

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
 Data File : BF112408.D
 Acq On : 5 Feb 2019 20:54
 Operator : JU/SJ
 Sample : K1346-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-B

Quant Time: Feb 06 00:40:07 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	156011	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	569438	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	258389	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	434344	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	322901	20.00	ng	-0.01
87) Perylene-d12	15.47	264	272600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1072939	146.08	ng	0.00
7) Phenol-d6	6.49	99	1226857	120.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	899041	90.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	388628	129.22	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1750798	95.83	ng	-0.01
79) Terphenyl-d14	12.94	244	1517054	88.49	ng	-0.01

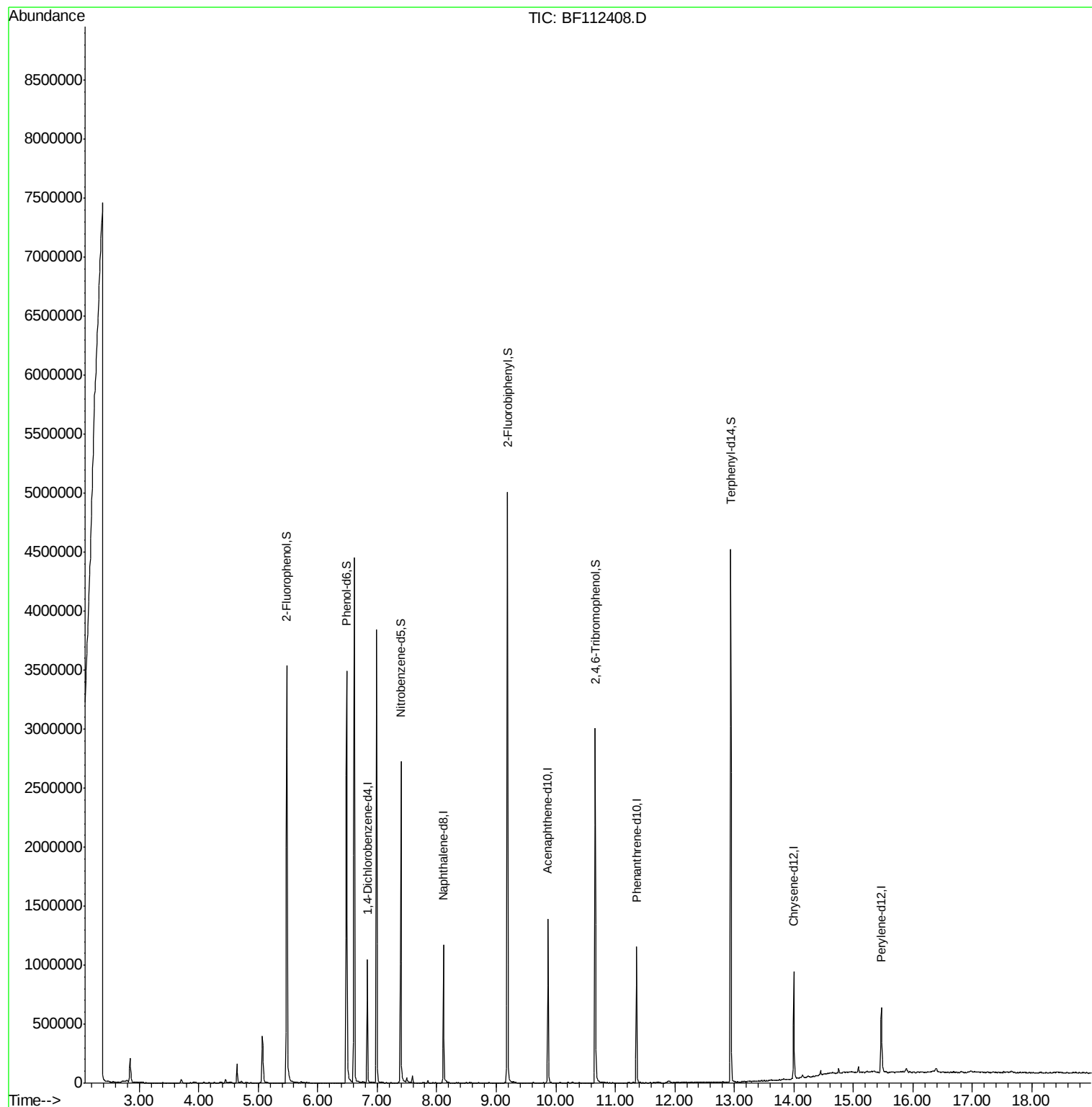
Target Compounds Qvalue

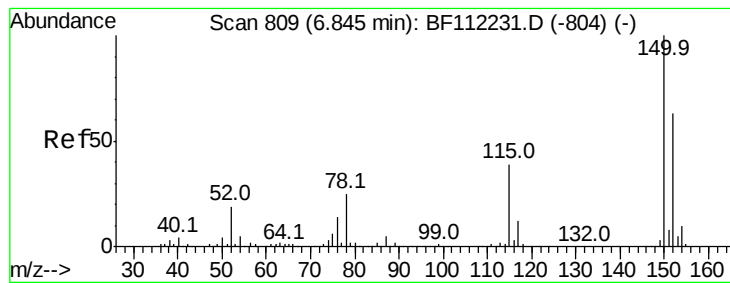
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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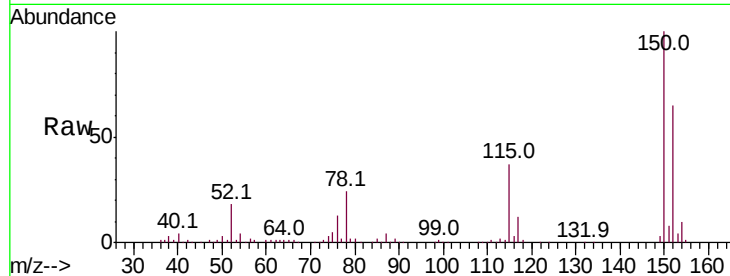


#1

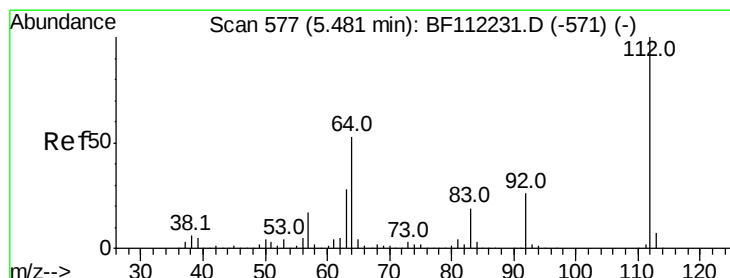
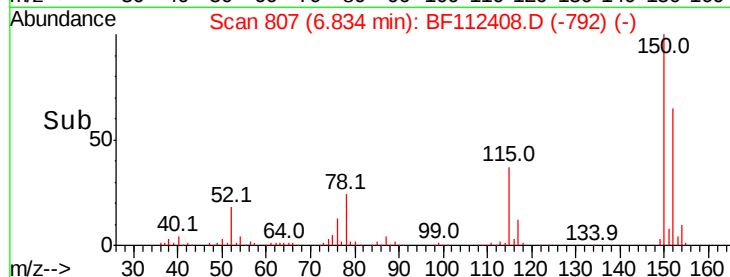
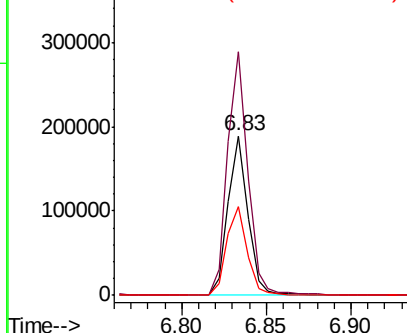
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-B

Tot Ion:152 Resp: 156011
 Ion Ratio Lower Upper
 152 100
 150 152.9 127.4 191.0
 115 56.0 45.5 68.3



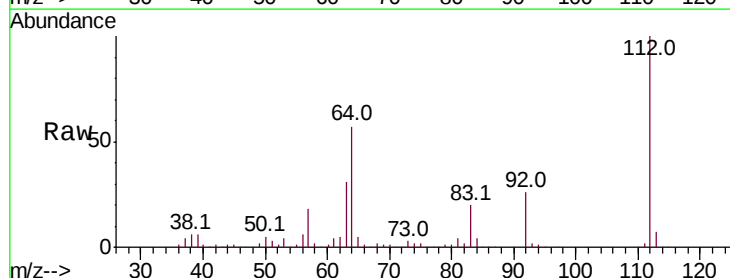
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



