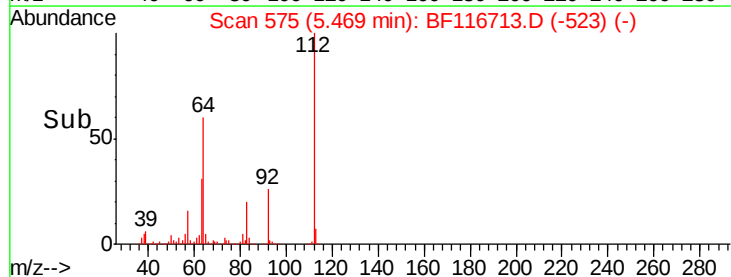


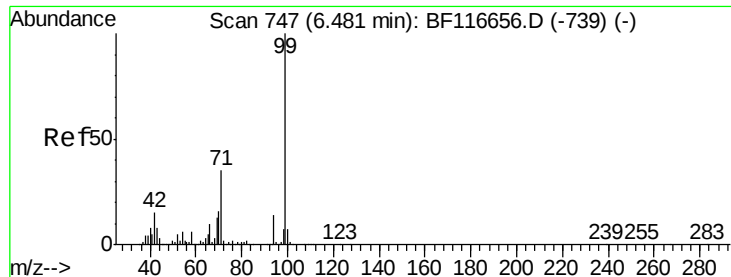
Abundance

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: 100.485 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116713.D

Acq: 31 Aug 2019 23:31

Instrument :

BNA_F

ClientSampleId :

T3-S-G

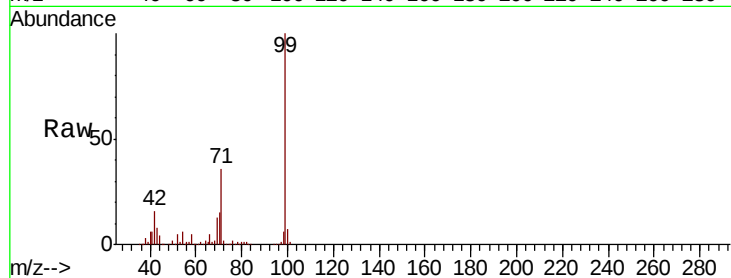
Tot Ion: 99 Resp: 962306

Ion Ratio Lower Upper

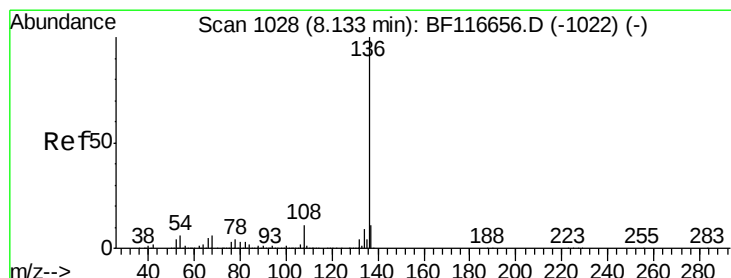
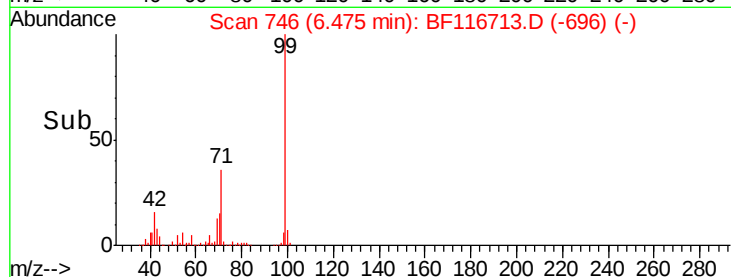
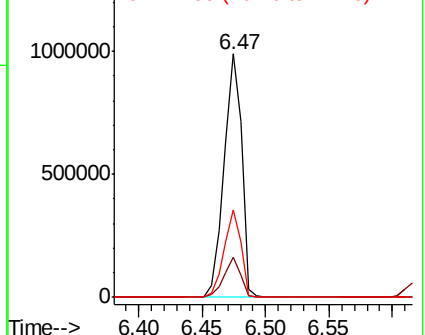
99 100

