

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021119\
 Data File : BF112491.D
 Acq On : 11 Feb 2019 19:58
 Operator : JU/SJ
 Sample : K1442-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Quant Time: Feb 12 01:28:11 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	132500	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	495225	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	217231	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	334881	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	267115	20.00	ng	0.00
87) Perylene-d12	15.47	264	272121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	878991	140.91	ng	0.00
7) Phenol-d6	6.49	99	985355	113.68	ng	0.00
23) Nitrobenzene-d5	7.40	82	770730	89.67	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	304916	120.59	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1485805	96.74	ng	-0.02
79) Terphenyl-d14	12.94	244	1167503	82.32	ng	-0.01

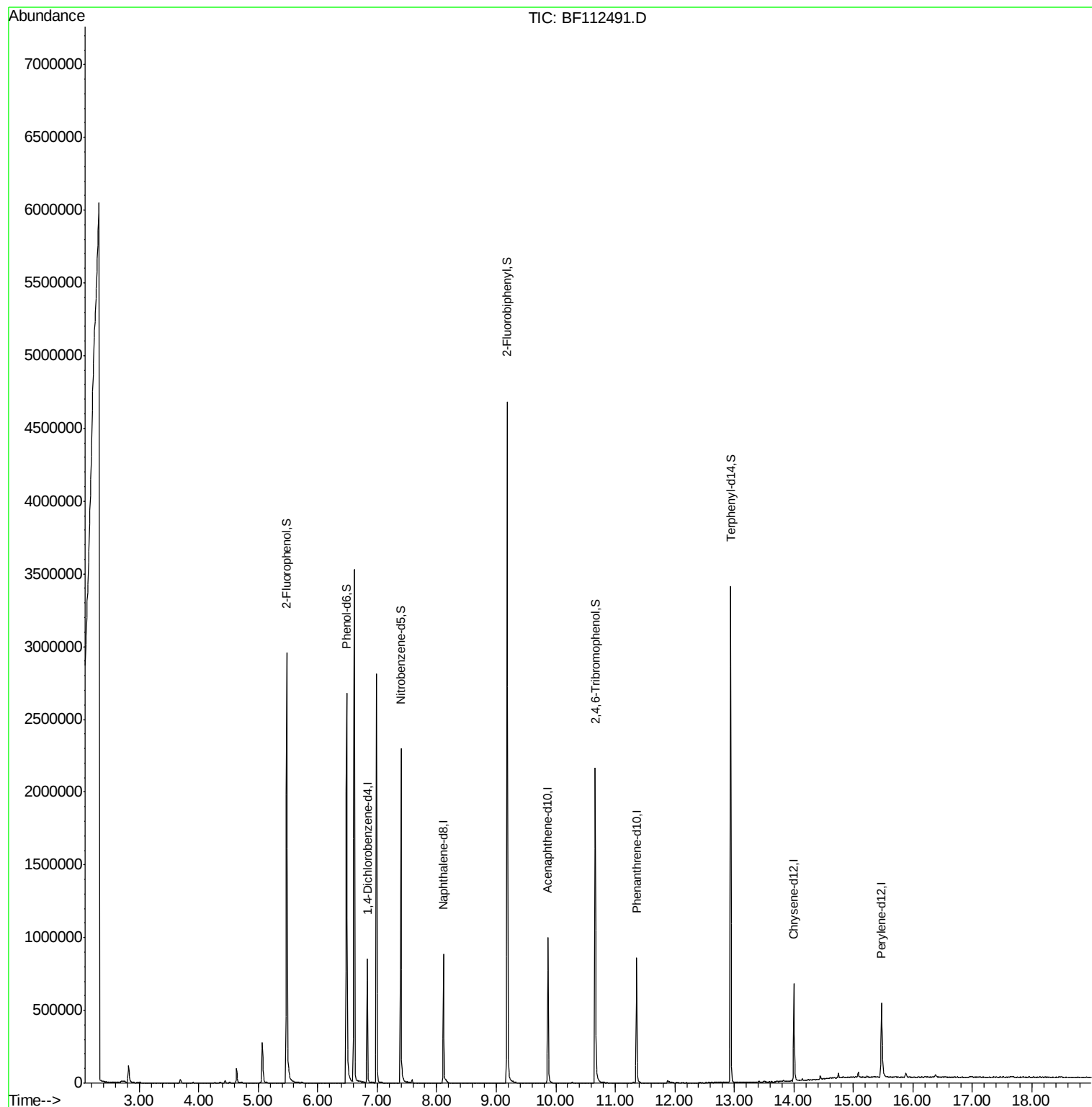
Target Compounds Qvalue

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

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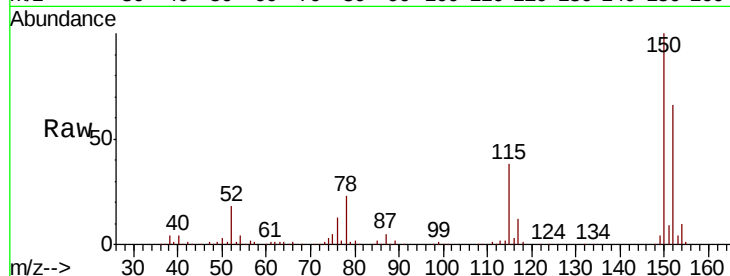


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	127.4	191.0
115	57.1	45.5	68.3

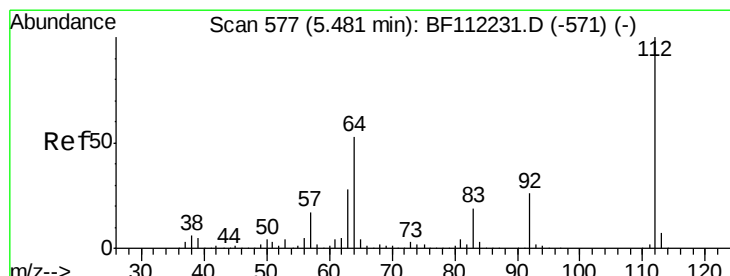
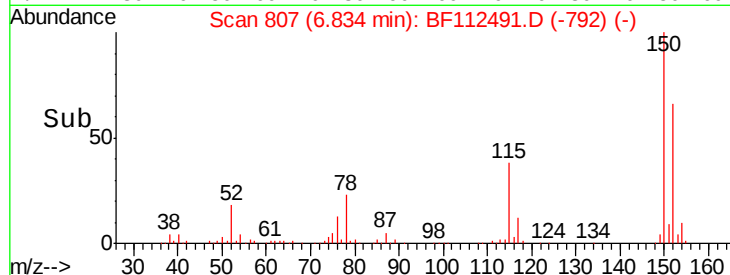
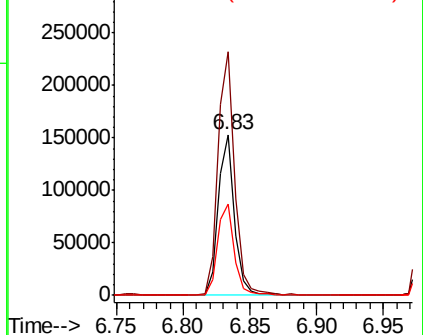


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

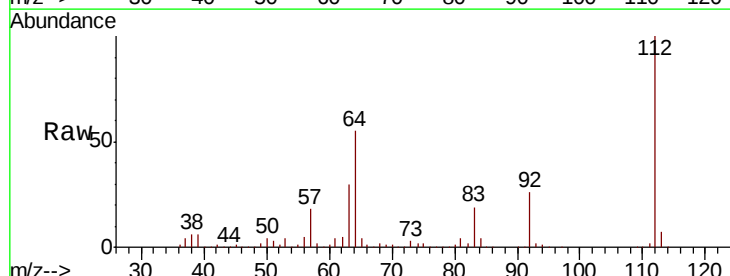
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 140.908 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	45.7	68.5
63	29.5	23.6	35.4

