

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020619\
 Data File : BF112419.D
 Acq On : 6 Feb 2019 14:52
 Operator : JU/SJ
 Sample : K1338-03 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-B

Quant Time: Feb 06 16:15:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145118	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	581715	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	285893	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	536449	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	328582	20.00	ng	-0.01
87) Perylene-d12	15.47	264	332151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	157495	23.05	ng	-0.02
7) Phenol-d6	6.48	99	200961	21.17	ng	-0.01
23) Nitrobenzene-d5	7.39	82	119292	11.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	60077	18.05	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	244570	12.10	ng	-0.02
79) Terphenyl-d14	12.93	244	221897	12.72	ng	-0.02

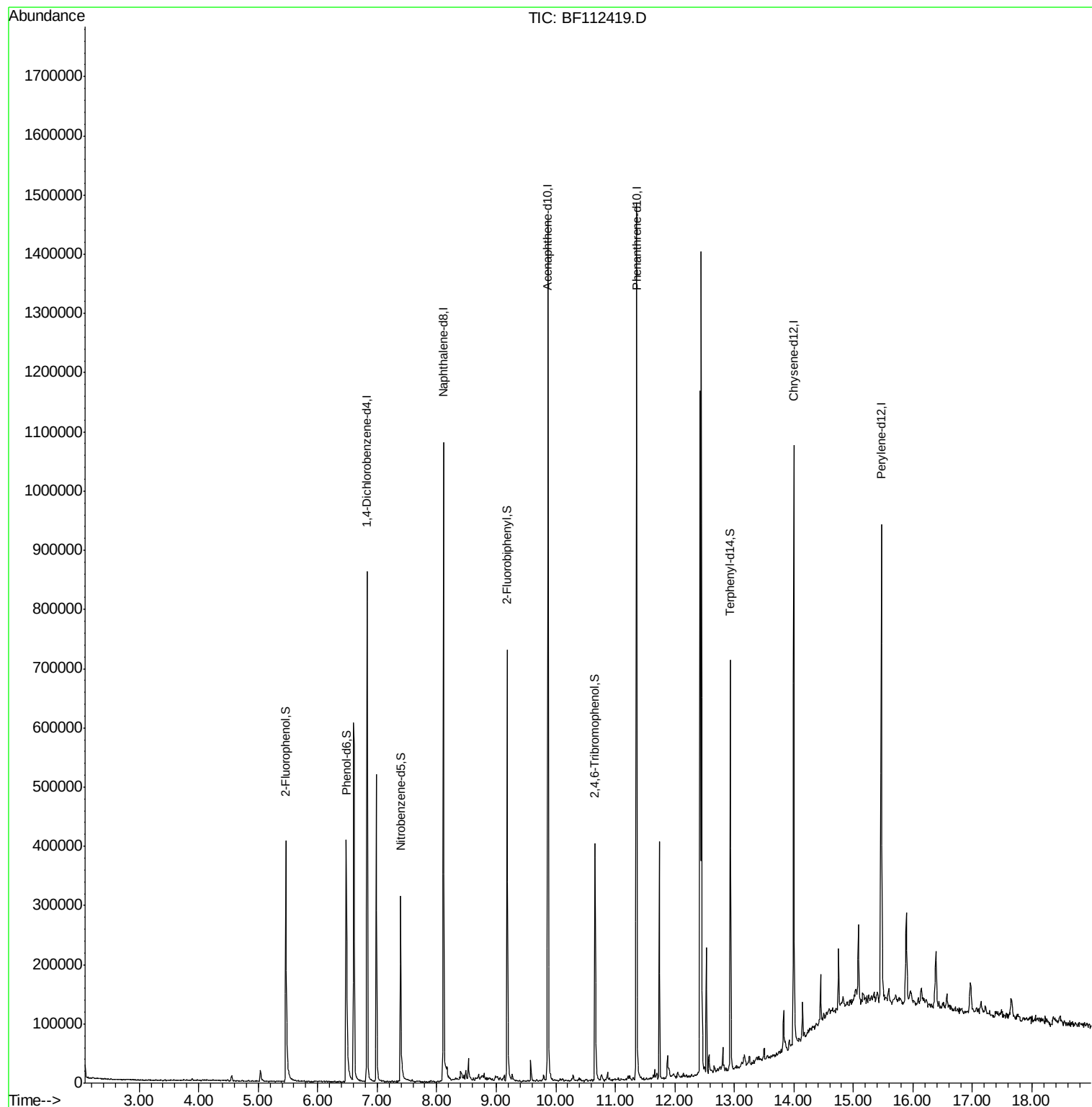
Target Compounds Qvalue

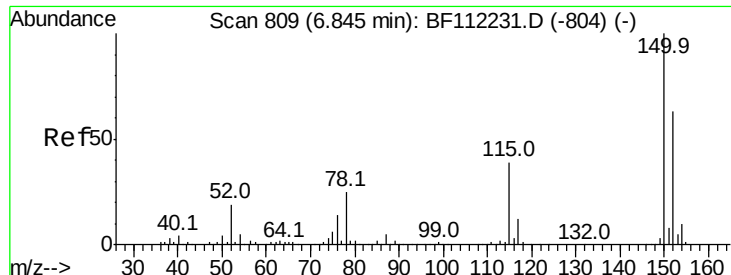
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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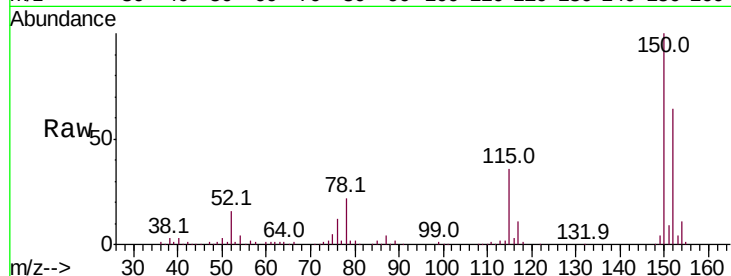


#1

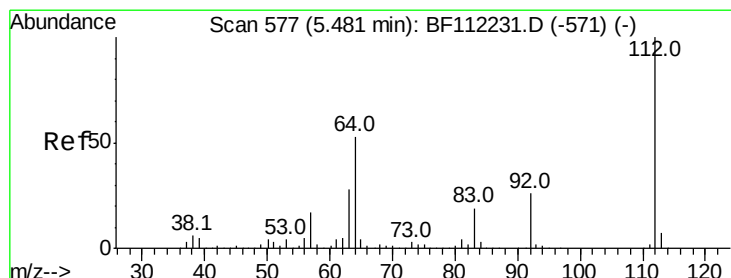
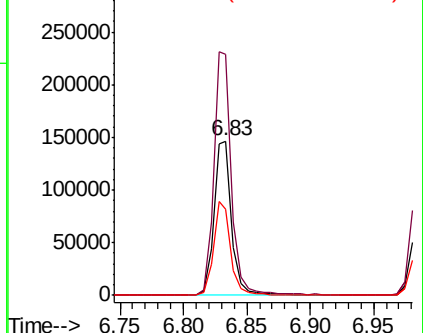
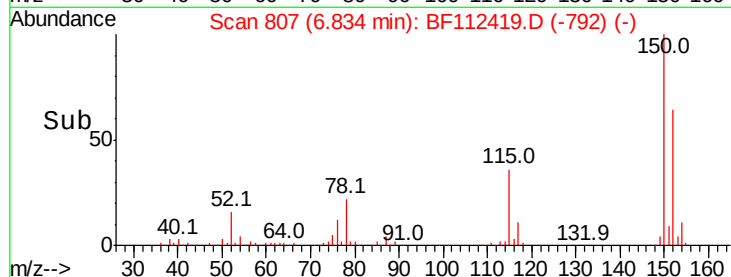
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112419.D
Acq: 6 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :
AU-06-020519-B

Tot Ion:152 Resp: 145118
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 55.7 45.5 68.3



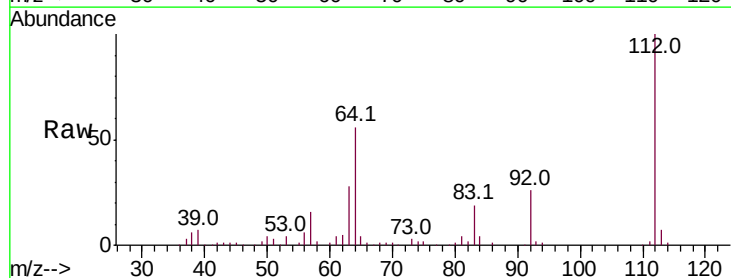
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