42 16.2 13.7 20.5

71 36.0 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116713.D

Acq: 31 Aug 2019 23:31

Tgt Ion: 136 Resp: 464481

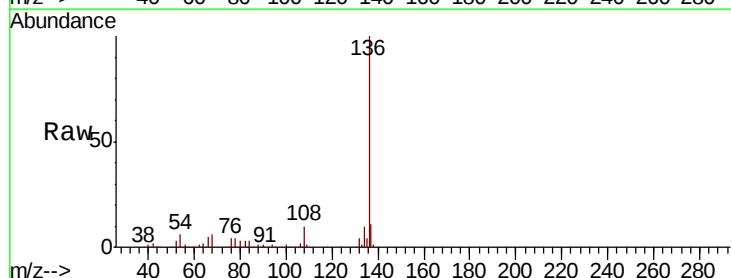
Ion Ratio Lower Upper

136 100

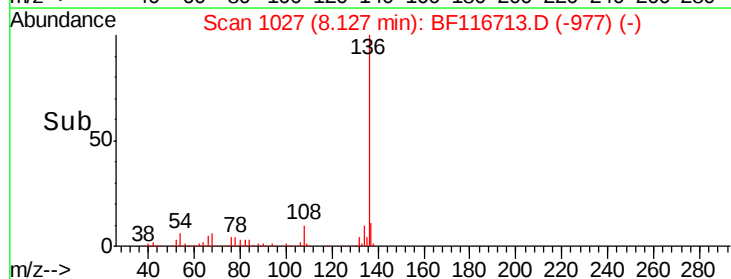
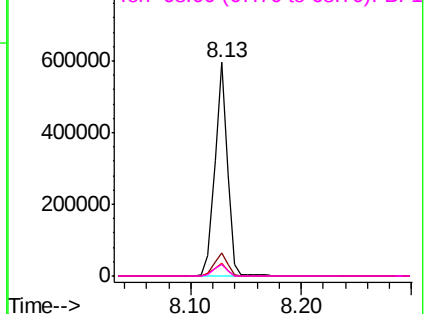
137 10.9 8.9 13.3