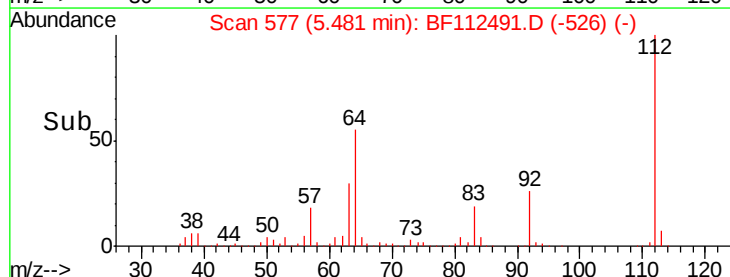
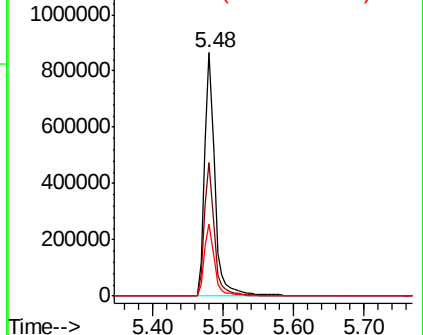


Abundance

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: 113.676 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112491.D

Acq: 11 Feb 2019 19:58

Instrument :

BNA_F

ClientSampleId :

COMP-12

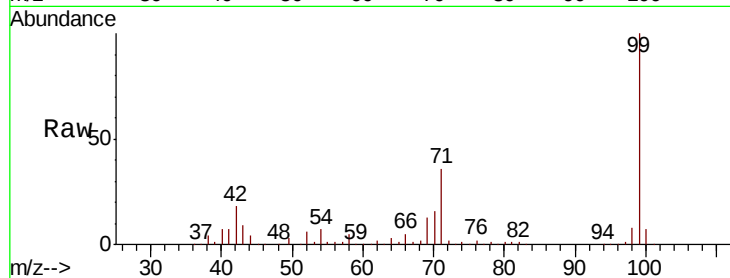
Tot Ion: 99 Resp: 985355

Ion Ratio Lower Upper

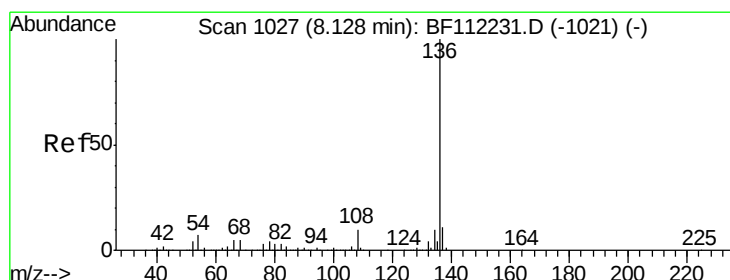
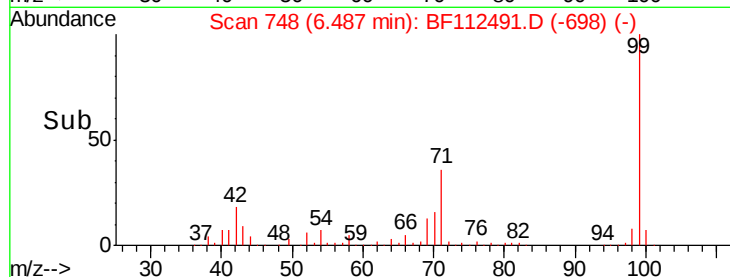
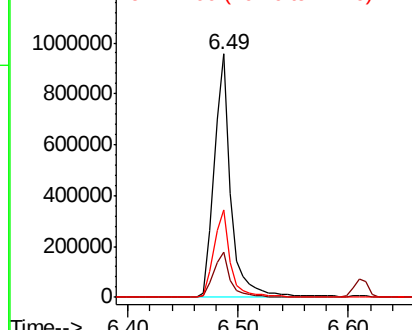
99 100