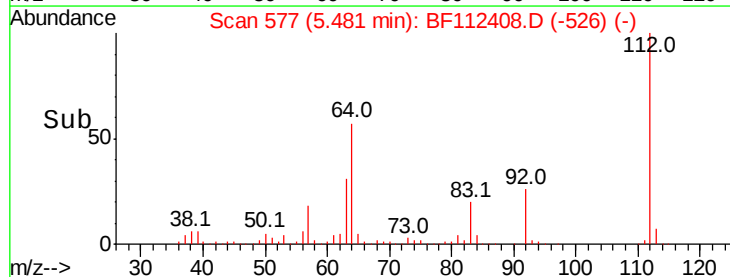
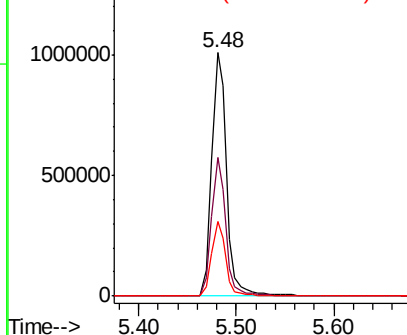
#5

2-Fluorophenol
 Concen: 146.079 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Tgt Ion:112 Resp: 1072939
 Ion Ratio Lower Upper
 112 100
 64 57.0 45.7 68.5
 63 30.7 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: 120.208 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

Instrument :

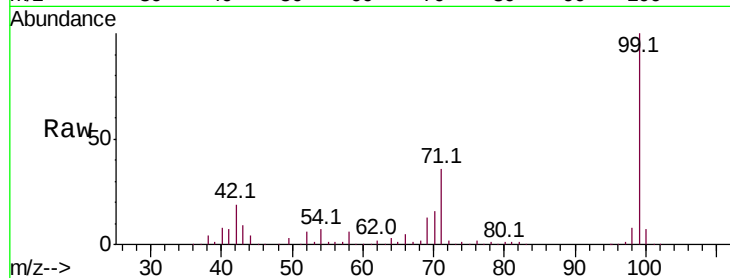
BNA_F

ClientSampleId :

CL-02-020419-B

Tot Ion: 99 Resp: 1226857

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.1	22.7
71	36.3	26.9	40.3

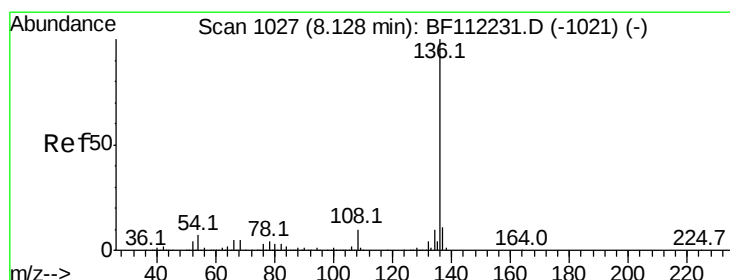
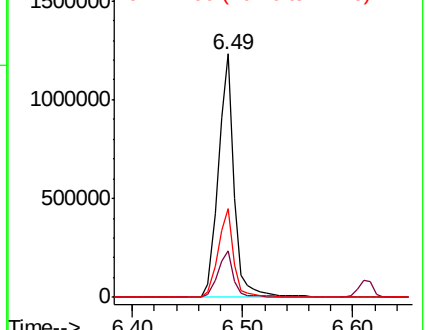
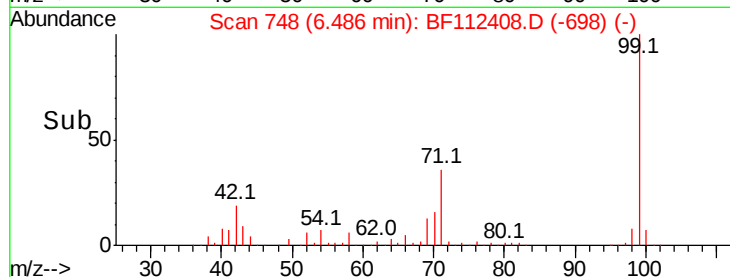