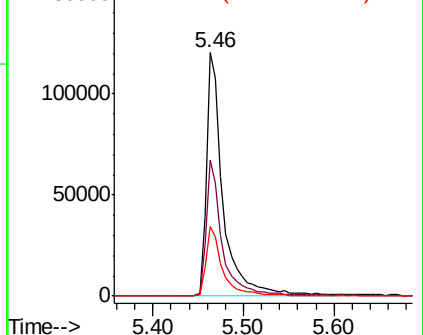
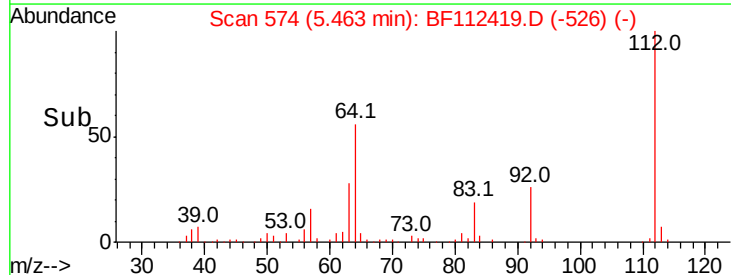
#5

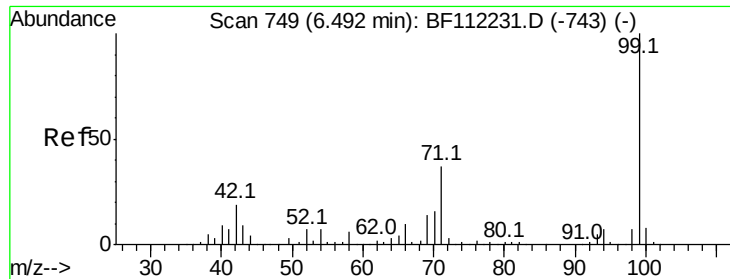
2-Fluorophenol
Concen: 23.052 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112419.D
Acq: 6 Feb 2019 14:52

Tgt Ion:112 Resp: 157495
Ion Ratio Lower Upper
112 100
64 56.1 45.7 68.5
63 28.4 23.6 35.4



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: 21.168 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

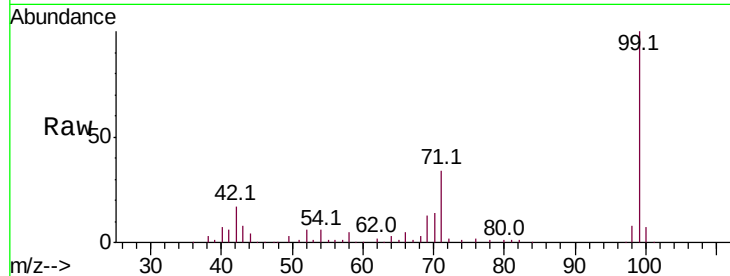
Tot Ion: 99 Resp: 200961

Ion Ratio Lower Upper

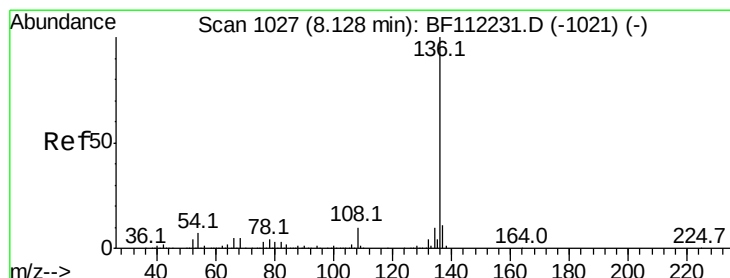
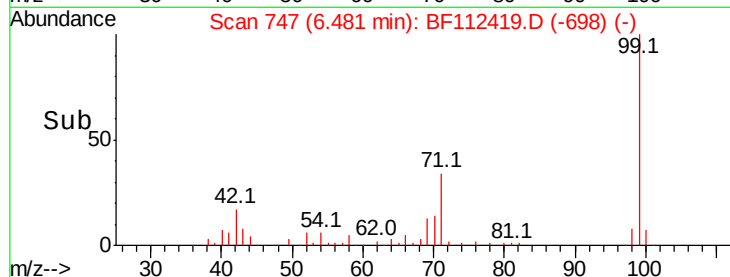
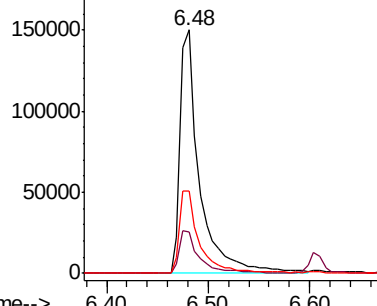
99 100