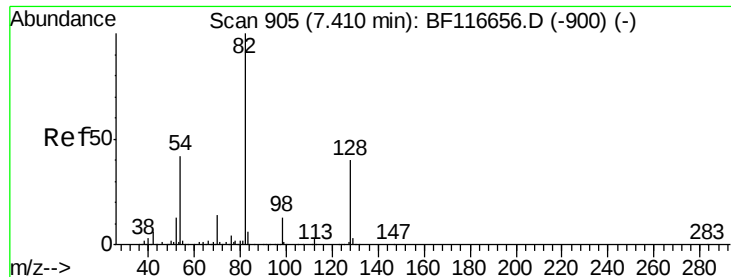
54 6.3 4.8 7.2

68 5.5 4.0 6.0



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

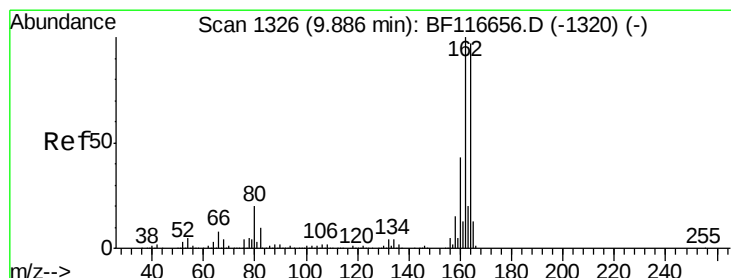
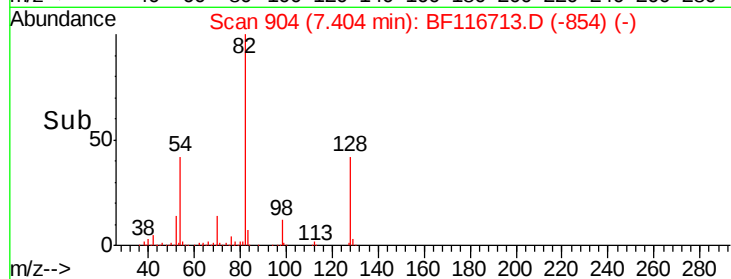
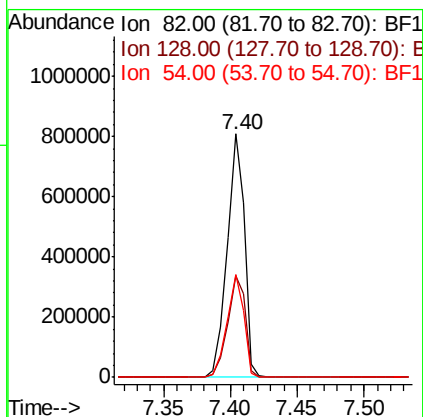
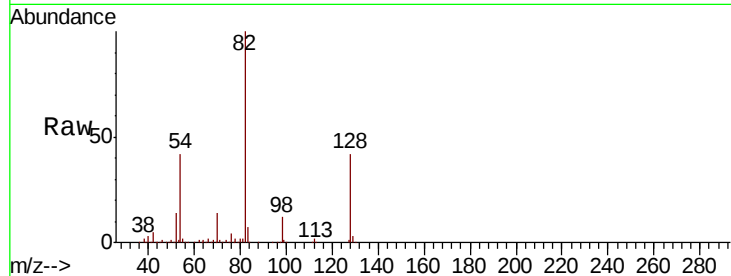




#23
 Nitrobenzene-d5
 Concen: 91.497 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116713.D
 Acq: 31 Aug 2019 23:31

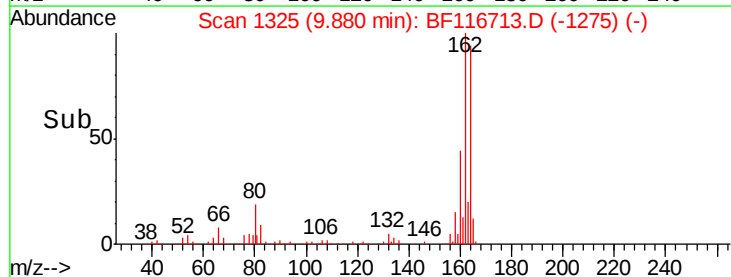
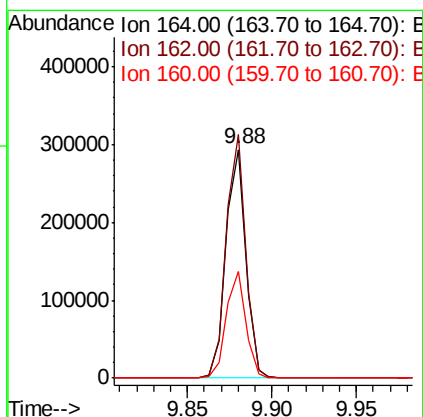
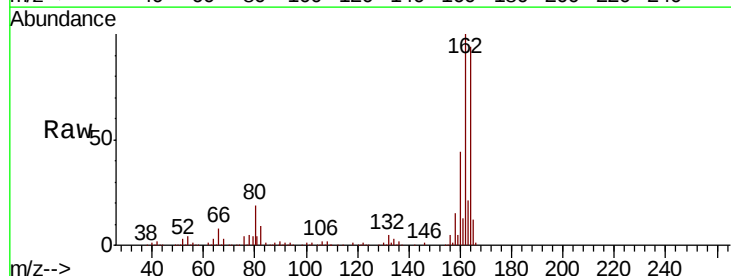
Instrument :
 BNA_F
 ClientSampleId :
 T3-S-G