Abundance

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: 8.12 min Scan# 1025

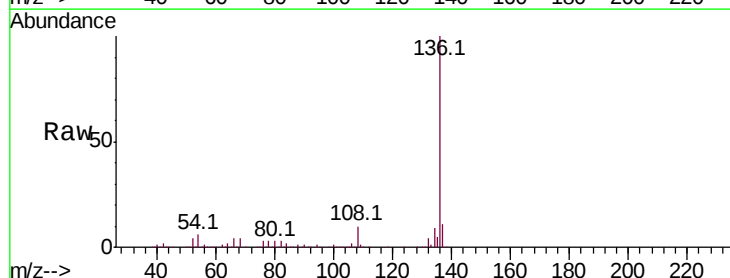
Delta R.T. -0.01 min

Lab File: BF112408.D

Acq: 5 Feb 2019 20:54

Tgt Ion: 136 Resp: 569438

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.1	5.9	8.9
68	4.3	5.1	7.7#



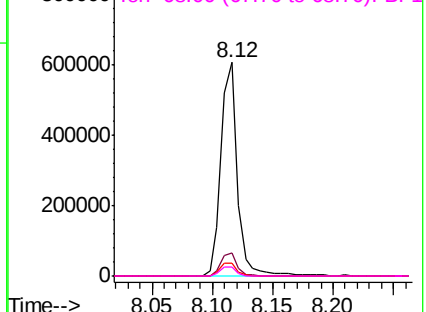
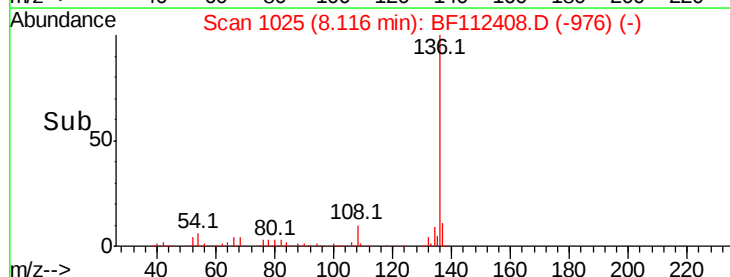
Abundance

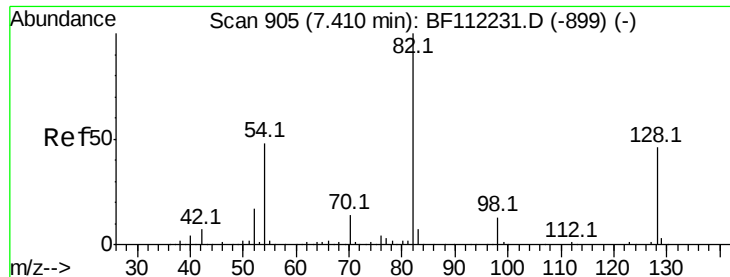
Ion 136.00 (135.70 to 136.70): E

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

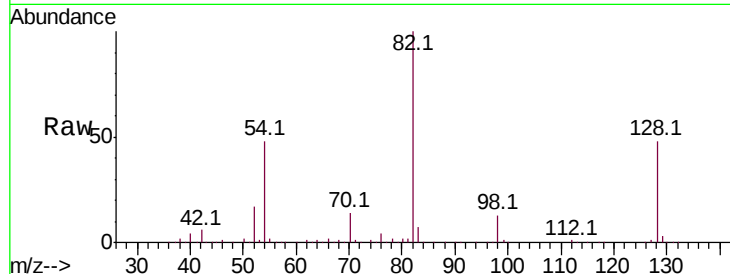




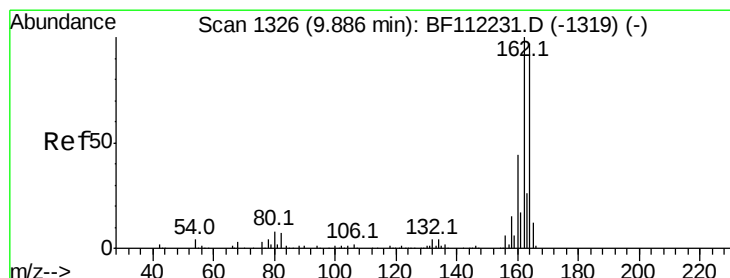
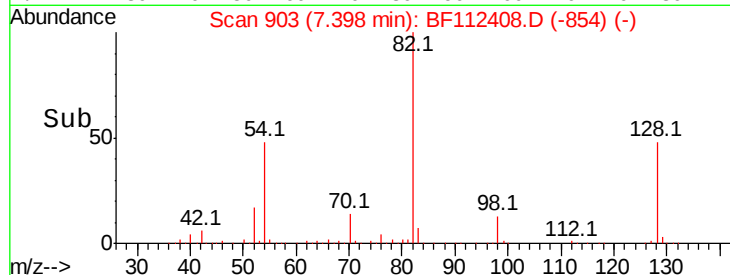
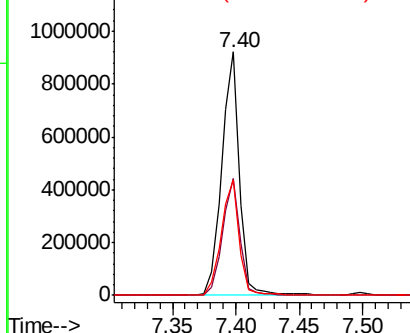
#23
Nitrobenzene-d5
Concen: 90.971 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