42 17.0 15.1 22.7

71 33.8 26.9 40.3



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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Tgt Ion: 136 Resp: 581715

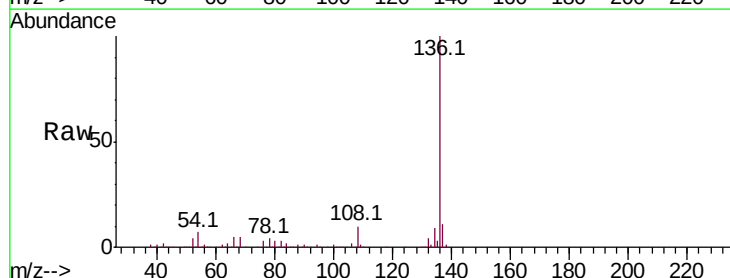
Ion Ratio Lower Upper

136 100

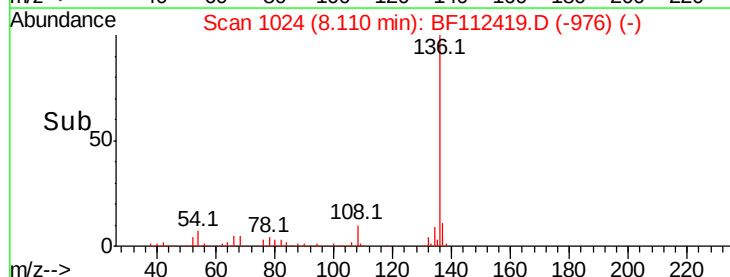
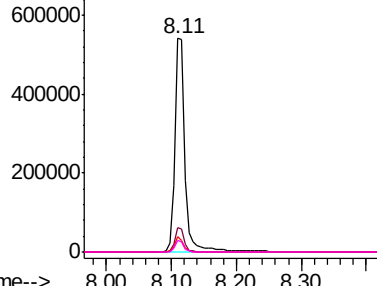
137 11.3 9.1 13.7

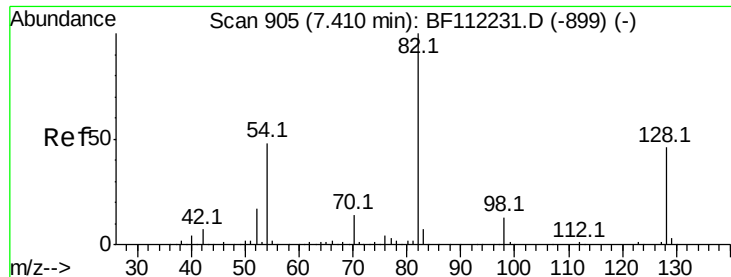
54 7.1 5.9 8.9

68 5.3 5.1 7.7



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

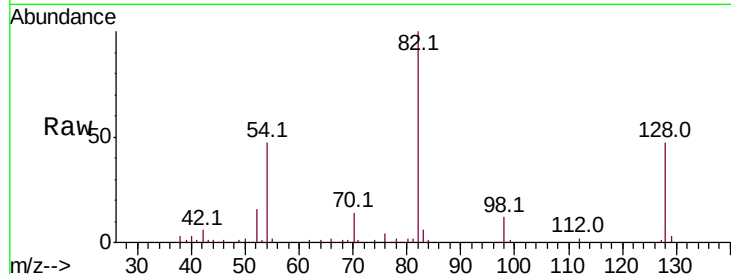




#23
 Nitrobenzene-d5
 Concen: 11.816 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF112419.D
 Acq: 6 Feb 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.8	56.8
54	46.9	39.7	59.5

