

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112698.D
 Acq On : 25 Feb 2019 17:52
 Operator : JU/SJ
 Sample : K1595-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Quant Time: Feb 26 00:18:28 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	6.82	152	16635	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	66480	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	33012	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	66730	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	50743	20.00	ng	-0.02
87) Perylene-d12	15.46	264	41626	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	125968	160.84	ng	-0.02
7) Phenol-d6	6.49	99	139556	128.24	ng	0.00
23) Nitrobenzene-d5	7.38	82	116150	100.67	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	55145	143.51	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	249565	106.92	ng	-0.04
79) Terphenyl-d14	12.91	244	302890	112.42	ng	-0.04

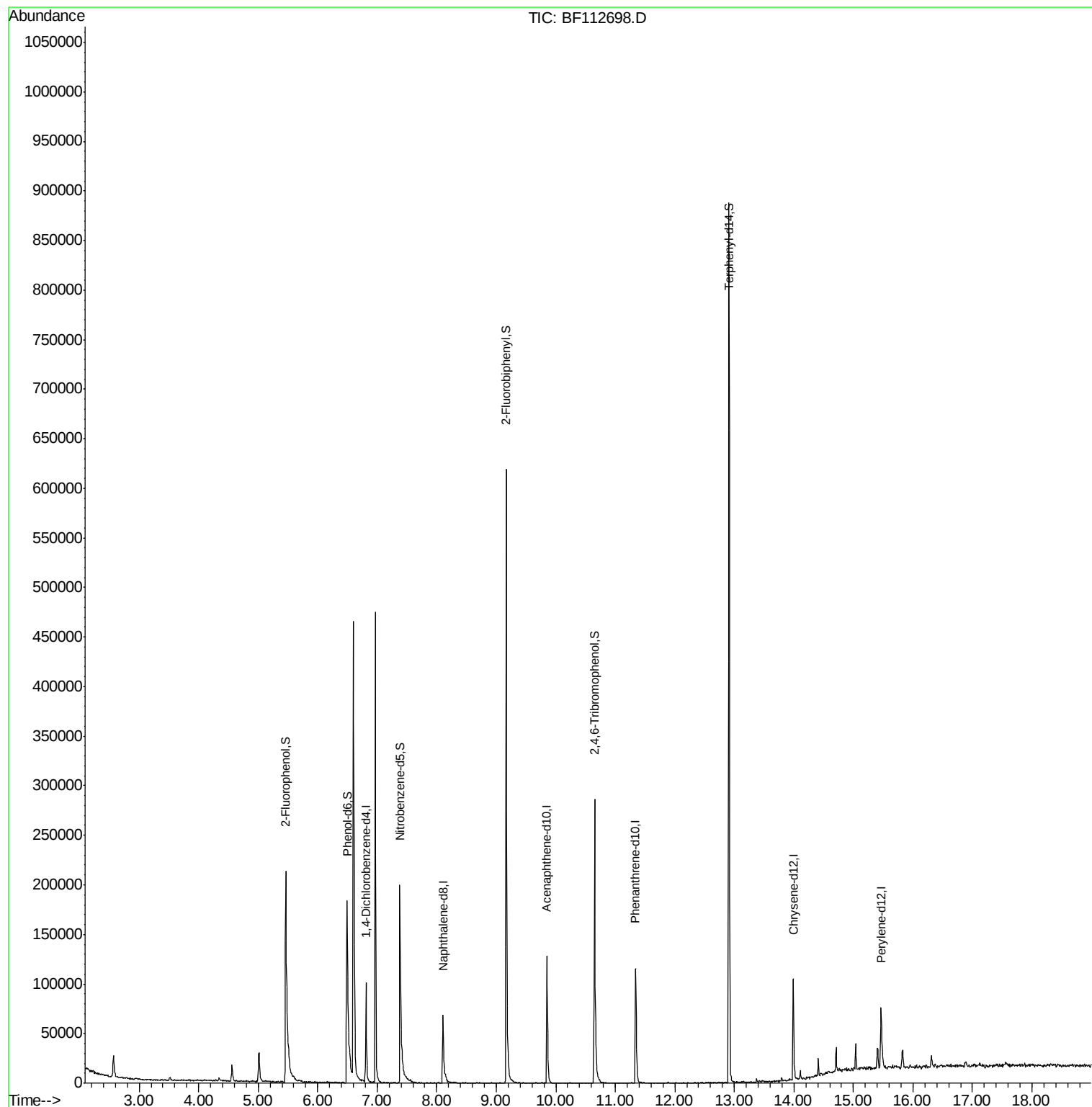
Target Compounds Qvalue

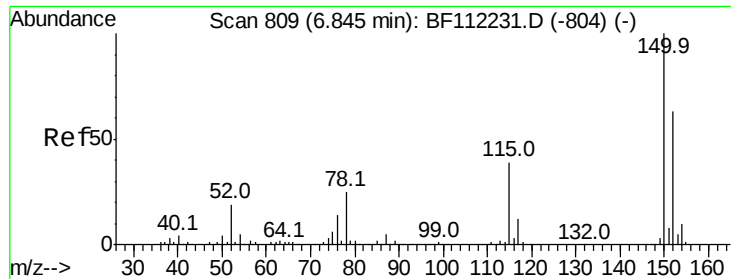
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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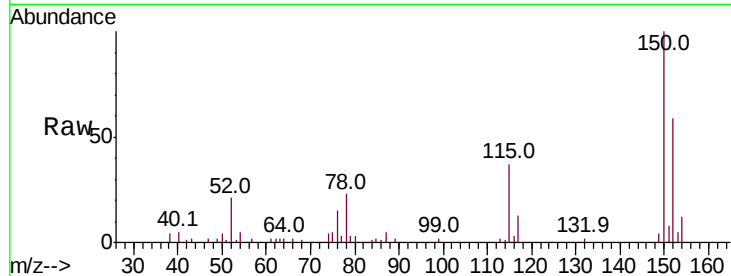


#1

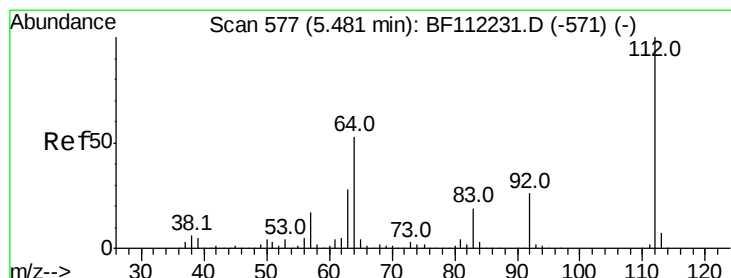
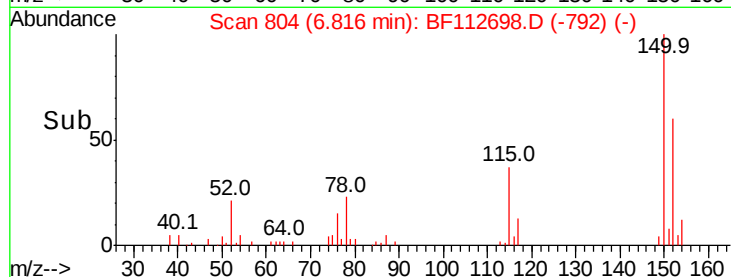
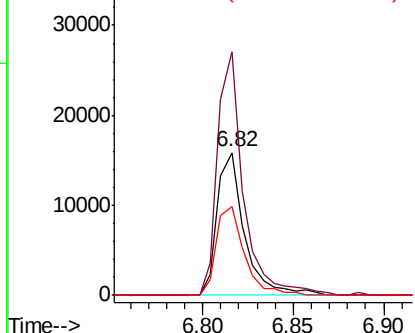
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Tot Ion:152 Resp: 16635
 Ion Ratio Lower Upper
 152 100
 150 170.3 127.4 191.0
 115 62.5 45.5 68.3



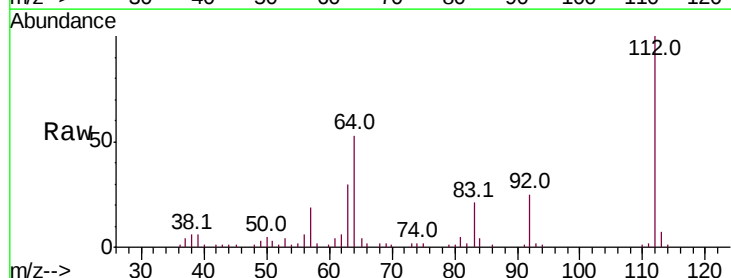
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