Instrument :
BNA_F
ClientSampleId :
CL-02-020419-B

Tot Ion	82	Resp	899041
Ion Ratio	100	Lower	Upper
128	48.1	37.8	56.8
54	47.6	39.7	59.5

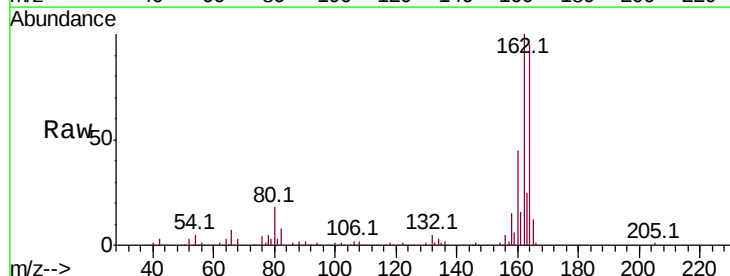


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

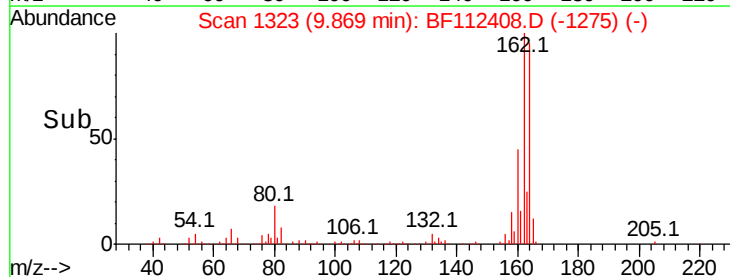
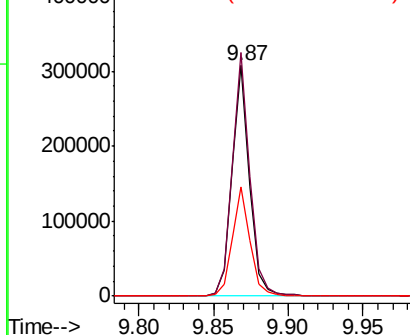


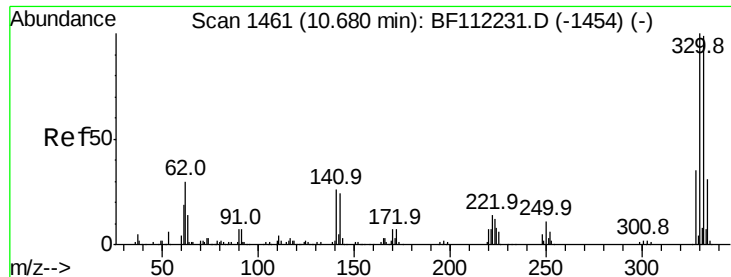
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

Tgt Ion	164	Resp	258389
Ion Ratio	100	Lower	Upper
162	105.8	82.2	123.4
160	47.4	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

