

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112181.D
 Acq On : 22 Jan 2019 2:41
 Operator : JU/SJ
 Sample : PB116516BL
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BL

Quant Time: Jan 22 03:10:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	205339	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	702004	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	279994	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	489657	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	459993	20.00	ng	-0.01
87) Perylene-d12	15.49	264	324472	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	920657	81.38	ng	0.00
7) Phenol-d6	6.49	99	1085168	76.67	ng	-0.01
23) Nitrobenzene-d5	7.41	82	965322	95.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	224744	74.41	ng	-0.02
45) 2-Fluorobiphenyl	9.21	172	1777350	93.07	ng	0.00
79) Terphenyl-d14	12.96	244	1603367	74.15	ng	-0.01

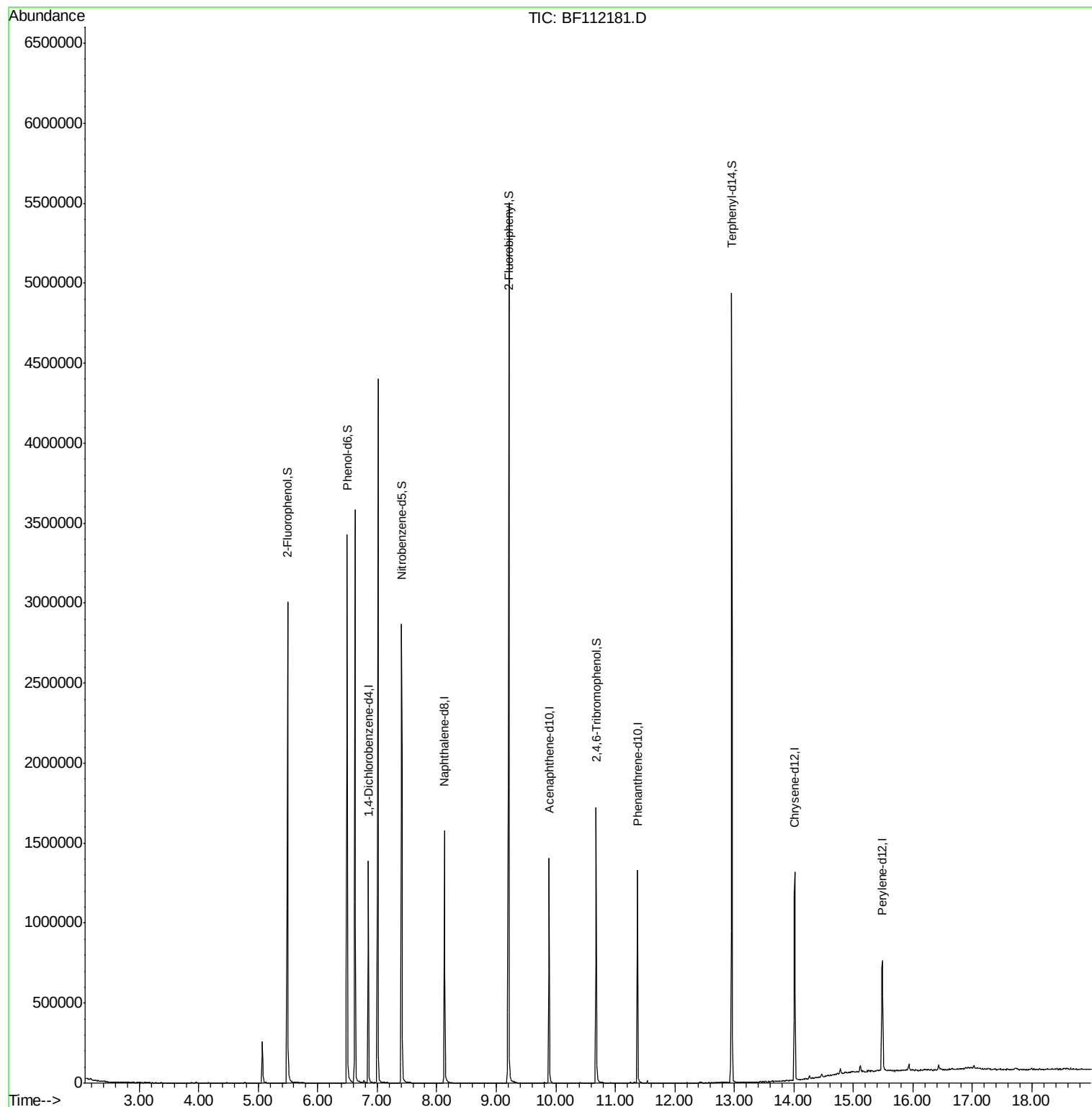
Target Compounds Qvalue

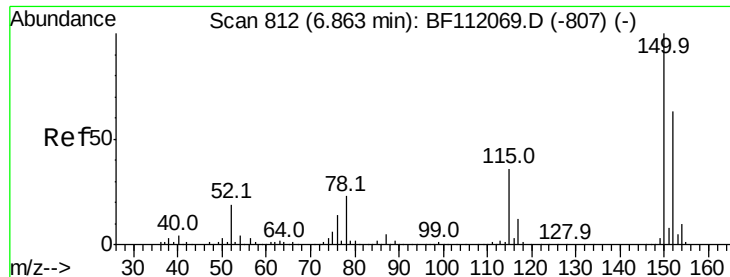
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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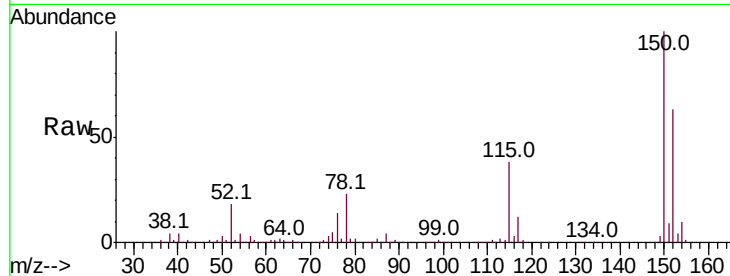


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Instrument :
BNA_F
ClientSampleId :
PB116516BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	127.4	191.0
115	59.6	45.5	68.3

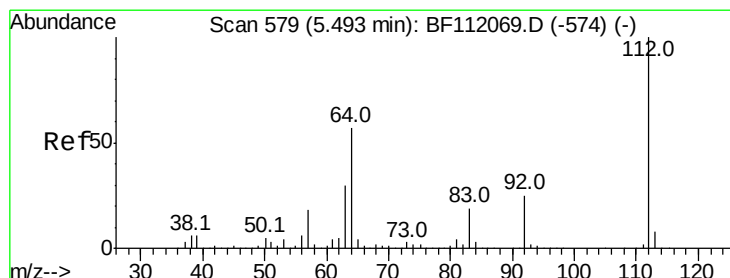
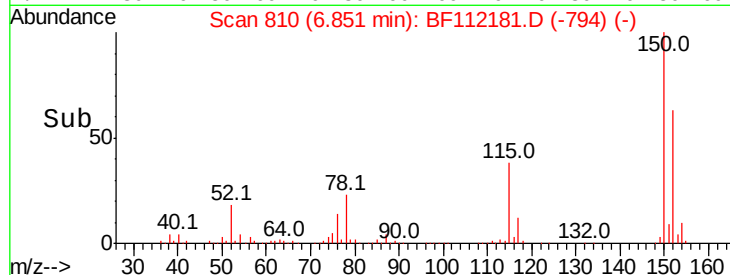
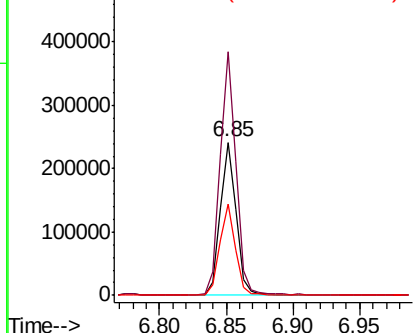


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

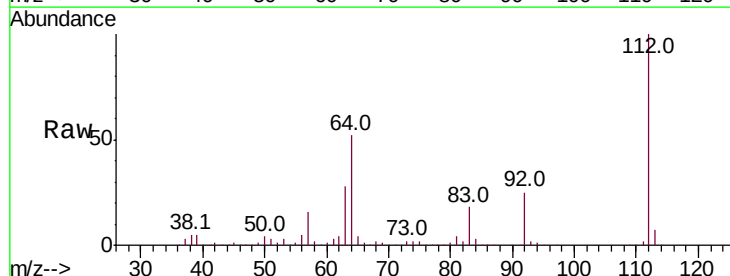
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 81.379 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	45.7	68.5
63	27.7	23.6	35.4

