

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119789.D
 Acq On : 6 Apr 2020 23:58
 Operator : MA/SJ
 Sample : L2146-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-65-COMP

Quant Time: Apr 07 02:11:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	164153	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	625296	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	324411	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	638702	20.00	ng	0.00
76) Chrysene-d12	13.95	240	498098	20.00	ng	0.00
87) Perylene-d12	15.40	264	490627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1476111	143.15	ng	0.02
7) Phenol-d6	6.42	99	1715447	130.23	ng	0.00
23) Nitrobenzene-d5	7.35	82	1232918	107.16	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	597468	178.52	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2276170	103.94	ng	0.00
79) Terphenyl-d14	12.90	244	2612145	102.75	ng	0.00

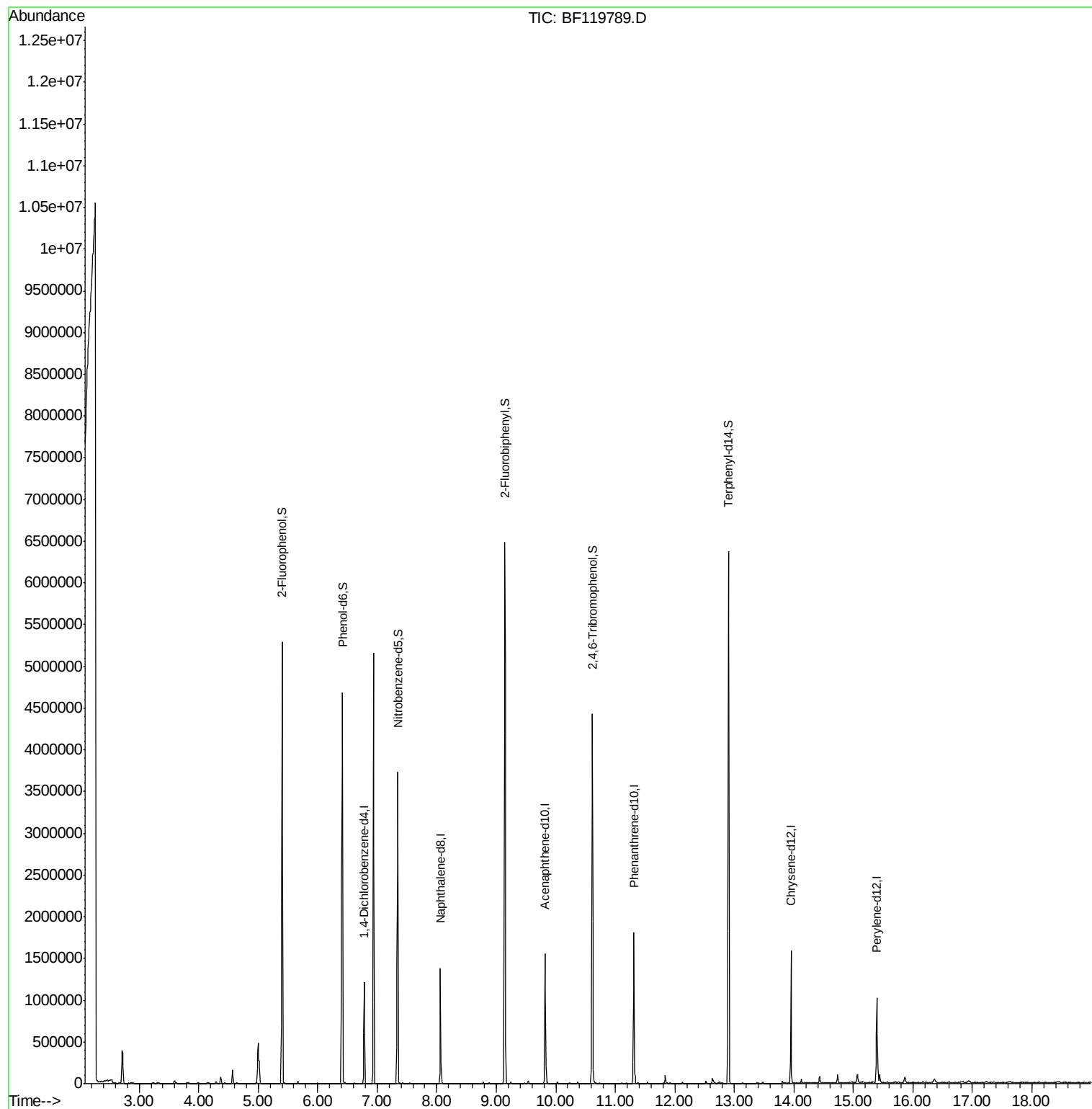
Target Compounds Qvalue

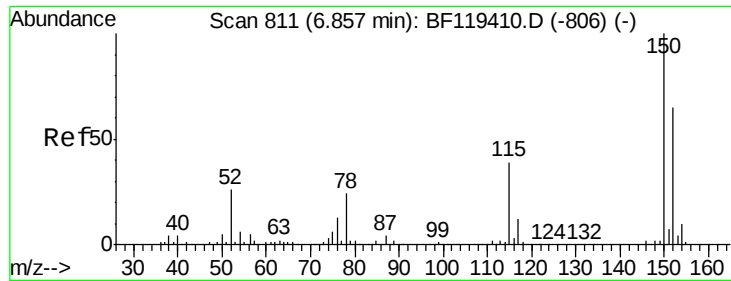
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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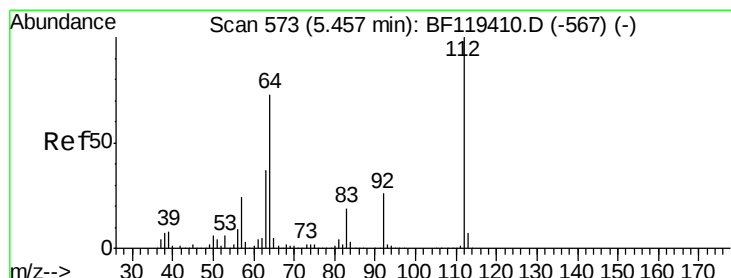
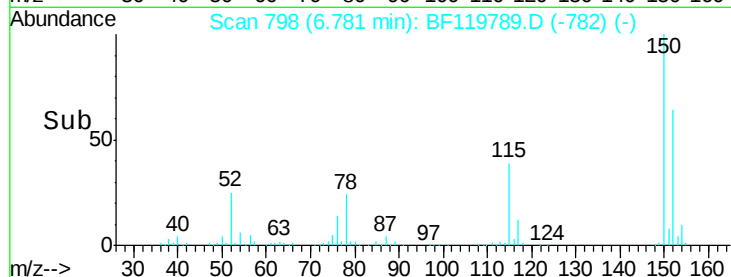
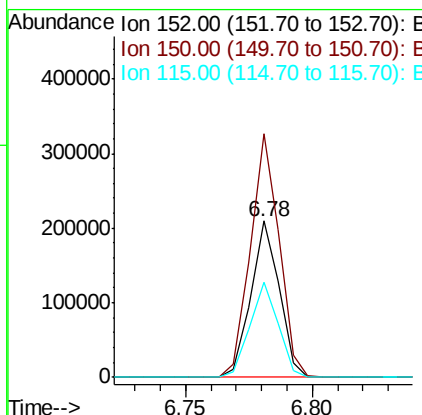
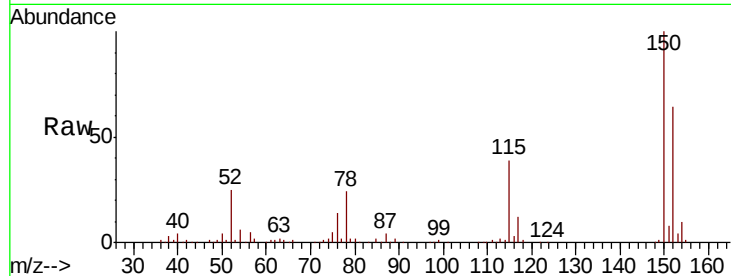


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-65-COMP

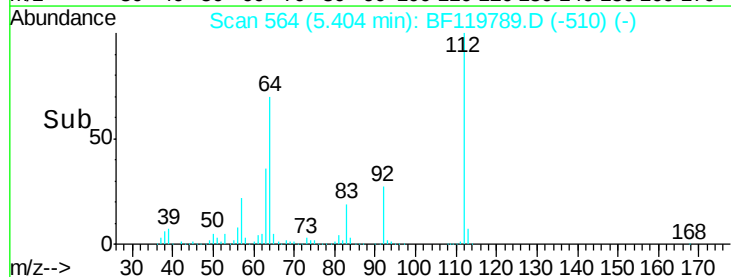
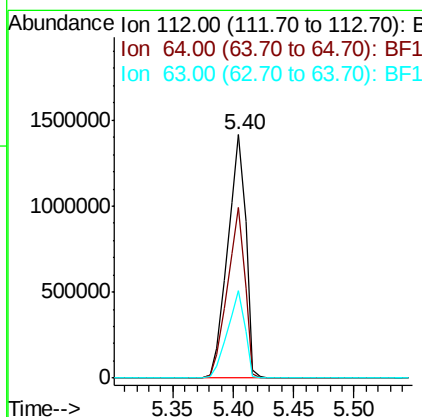
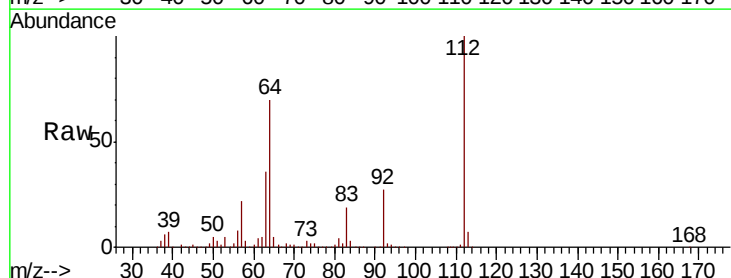
Tot Ion:152 Resp: 164153
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.5 186.7
 115 60.5 49.6 74.4