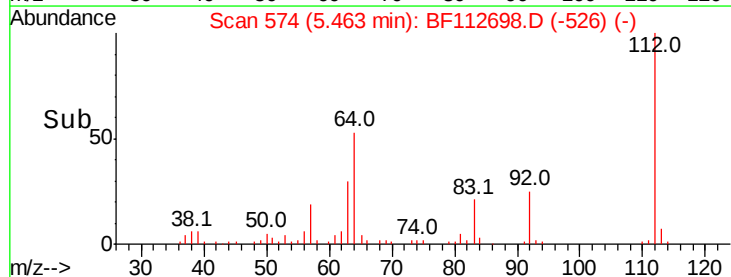
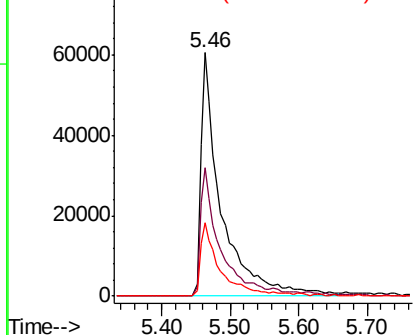
#5

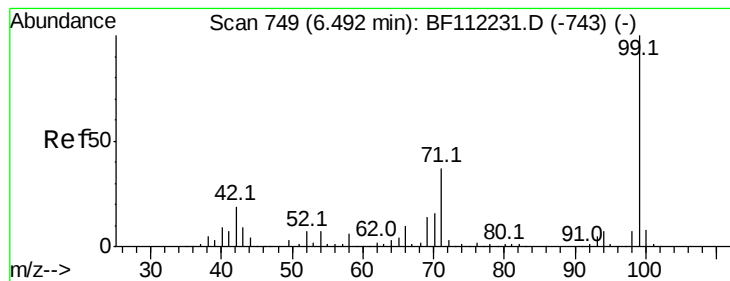
2-Fluorophenol
 Concen: 160.844 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

Tgt Ion:112 Resp: 125968
 Ion Ratio Lower Upper
 112 100
 64 52.7 45.7 68.5
 63 30.2 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: 128.239 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF112698.D

Acq: 25 Feb 2019 17:52

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B11

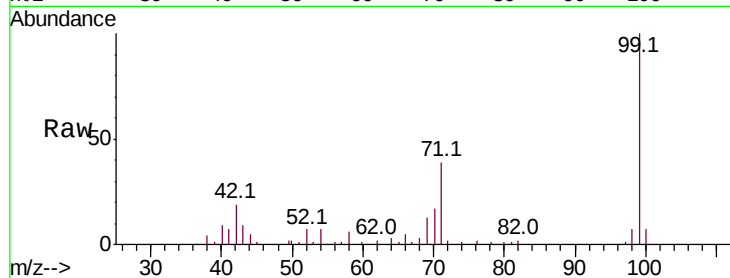
Tot Ion: 99 Resp: 139556

Ion Ratio Lower Upper

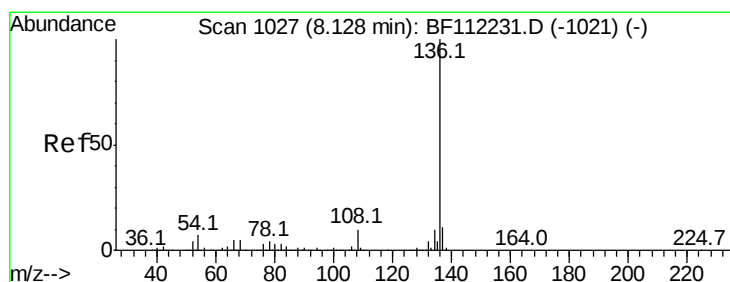
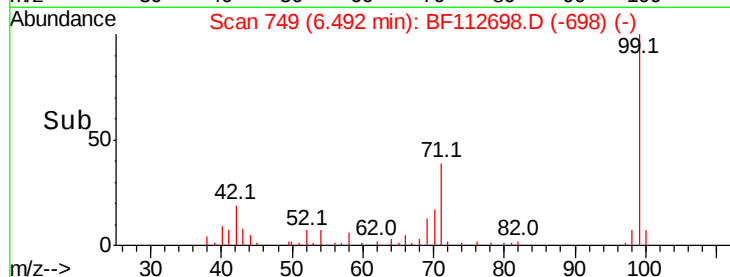
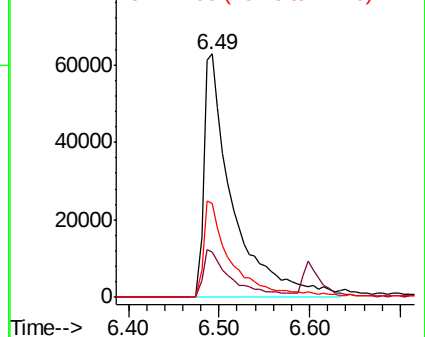
99 100