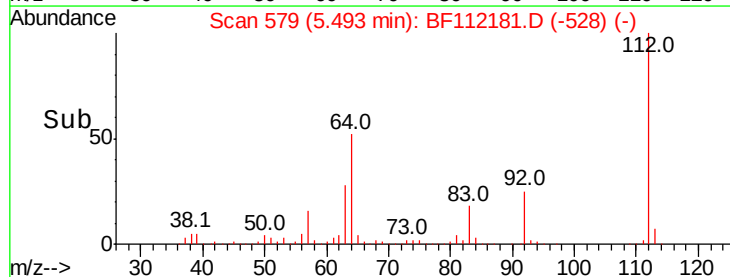
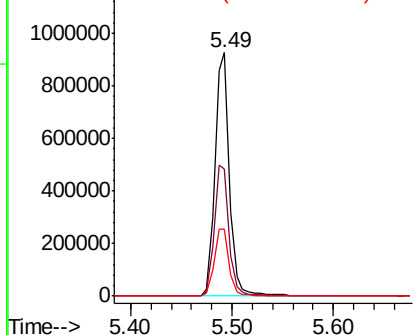


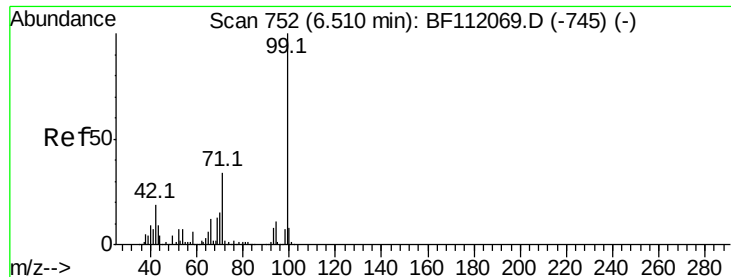
Abundance

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: 76.666 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF112181.D

Acq: 22 Jan 2019 2:41

Instrument :

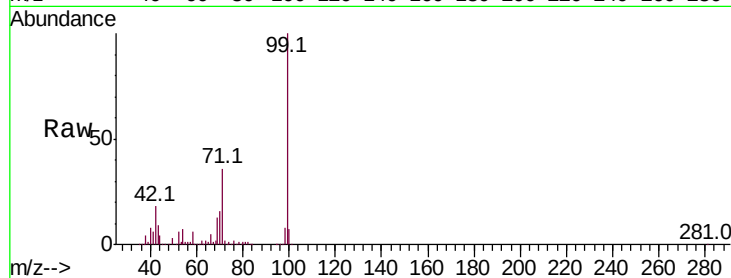
BNA_F

ClientSampleId :

PB116516BL

Tot Ion: 99 Resp: 1085168

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.1	22.7
71	35.6	26.9	40.3

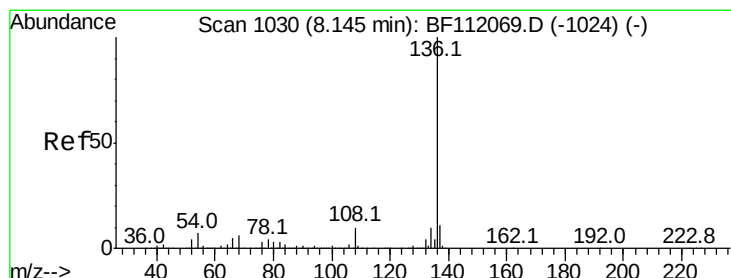
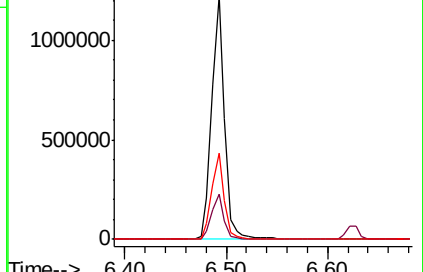
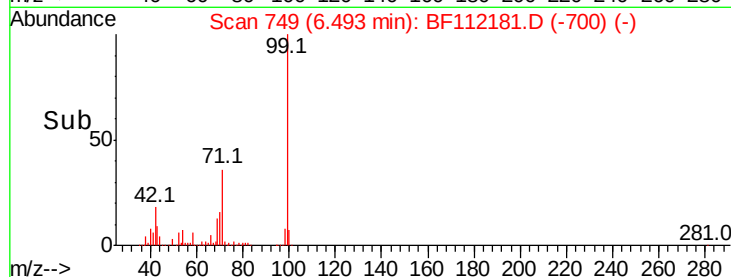