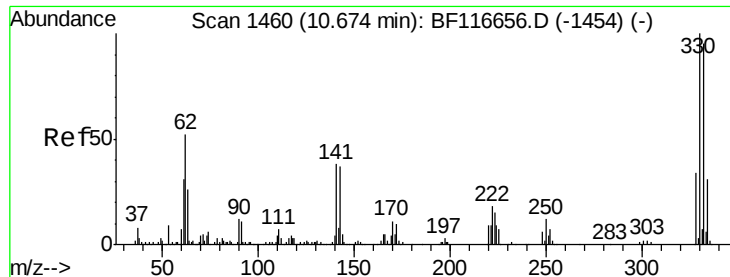
Tot Ion	82	Resp	744448
Ion Ratio	Lower	Upper	
82	100		
128	42.0	32.8	49.2
54	42.2	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116713.D
 Acq: 31 Aug 2019 23:31

Tgt Ion	164	Resp	241057
Ion Ratio	Lower	Upper	
164	100		
162	106.5	81.4	122.0
160	46.6	35.4	53.2

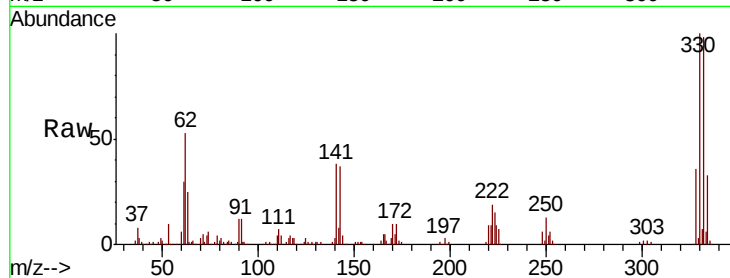




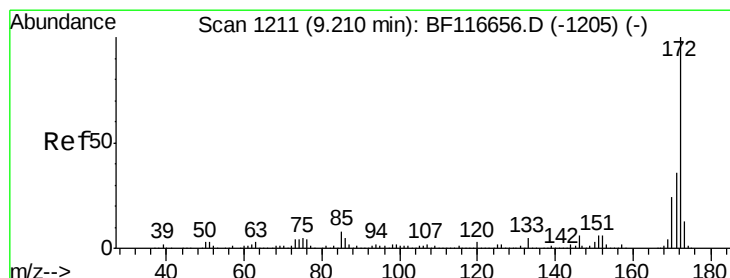
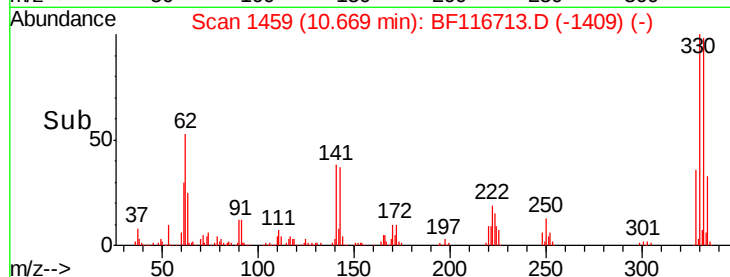
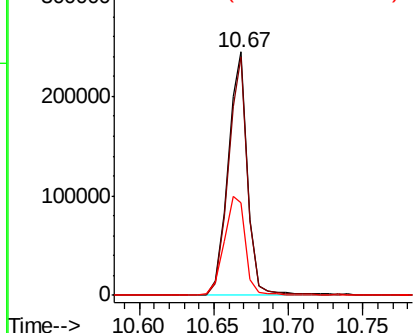
#42
 2,4,6-Tribromophenol
 Concen: 141.356 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116713.D
 Acq: 31 Aug 2019 23:31