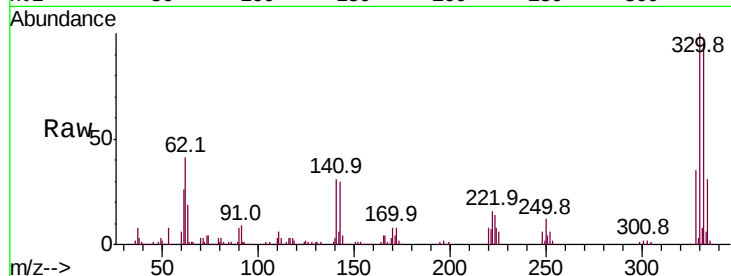




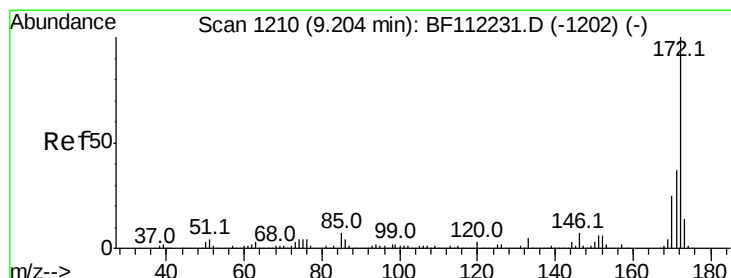
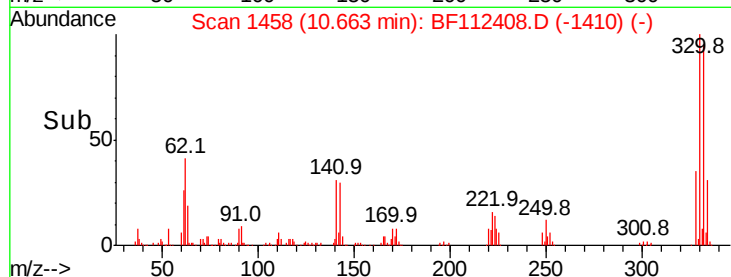
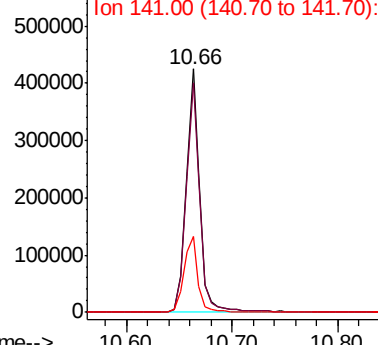
#42
 2,4,6-Tribromophenol
 Concen: 129.216 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	32.1	24.3	36.5

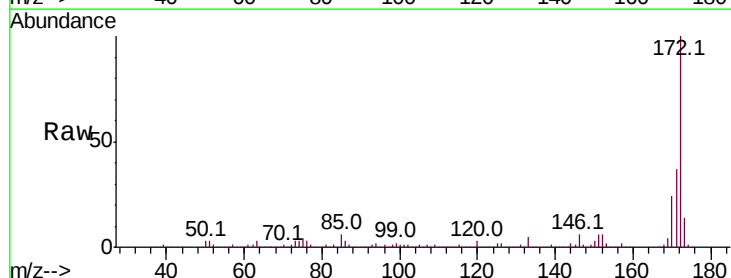


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

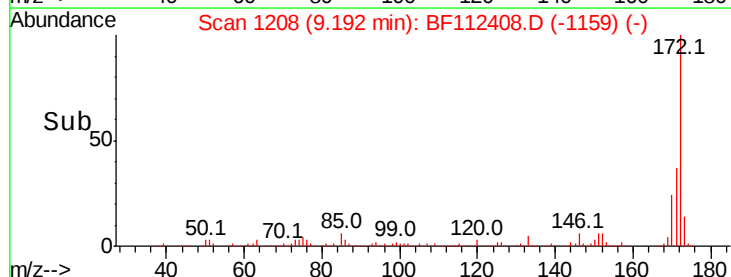
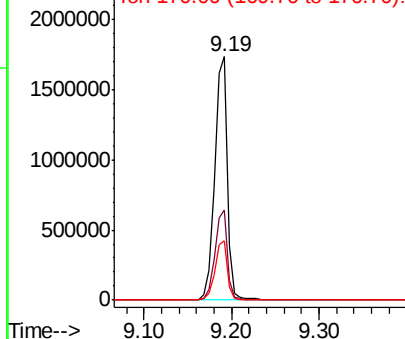


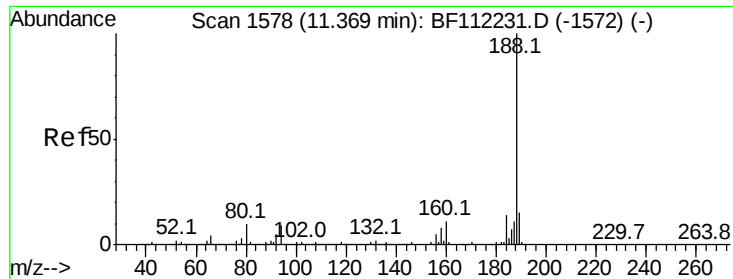
#45
 2-Fluorobiphenyl
 Concen: 95.833 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.5	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