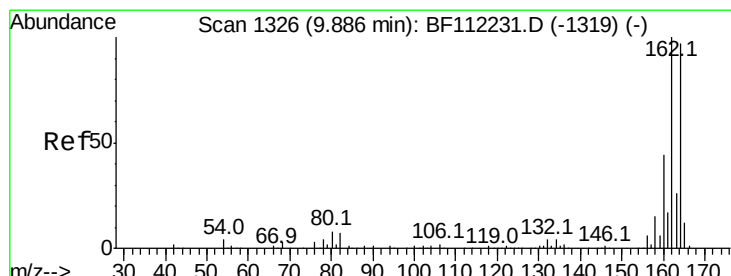
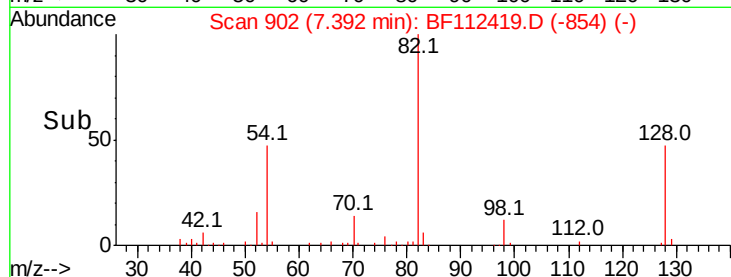
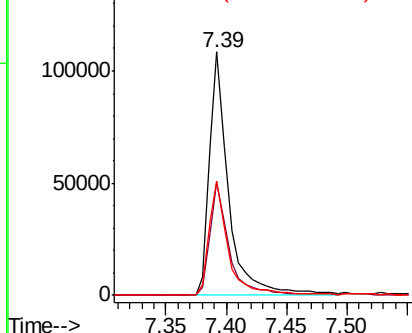


Abundance

Ion 82.00 (81.70 to 82.70): BF1

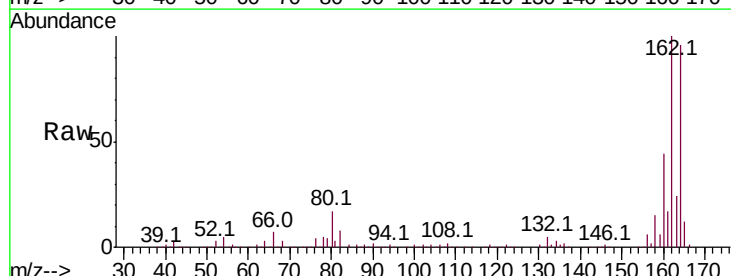
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112419.D
 Acq: 6 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	46.2	36.2	54.4

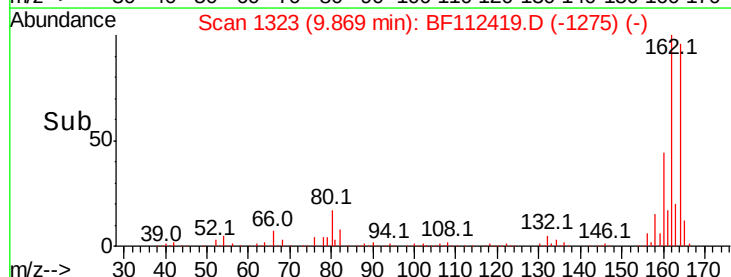
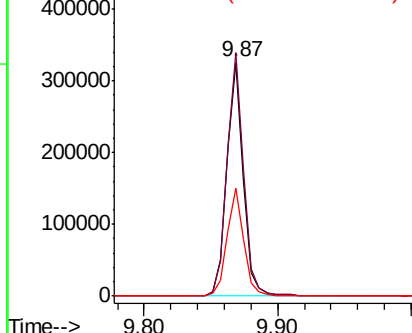


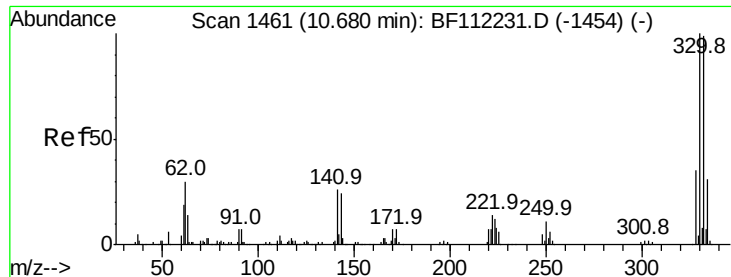
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