42 18.8 15.1 22.7

71 38.6 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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF112698.D

Acq: 25 Feb 2019 17:52

Tgt Ion: 136 Resp: 66480

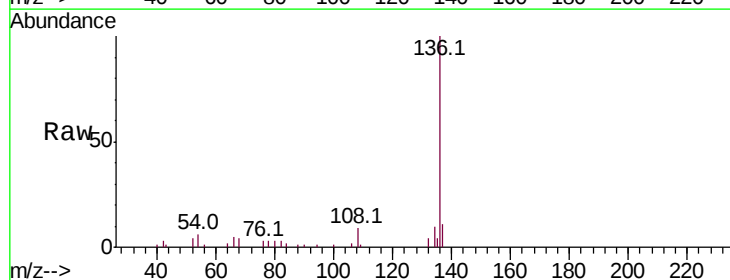
Ion Ratio Lower Upper

136 100

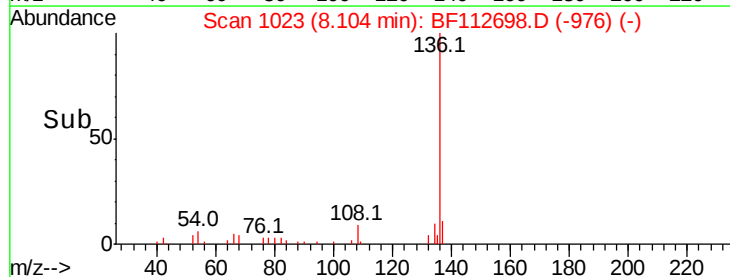
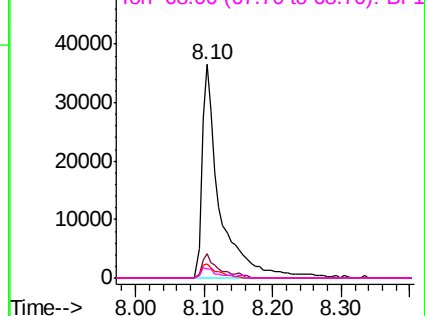
137 11.2 9.1 13.7