Abundance

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: 8.13 min Scan# 1028

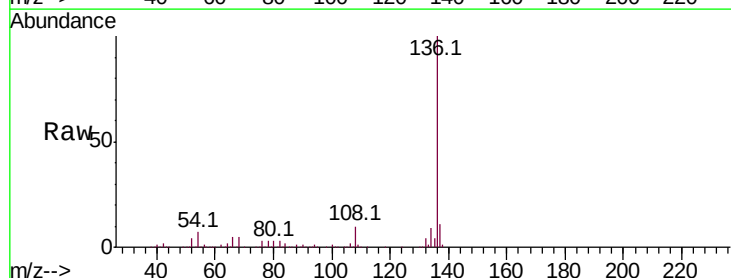
Delta R.T. -0.01 min

Lab File: BF112181.D

Acq: 22 Jan 2019 2:41

Tgt Ion: 136 Resp: 702004

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.7	5.9	8.9
68	5.0	5.1	7.7#



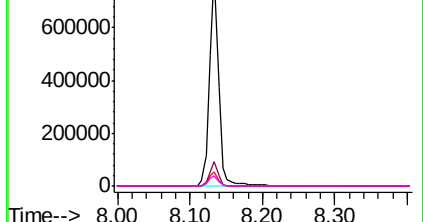
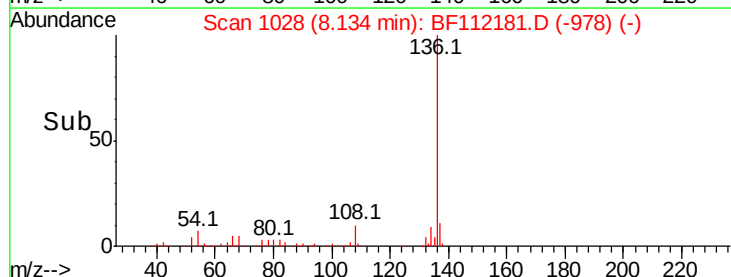
Abundance

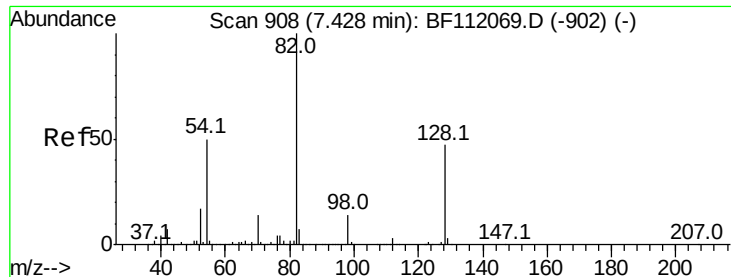
Ion 136.00 (135.70 to 136.70): E

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

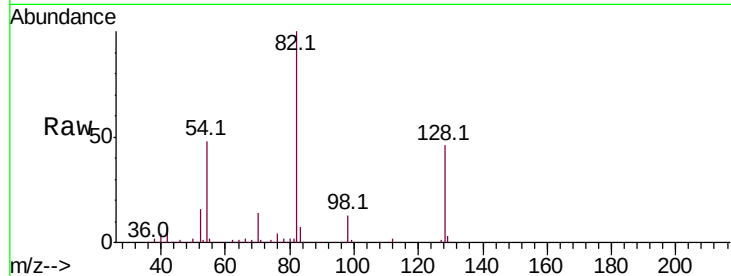




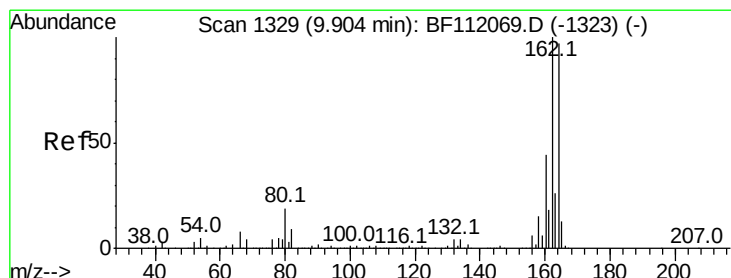
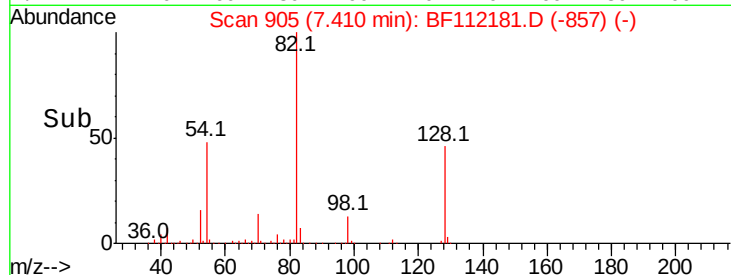
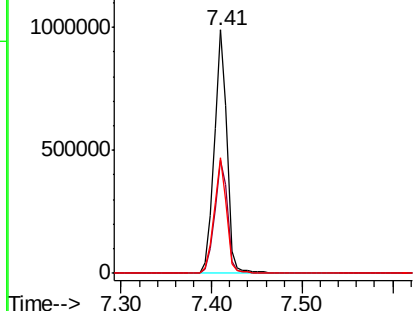
#23
 Nitrobenzene-d5
 Concen: 95.004 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF112181.D
 Acq: 22 Jan 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BL