42 18.5 15.1 22.7

71 35.8 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: BF112491.D

Acq: 11 Feb 2019 19:58

Tgt Ion: 136 Resp: 495225

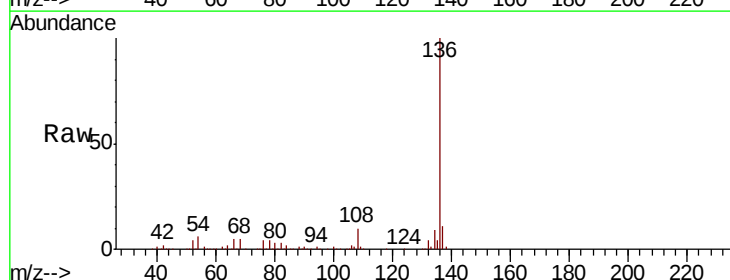
Ion Ratio Lower Upper

136 100

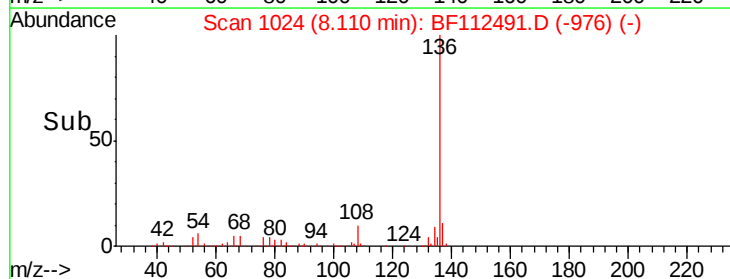
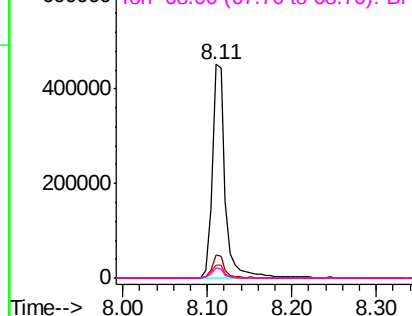
137 11.0 9.1 13.7

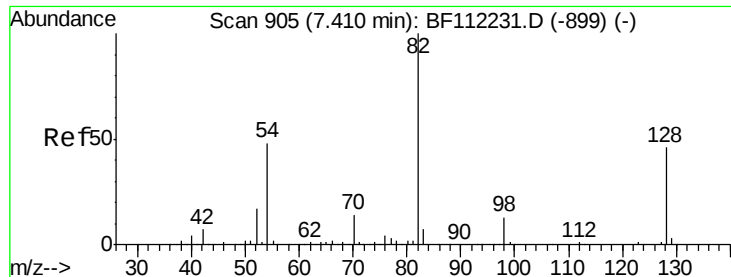
54 6.2 5.9 8.9

68 4.9 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

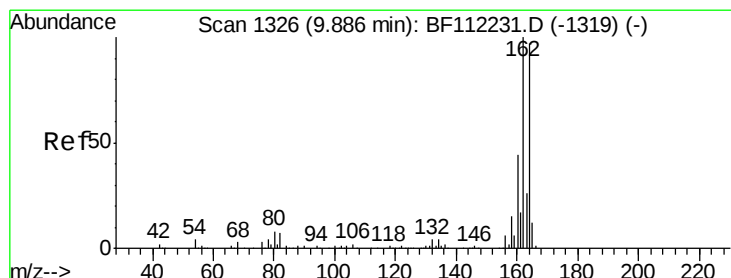
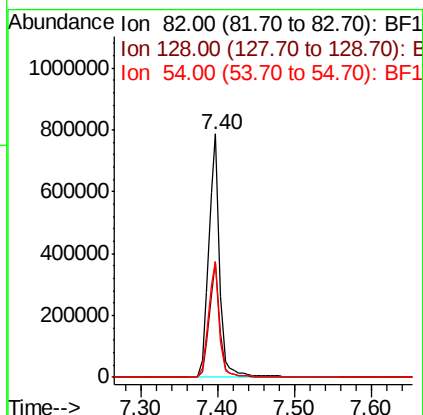
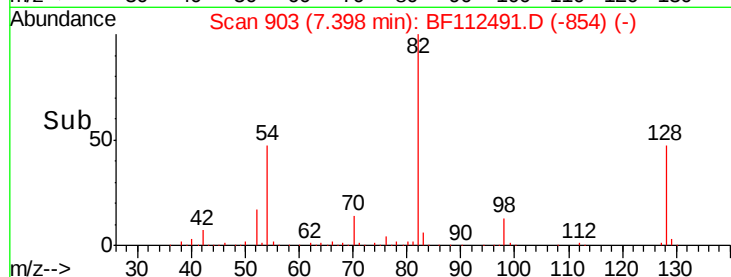
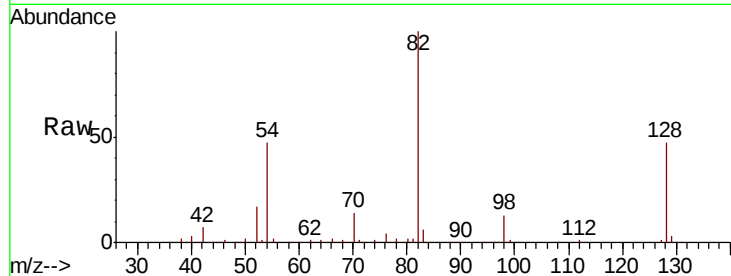