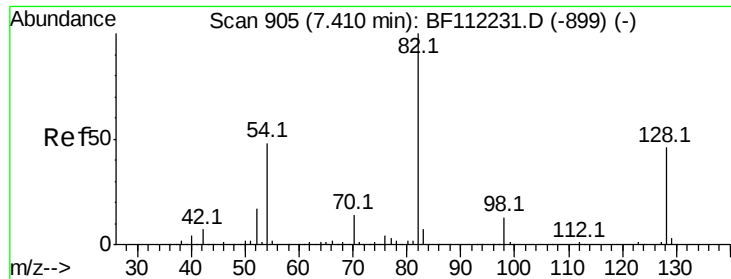
54 6.4 5.9 8.9

68 4.4 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

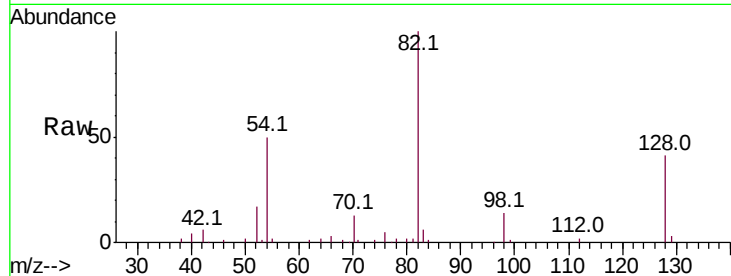




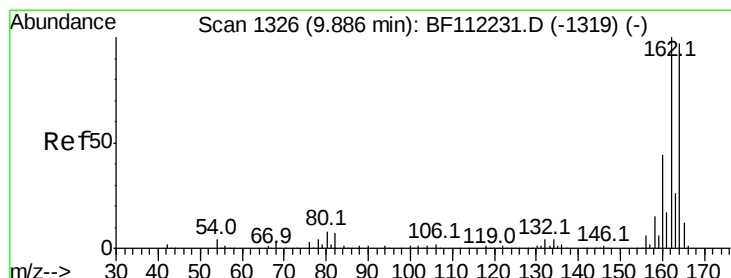
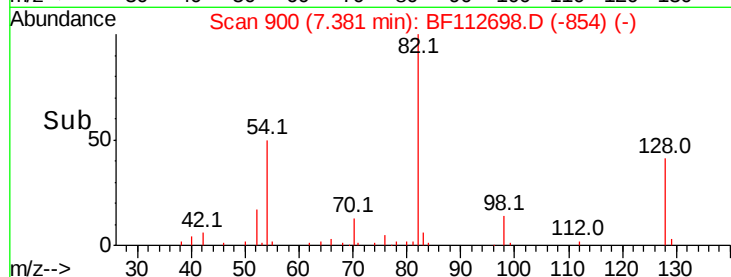
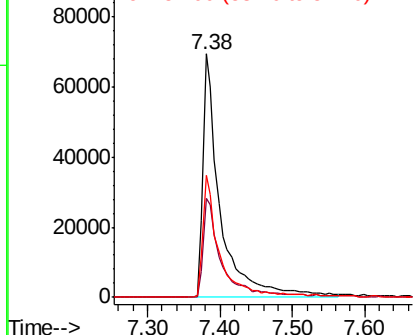
#23
 Nitrobenzene-d5
 Concen: 100.670 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.03 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Tot Ion	82	Resp	116150
Ion Ratio	Lower	Upper	
82	100		
128	40.9	37.8	56.8
54	50.0	39.7	59.5

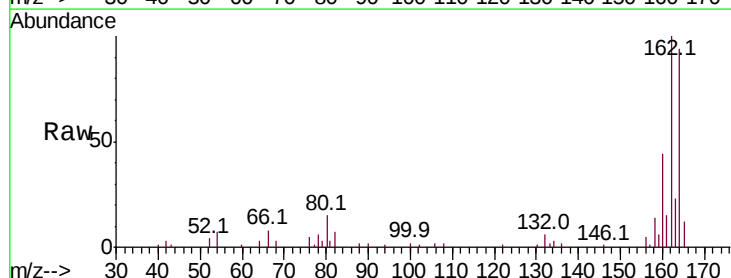


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

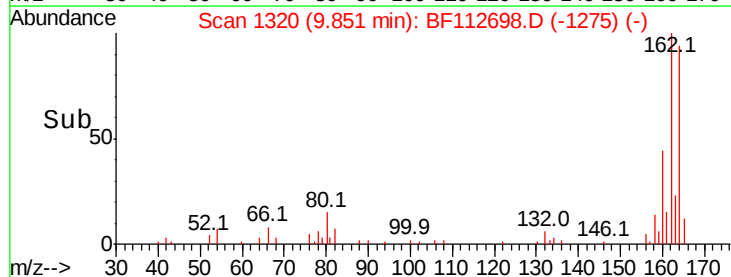
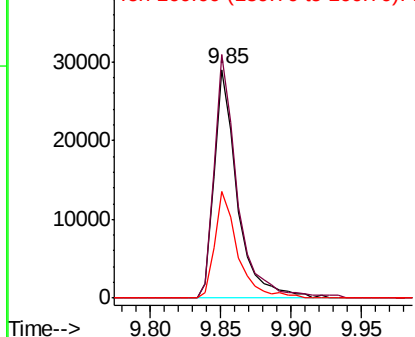


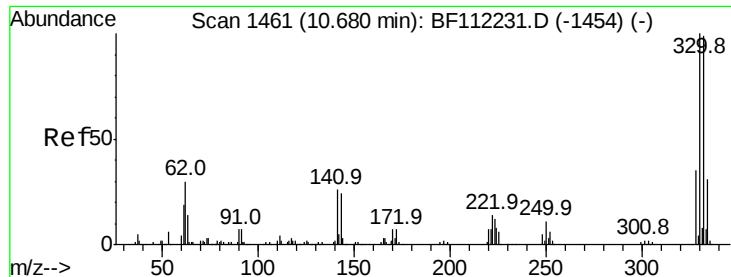
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

Tgt Ion	164	Resp	33012
Ion Ratio	Lower	Upper	
164	100		
162	106.6	82.2	123.4
160	46.6	36.2	54.4