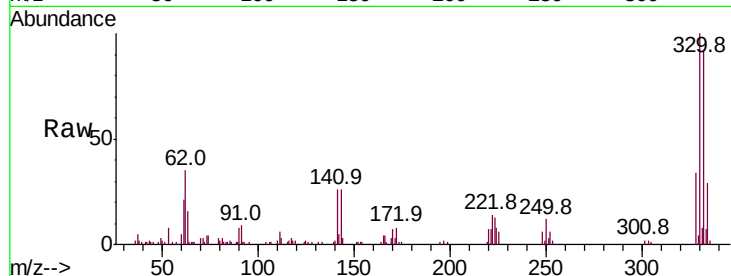




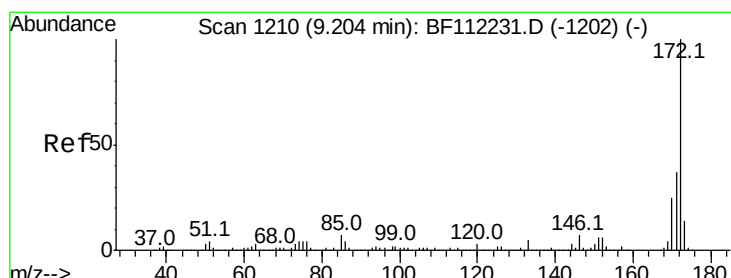
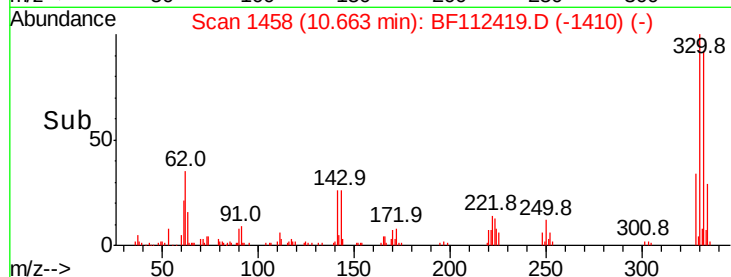
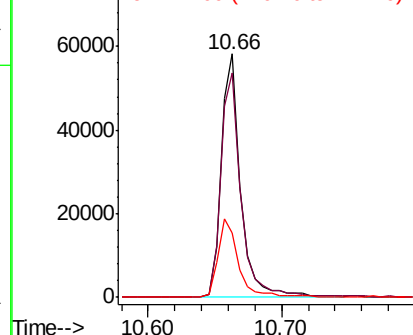
#42
 2,4,6-Tribromophenol
 Concen: 18.054 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112419.D
 Acq: 6 Feb 2019 14:52

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-020519-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	33.7	24.3	36.5

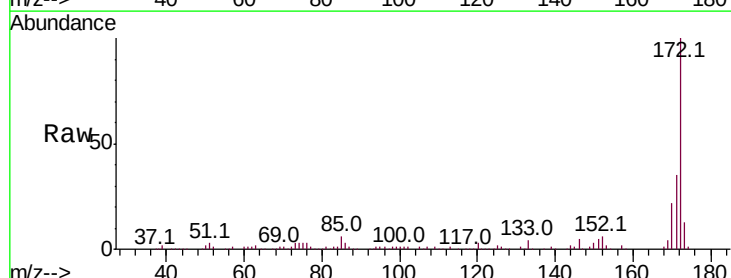


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

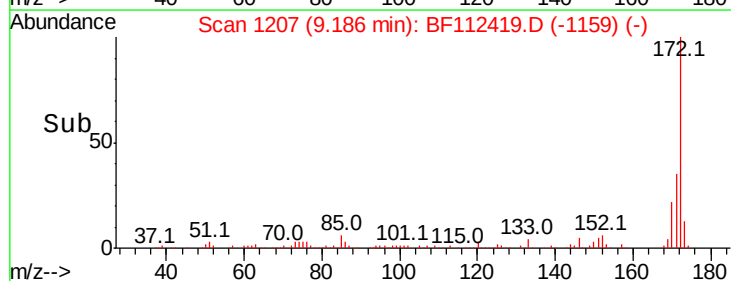
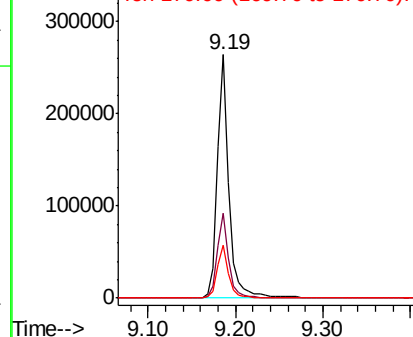


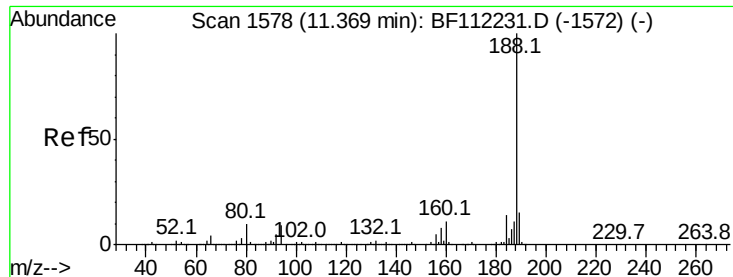
#45
 2-Fluorobiphenyl
 Concen: 12.099 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112419.D
 Acq: 6 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.5	45.7
170	21.7	20.2	30.4