#23
 Nitrobenzene-d5
 Concen: 89.675 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

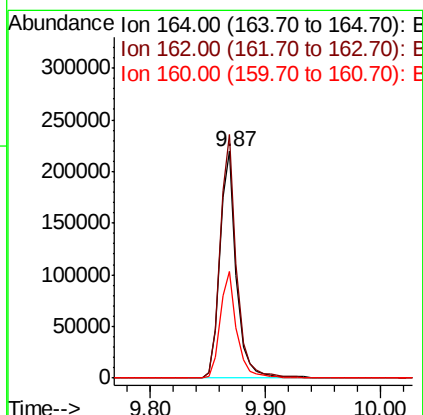
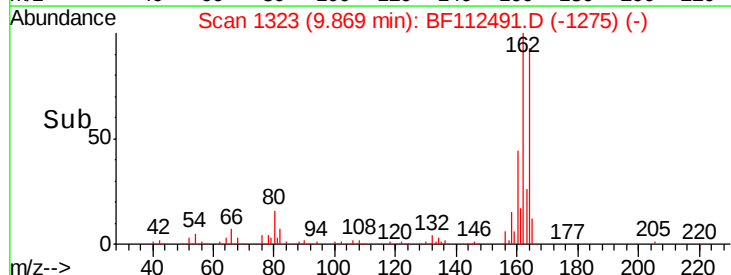
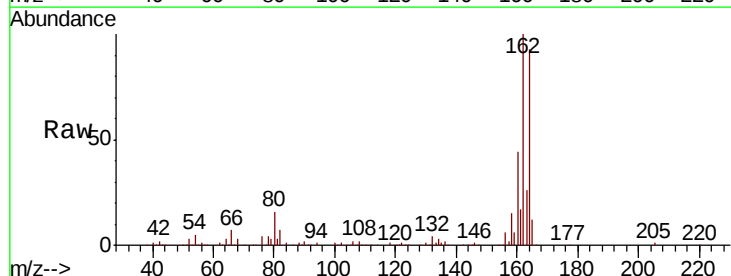
Instrument :
 BNA_F
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 COMP-12

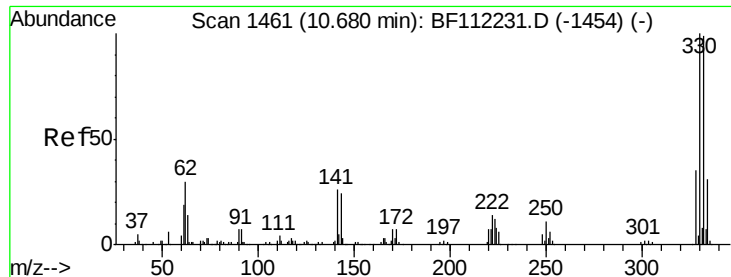
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.8	56.8
54	47.3	39.7	59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.2	123.4
160	47.2	36.2	54.4