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

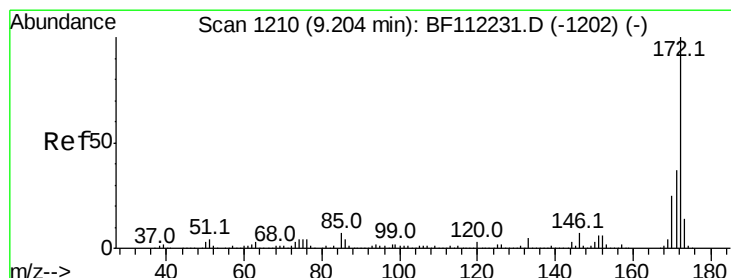
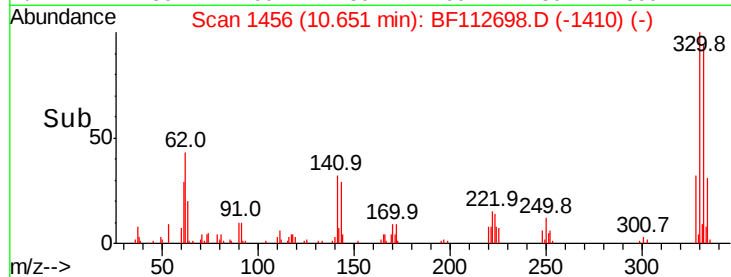
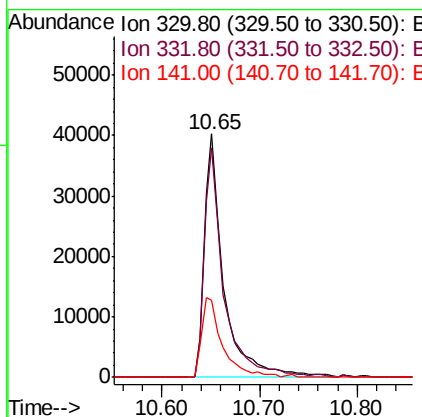
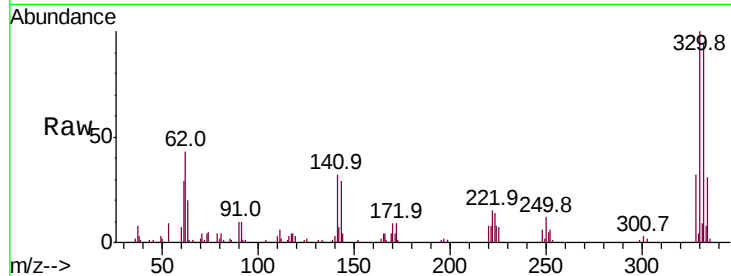




#42
 2,4,6-Tribromophenol
 Concen: 143.513 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.03 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

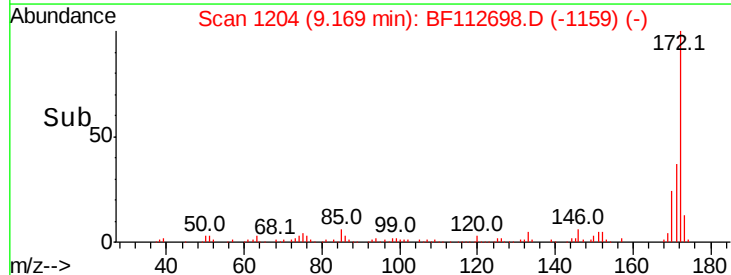
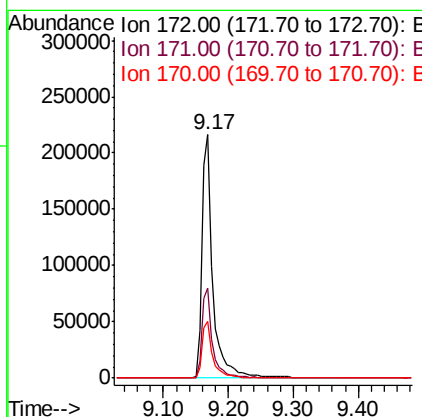
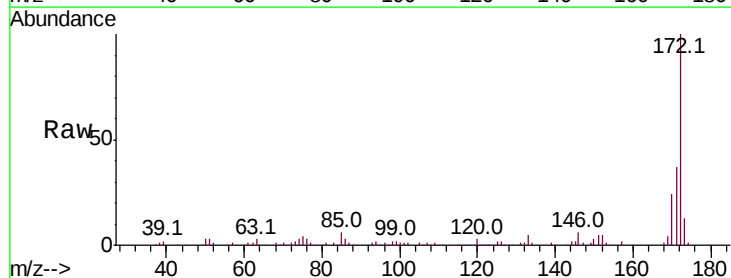
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 TP-CBF-B11