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-G

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.9	115.3
141	44.6	31.4	47.2

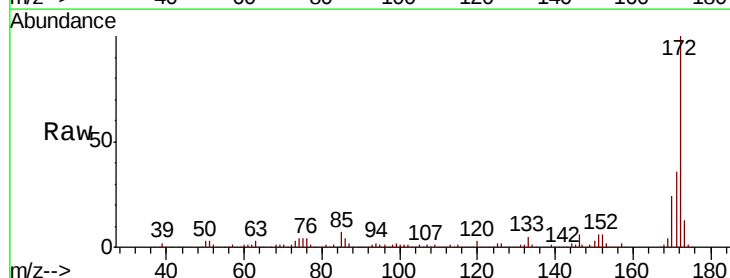


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

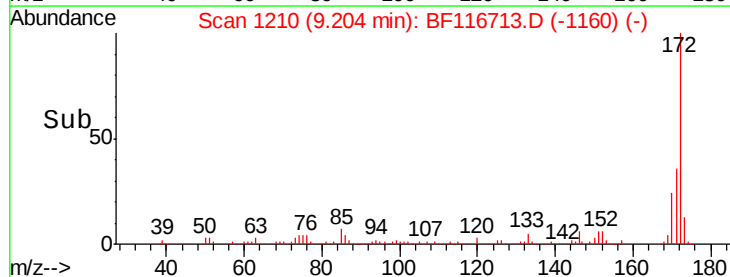
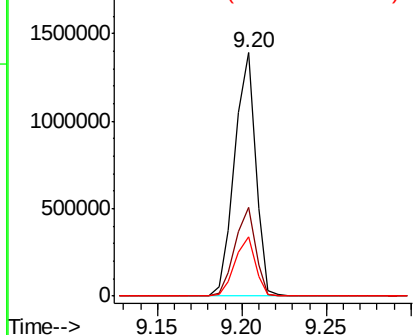


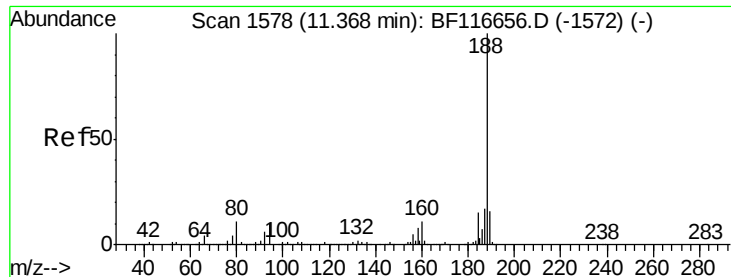
#45
 2-Fluorobiphenyl
 Concen: 84.780 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF116713.D
 Acq: 31 Aug 2019 23:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	27.8	41.6
170	24.4	18.9	28.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116713.D

Acq: 31 Aug 2019 23:31

Instrument :

BNA_F

ClientSampleId :