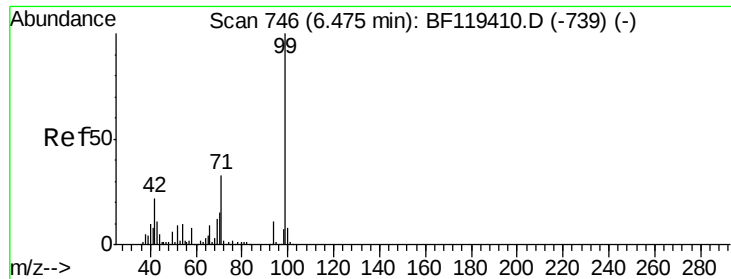


#5

2-Fluorophenol
 Concen: 143.149 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.02 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

Tgt Ion:112 Resp: 1476111
 Ion Ratio Lower Upper
 112 100
 64 69.8 56.7 85.1
 63 35.7 29.5 44.3





#7

Phenol-d6

Concen: 130.229 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Instrument :

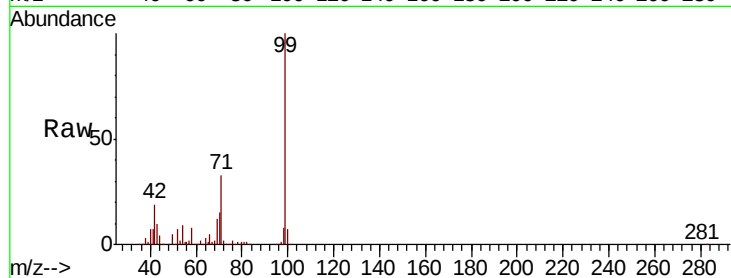
BNA_F

ClientSampleId :

TP-65-COMP

Tot Ion: 99 Resp: 1715447

Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.6	24.8
71	32.7	26.4	39.6

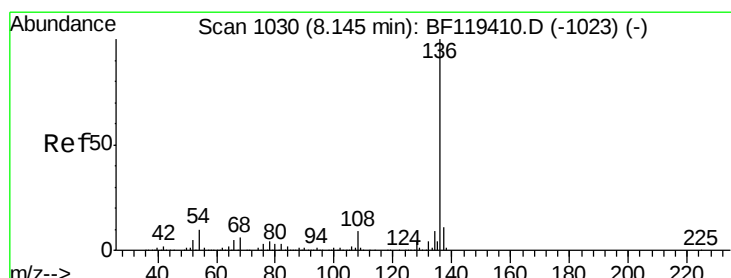
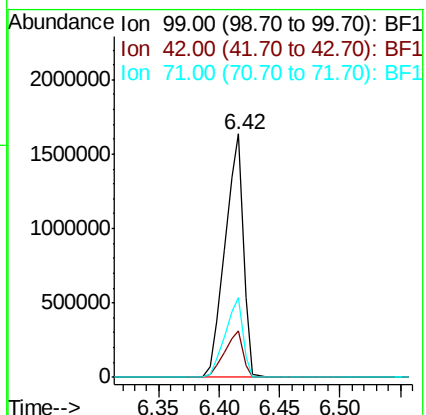
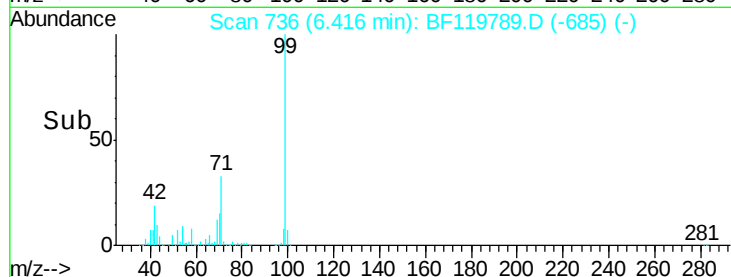