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# 1576

Delta R.T. -0.01 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

AU-06-020519-B

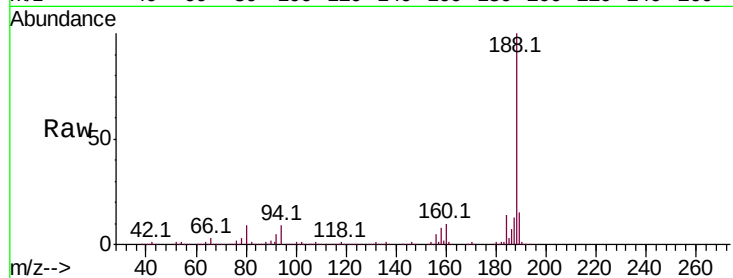
Tot Ion:188 Resp: 536449

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

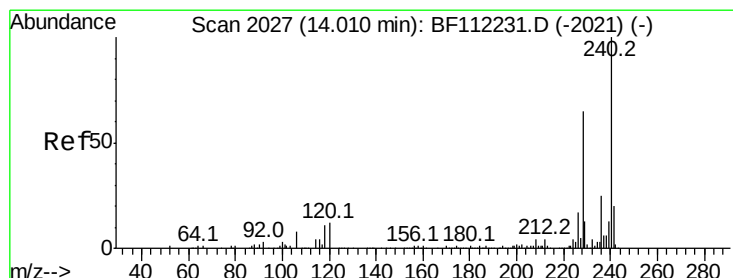
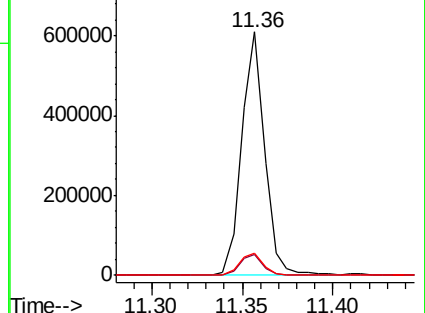
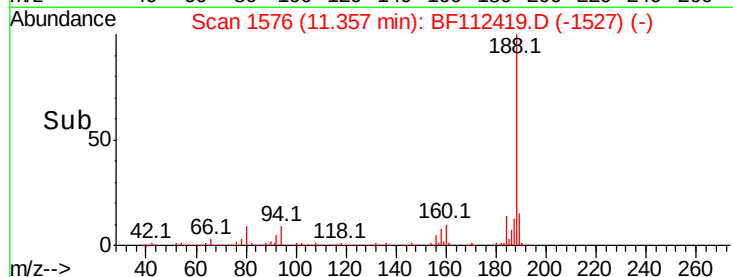
80 9.1 8.9 13.3



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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112419.D