Tot Ion	82	Resp	965322
Ion Ratio	Lower	Upper	
82	100		
128	46.3	37.8	56.8
54	47.7	39.7	59.5

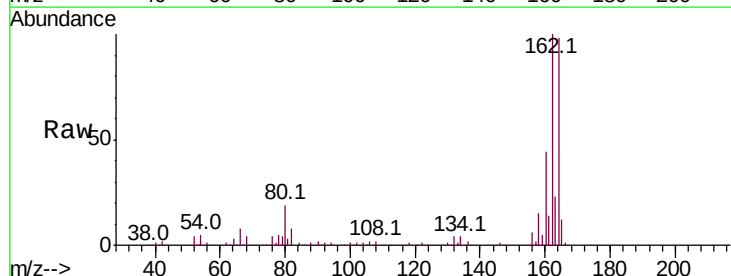


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

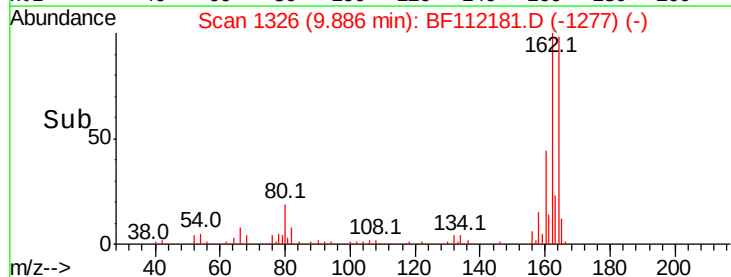
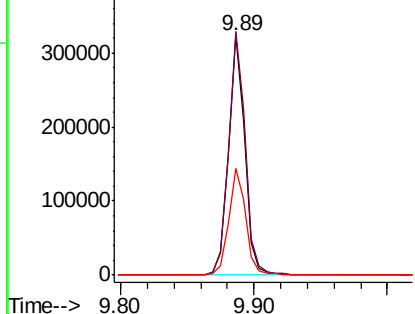


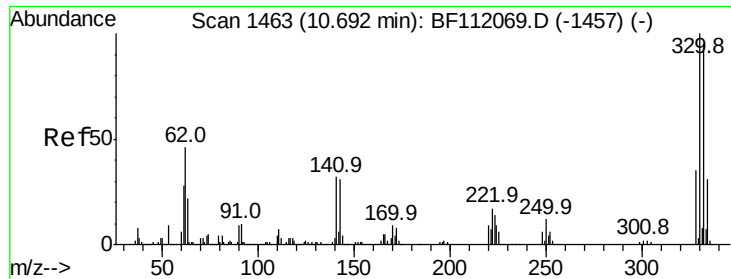
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF112181.D
 Acq: 22 Jan 2019 2:41

Tgt Ion	164	Resp	279994
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.2	123.4
160	44.7	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

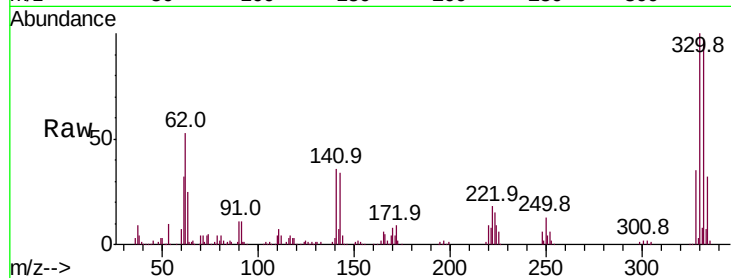




#42
 2,4,6-Tribromophenol
 Concen: 74.406 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.02 min
 Lab File: BF112181.D
 Acq: 22 Jan 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	31.4	24.3	36.5