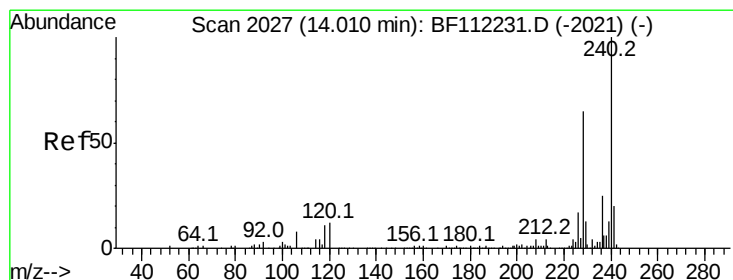
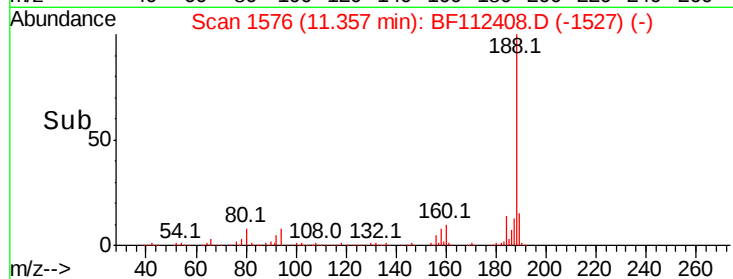
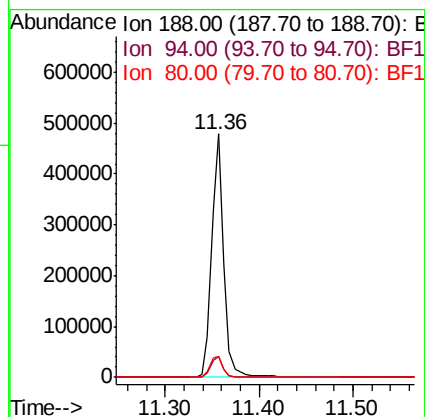
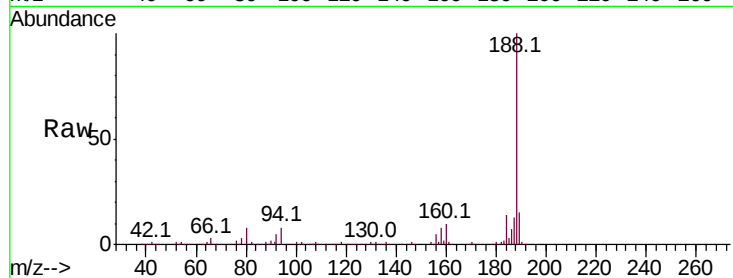




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

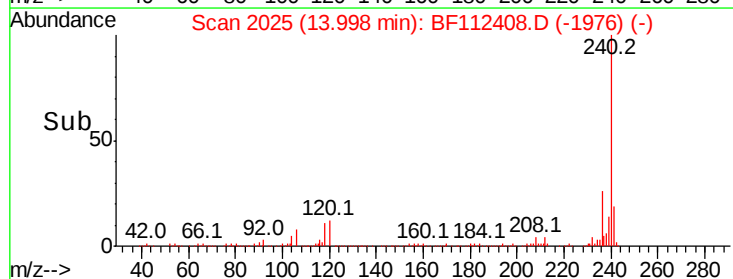
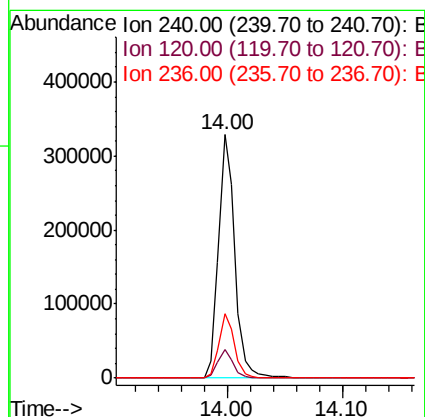
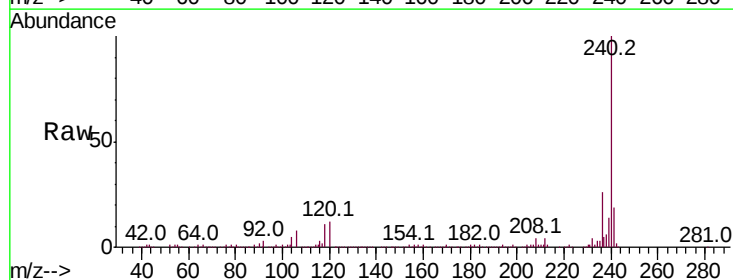
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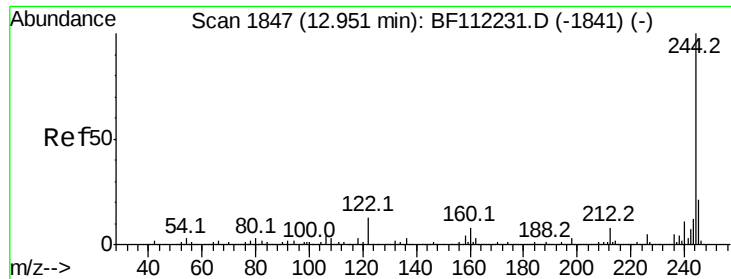
Tot Ion:188 Resp: 434344
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 8.4 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112408.D
Acq: 5 Feb 2019 20:54