Acq: 6 Feb 2019 14:52

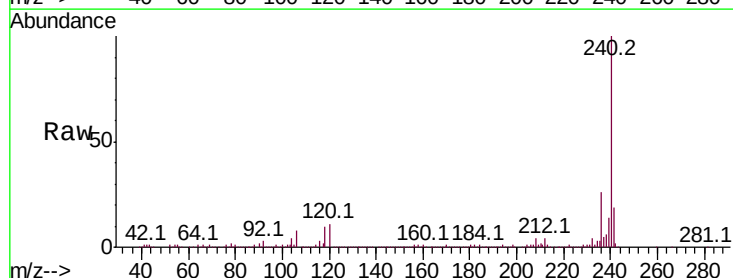
Tgt Ion:240 Resp: 328582

Ion Ratio Lower Upper

240 100

120 10.8 9.0 13.6

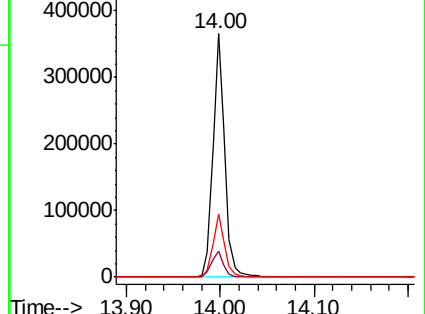
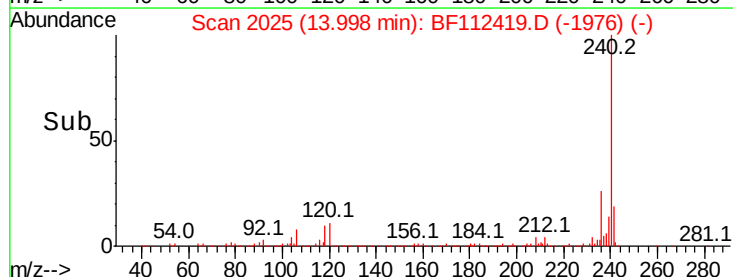
236 26.1 20.7 31.1

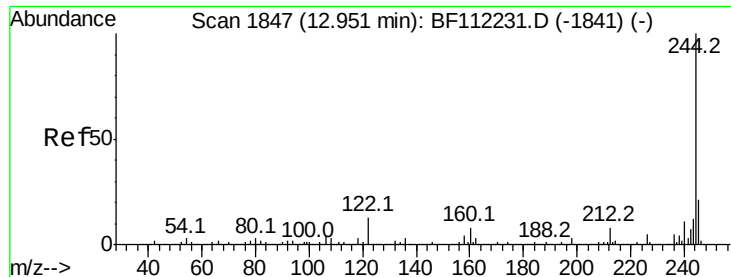


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

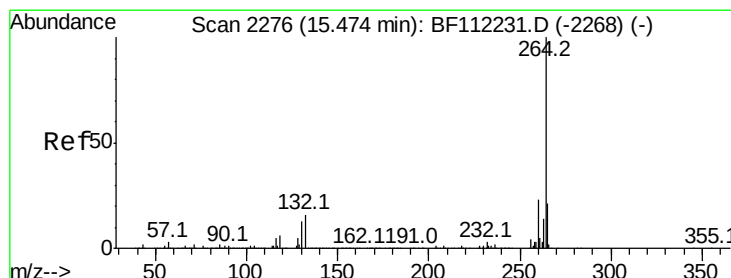
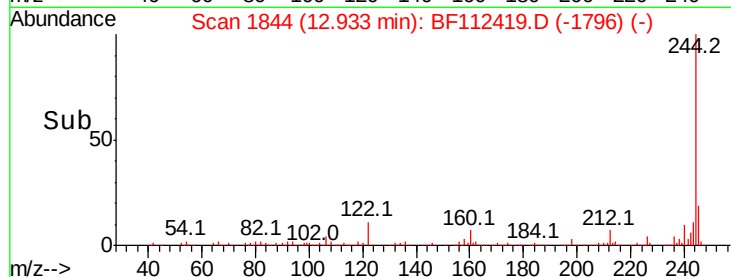
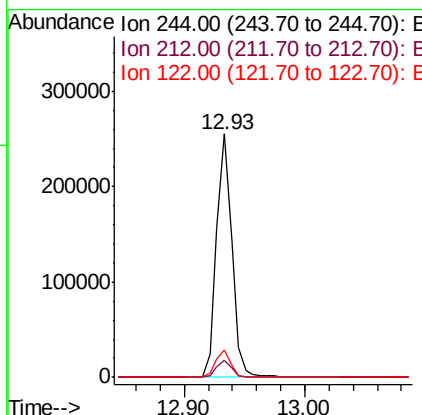
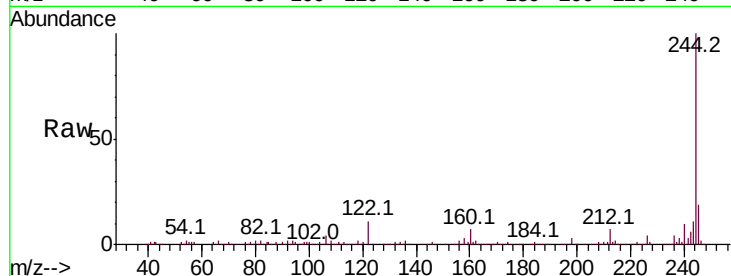




#79
 Terphenyl-d14
 Concen: 12.719 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF112419.D
 Acq: 6 Feb 2019 14:52

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Tot Ion:244 Resp: 221897
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.3 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112419.D
 Acq: 6 Feb 2019 14:52

Tgt Ion:264 Resp: 332151
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 20.8 17.0 25.4