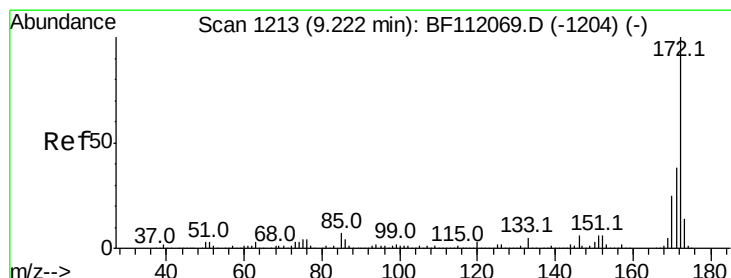
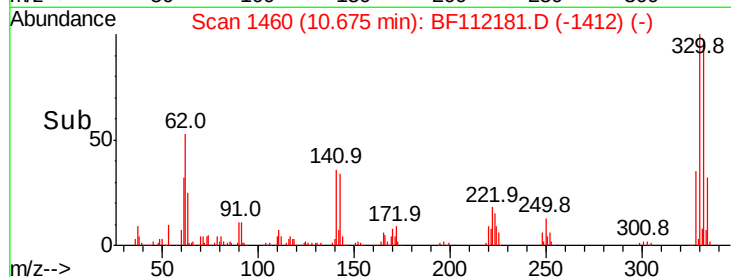
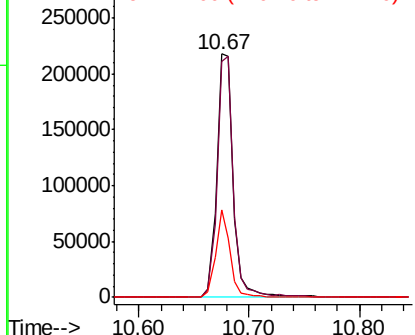


Abundance

Ion 329.80 (329.50 to 330.50): E

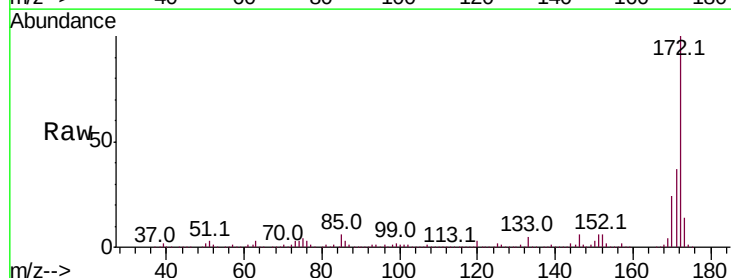
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.066 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112181.D
 Acq: 22 Jan 2019 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.4	20.2	30.4

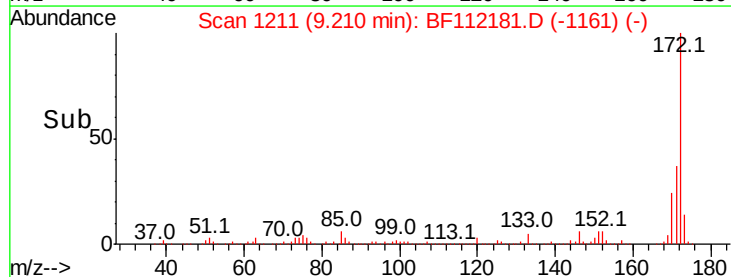
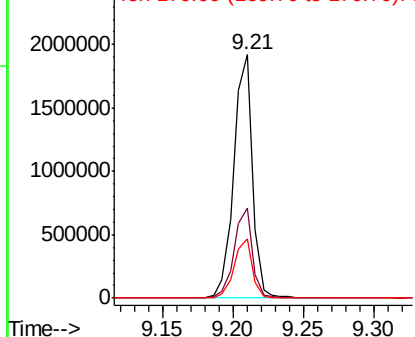