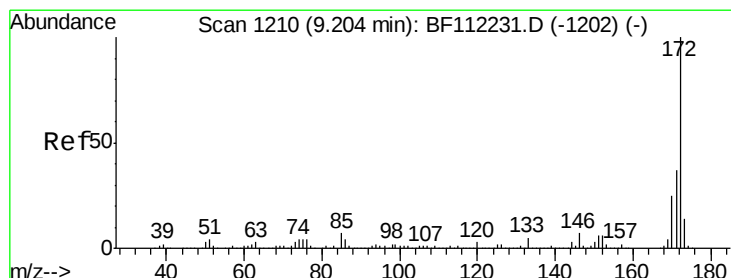
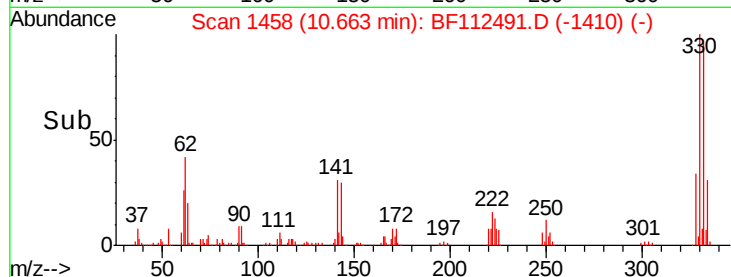
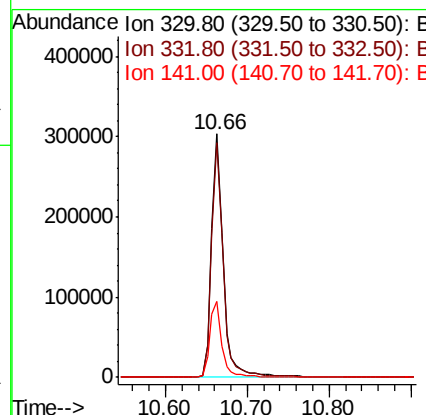
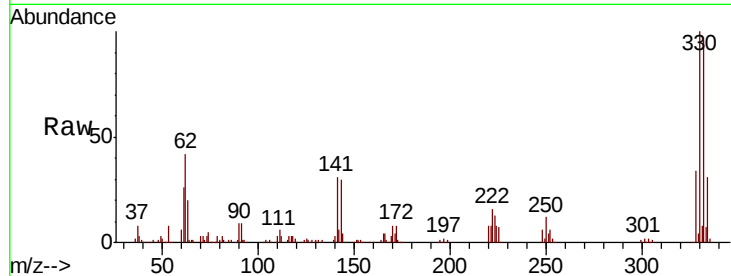




#42
 2,4,6-Tribromophenol
 Concen: 120.591 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

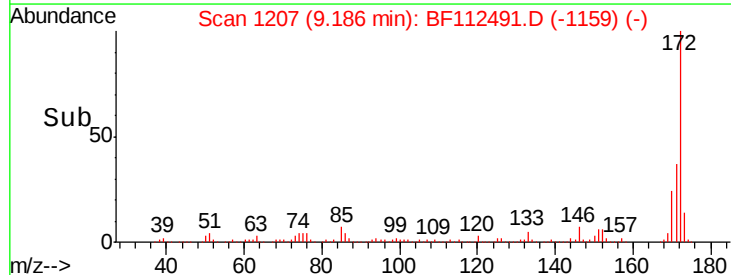
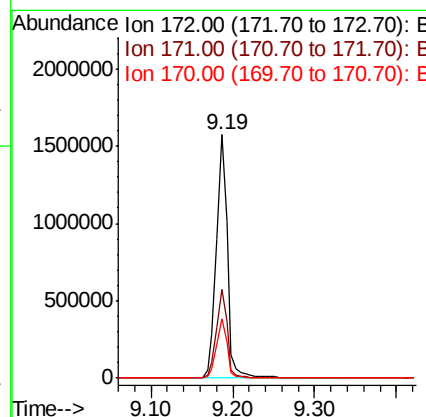
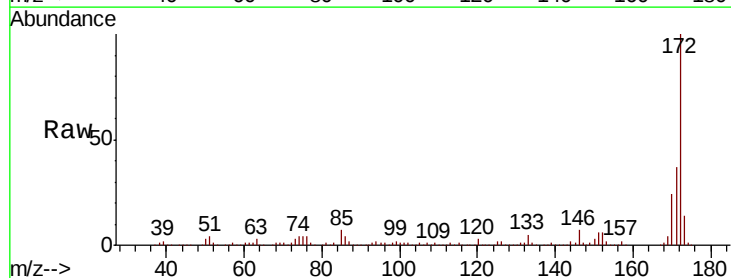
Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	114.8
141	32.1	24.3	36.5