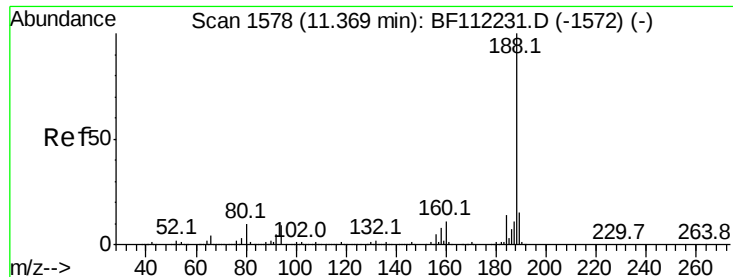
Tot Ion:330 Resp: 55145
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 35.1 24.3 36.5



#45
 2-Fluorobiphenyl
 Concen: 106.921 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

Tgt Ion:172 Resp: 249565
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 23.5 20.2 30.4

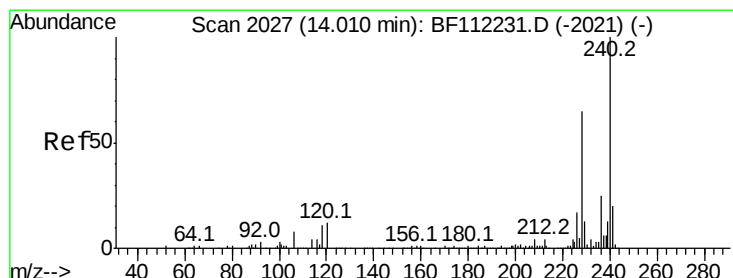
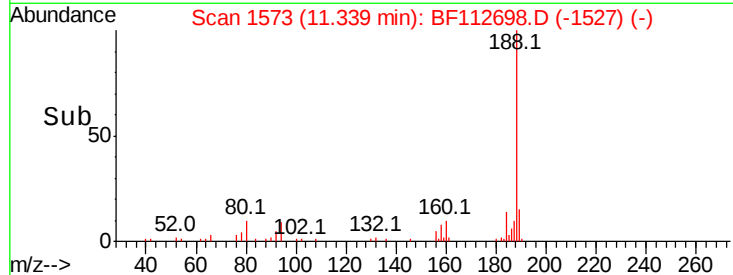
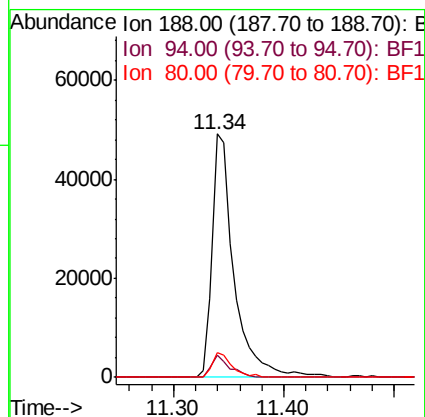
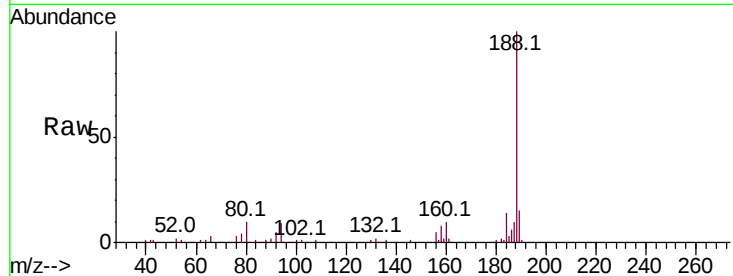