T3-S-G

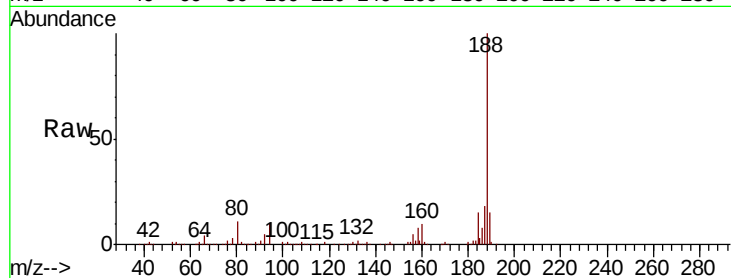
Tot Ion:188 Resp: 391982

Ion Ratio Lower Upper

188 100

94 10.1 7.3 10.9

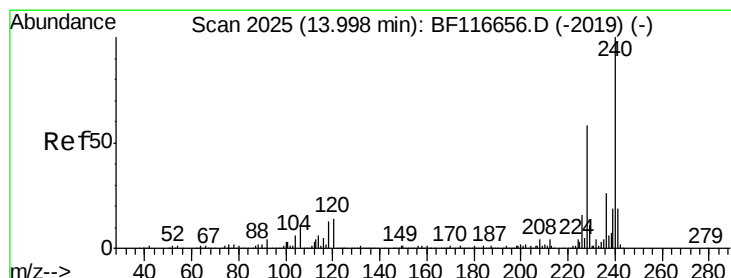
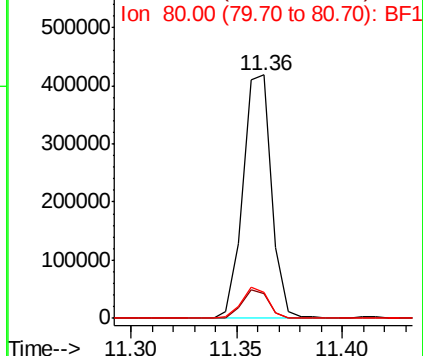
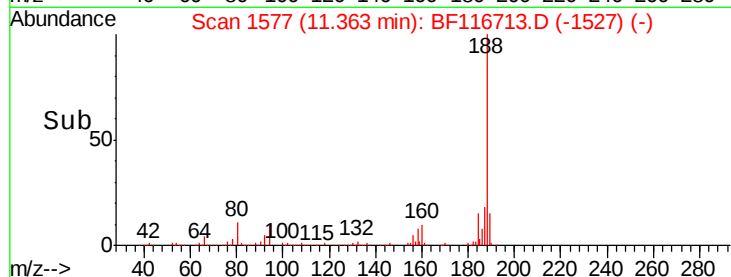
80 10.9 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF116713.D

Acq: 31 Aug 2019 23:31

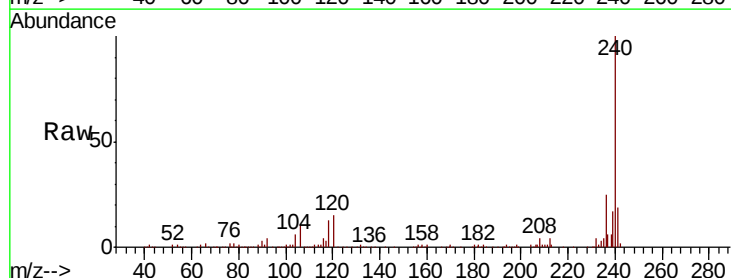
Tgt Ion:240 Resp: 247142

Ion Ratio Lower Upper

240 100

120 14.6 9.1 13.7#

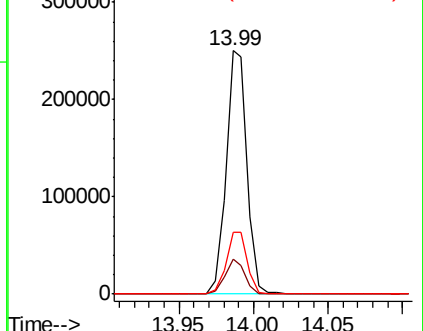
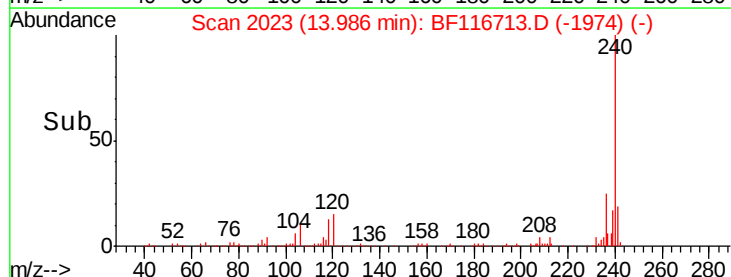
236 25.3 21.1 31.7