#45
 2-Fluorobiphenyl
 Concen: 96.737 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	24.1	20.2	30.4

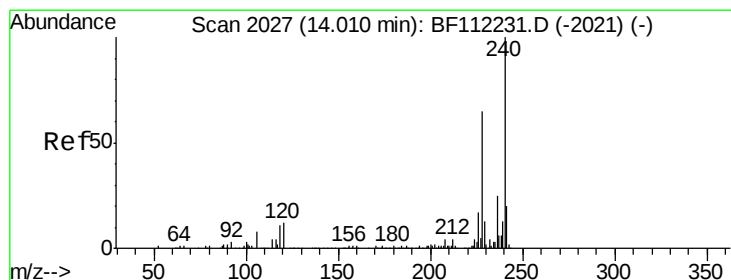
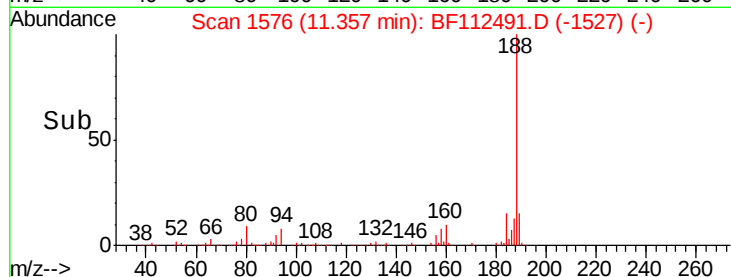
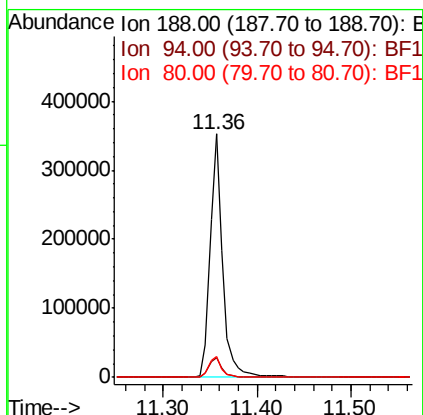
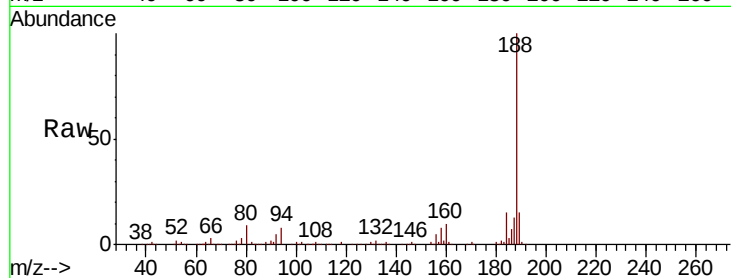




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112491.D
Acq: 11 Feb 2019 19:58

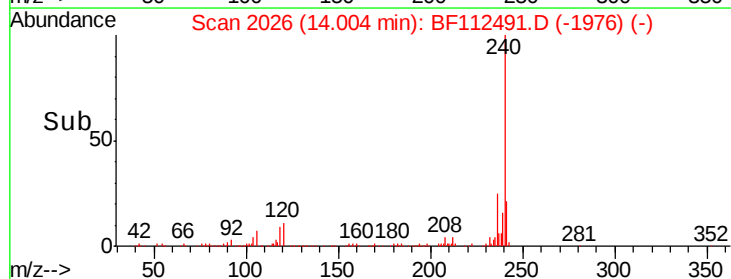
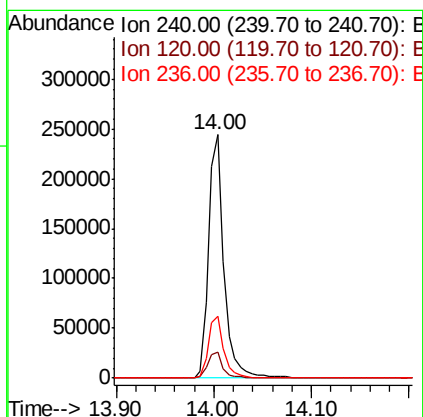
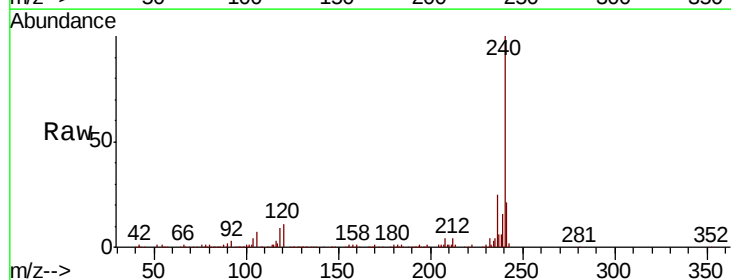
Instrument :
BNA_F
ClientSampleId :
COMP-12