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

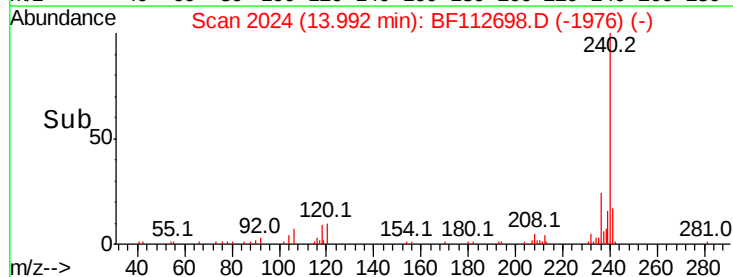
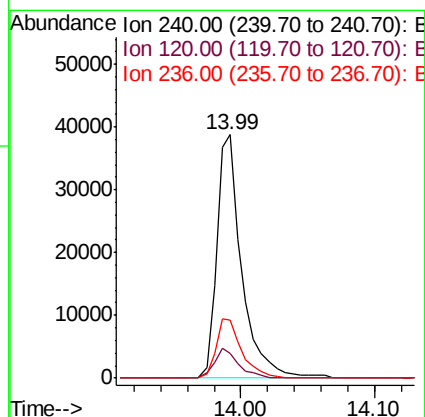
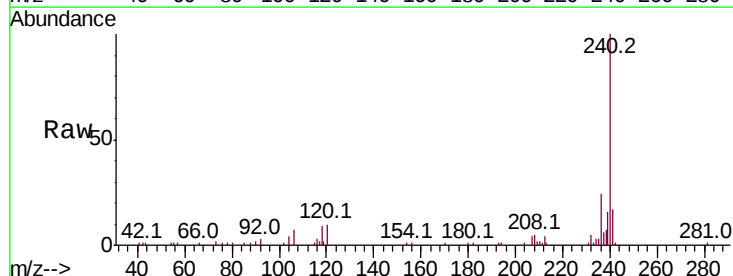
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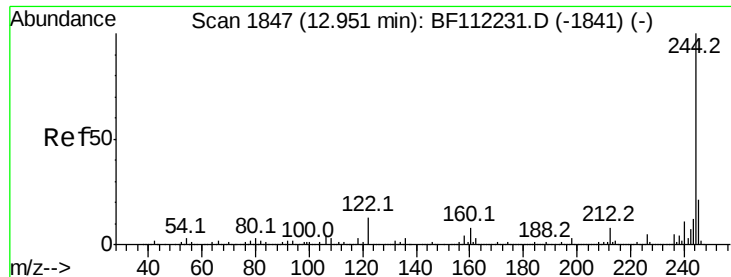
Tot Ion:188 Resp: 66730
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.9 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF112698.D
Acq: 25 Feb 2019 17:52

Tgt Ion:240 Resp: 50743
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 23.8 20.7 31.1

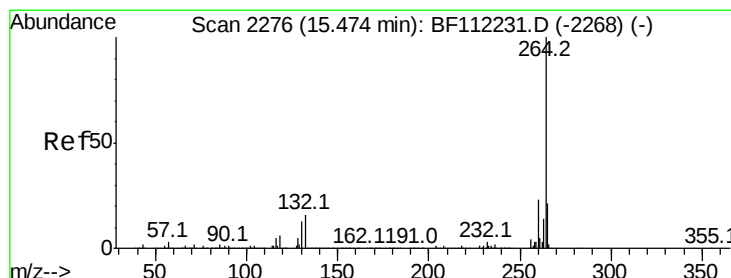
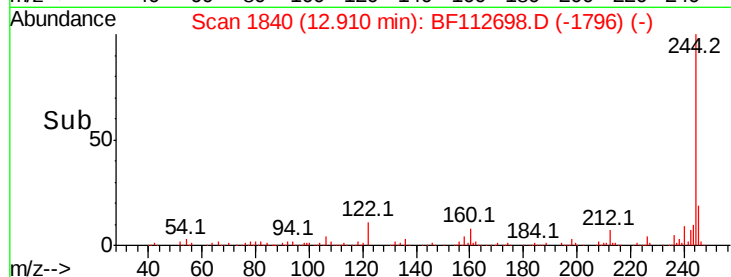
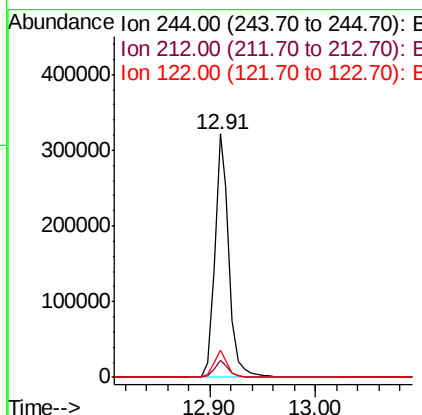
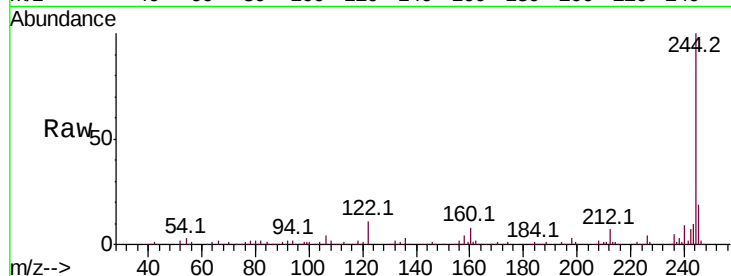




#79
 Terphenyl-d14
 Concen: 112.425 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B11

Tot Ion:244 Resp: 302890
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.5 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF112698.D
 Acq: 25 Feb 2019 17:52

Tgt Ion:264 Resp: 41626
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 22.2 17.0 25.4