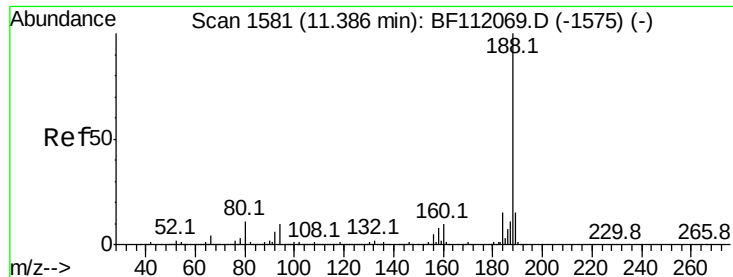
Abundance

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

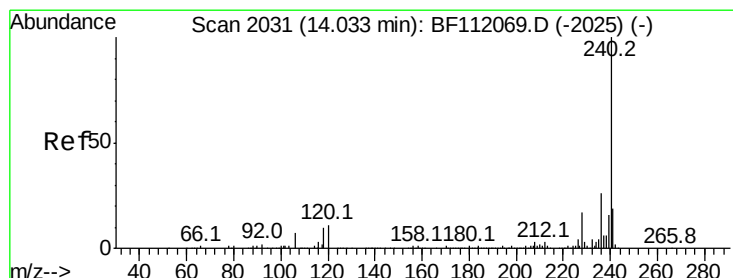
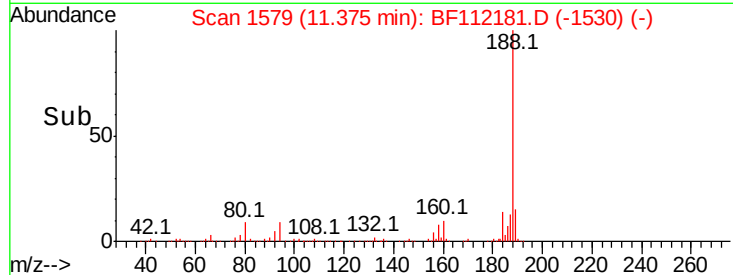
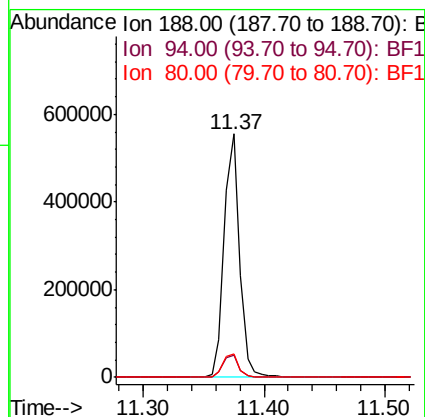
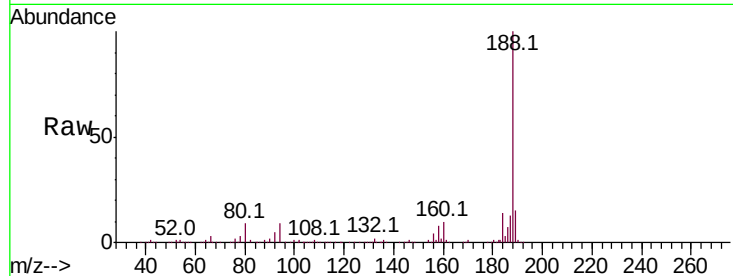




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

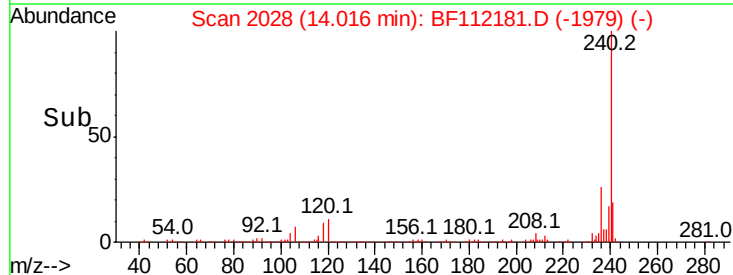
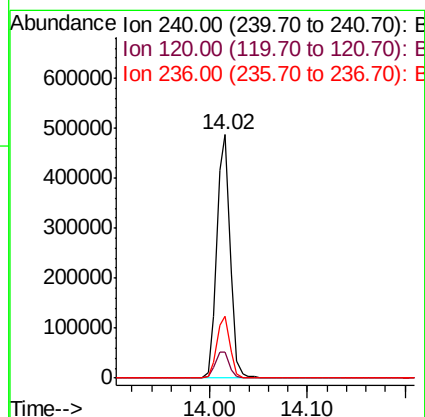
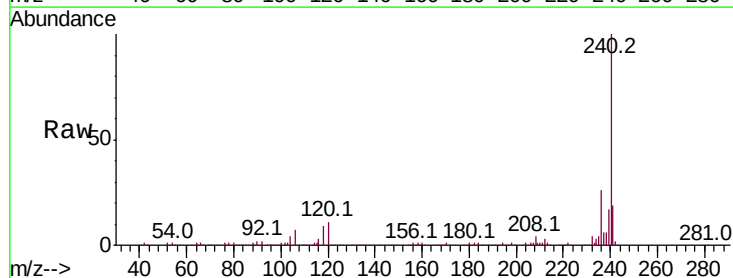
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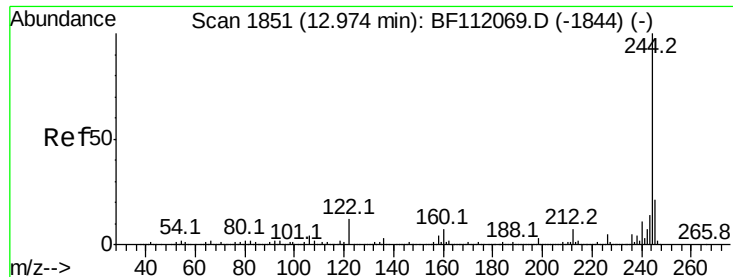
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.5	8.9	13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112181.D
Acq: 22 Jan 2019 2:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.6
236	25.6	20.7	31.1