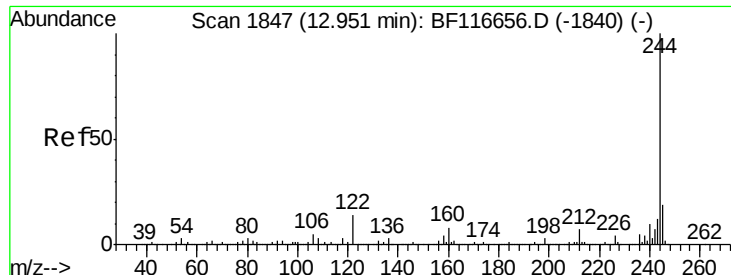


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



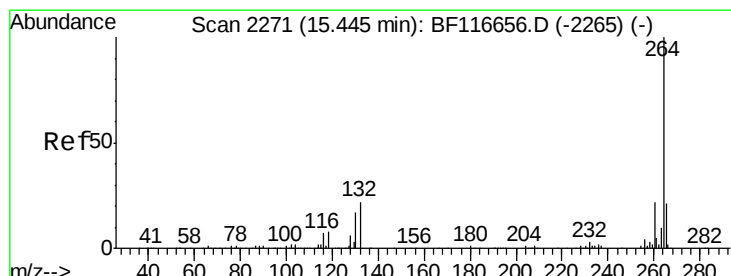
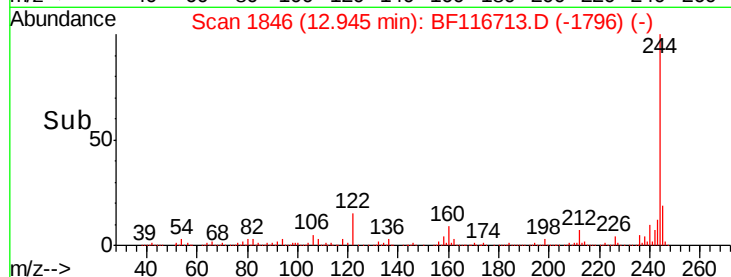
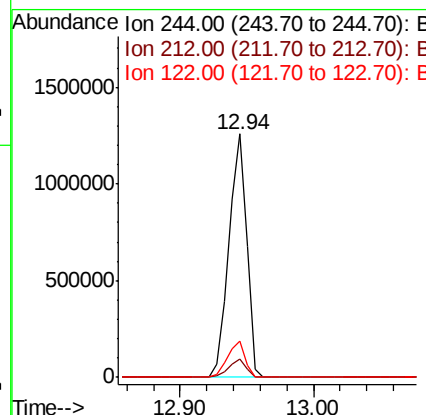
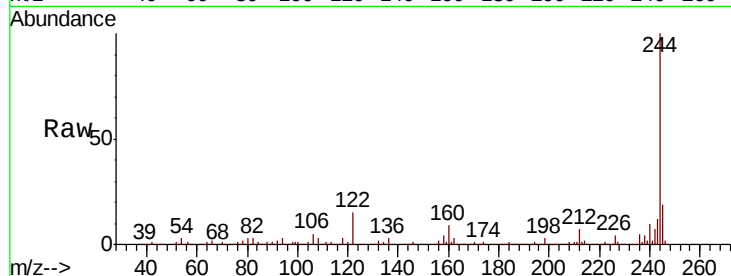


#79
 Terphenyl-d14
 Concen: 89.365 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116713.D
 Acq: 31 Aug 2019 23:31

Instrument :
 BNA_F
 ClientSampleId :
 T3-S-G

Tot Ion:244 Resp: 1193867

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	15.0	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF116713.D
 Acq: 31 Aug 2019 23:31

Tgt Ion:264 Resp: 270593

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.2	16.5	24.7