Tgt Ion:240 Resp: 322901
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.6
236 26.5 20.7 31.1

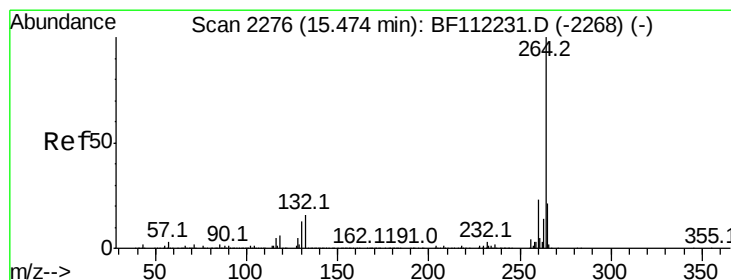
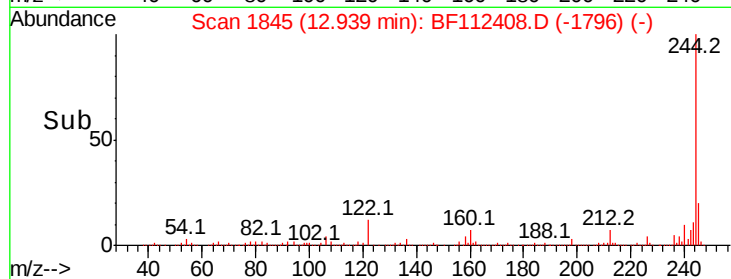
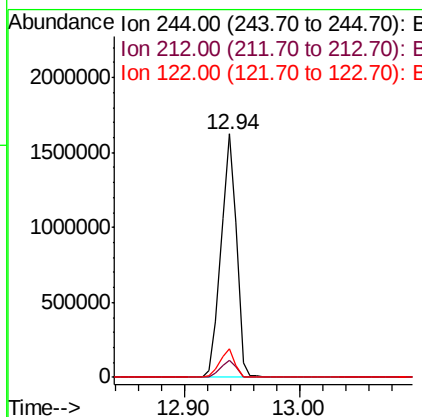
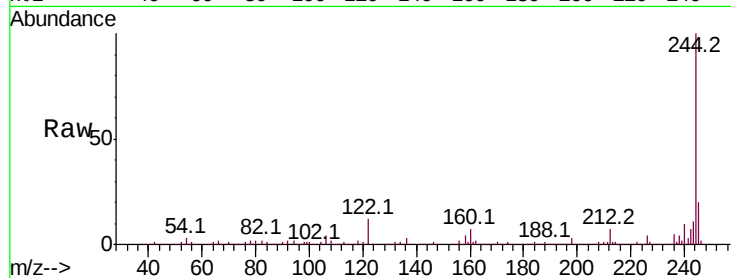




#79
 Terphenyl-d14
 Concen: 88.488 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112408.D
 Acq: 5 Feb 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-020419-B

Tot Ion:244 Resp: 1517054
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 11.8 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: BF112408.D
 Acq: 5 Feb 2019 20:54

Tgt Ion:264 Resp: 272600
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.2 27.2
 265 21.0 17.0 25.4