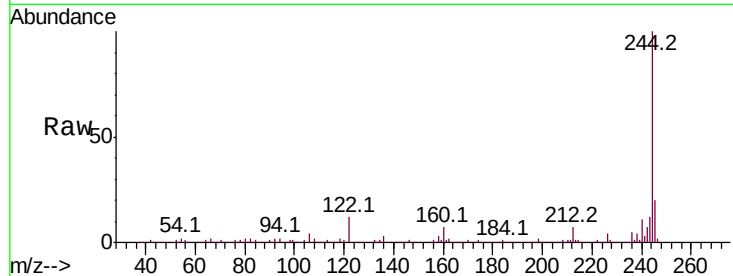




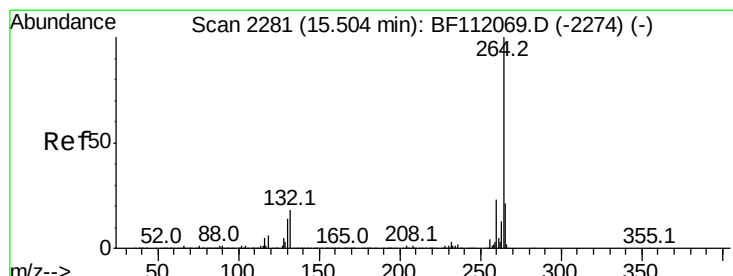
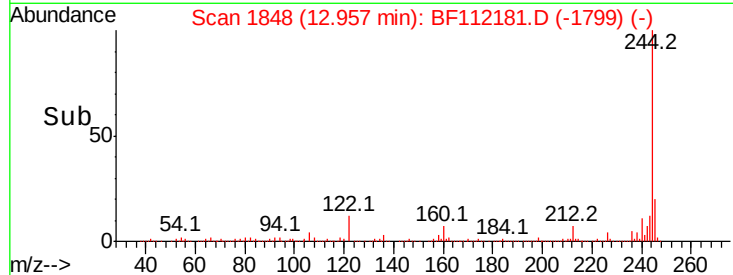
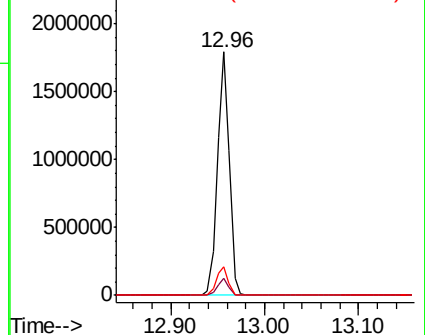
#79
 Terphenyl-d14
 Concen: 74.153 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF112181.D
 Acq: 22 Jan 2019 2:41

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BL

Tot Ion:244 Resp: 1603367
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.7 9.8 14.6

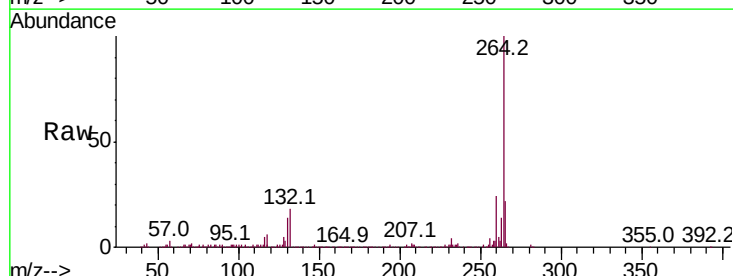


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF112181.D
 Acq: 22 Jan 2019 2:41

Tgt Ion:264 Resp: 324472
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 22.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