Tot Ion:188 Resp: 334881
Ion Ratio Lower Upper
188 100
94 8.2 8.2 12.2
80 8.5 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112491.D
Acq: 11 Feb 2019 19:58

Tgt Ion:240 Resp: 267115
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.5 20.7 31.1

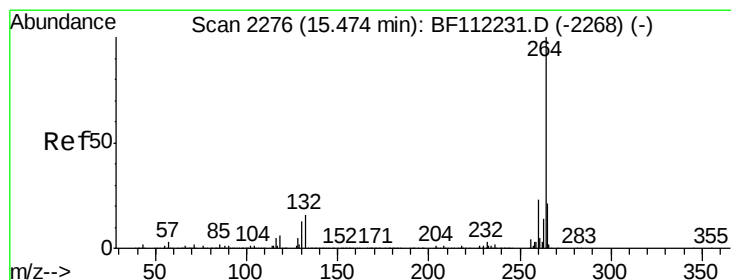
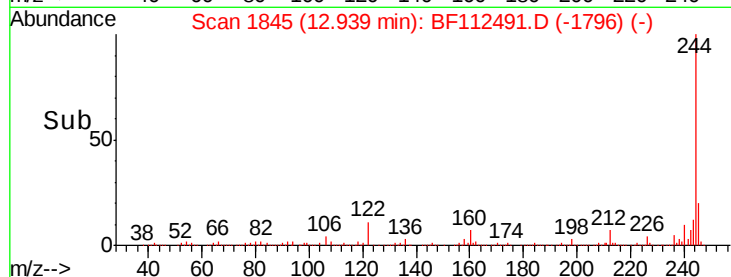
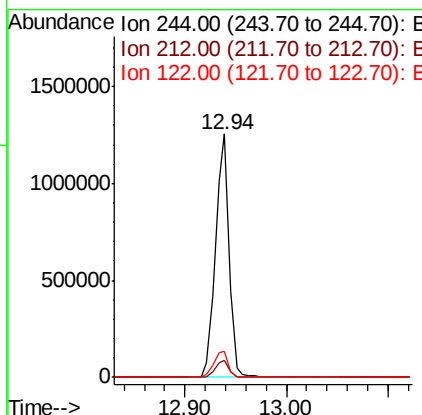
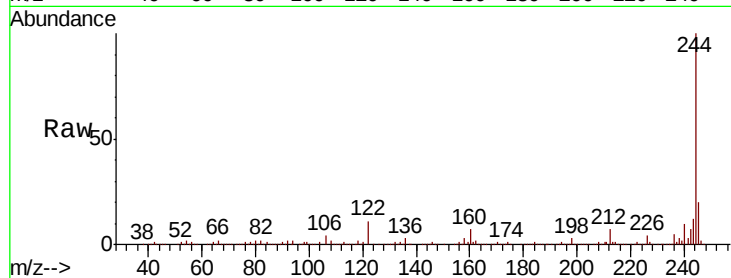




#79
 Terphenyl-d14
 Concen: 82.321 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :
 COMP-12

Tot Ion:244 Resp: 1167503
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112491.D
 Acq: 11 Feb 2019 19:58

Tgt Ion:264 Resp: 272121
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 22.5 17.0 25.4