Abundance

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: 8.06 min Scan# 1016

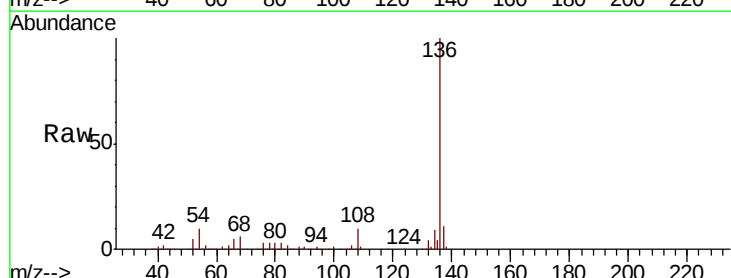
Delta R.T. -0.01 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Tgt Ion: 136 Resp: 625296

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.2	9.1	13.7
68	5.9	4.6	6.8



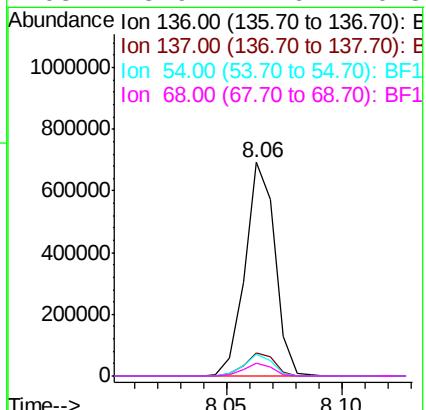
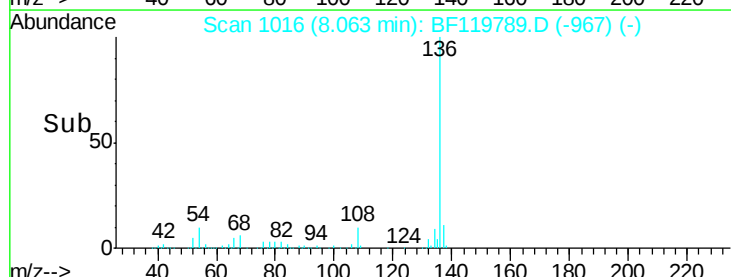
Abundance

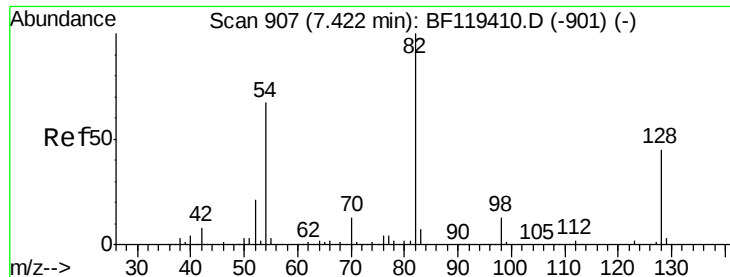
Ion 136.00 (135.70 to 136.70): E

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



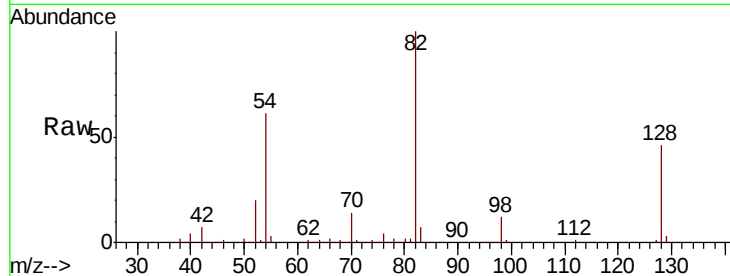


#23
 Nitrobenzene-d5
 Concen: 107.160 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

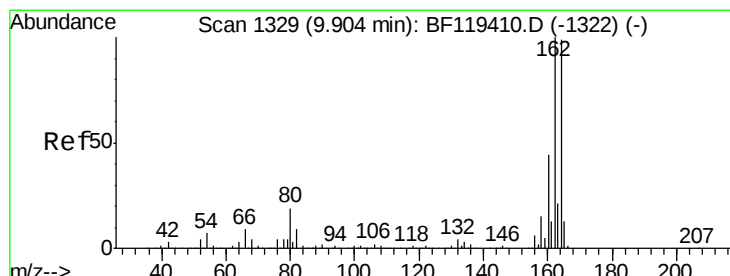
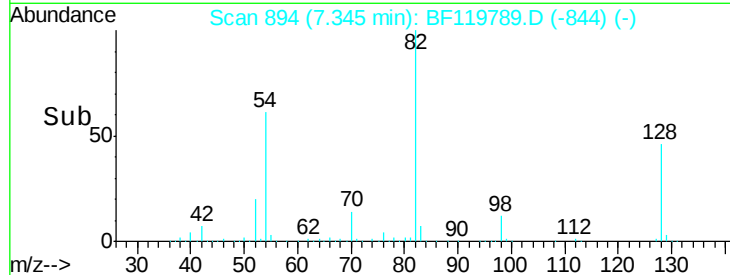
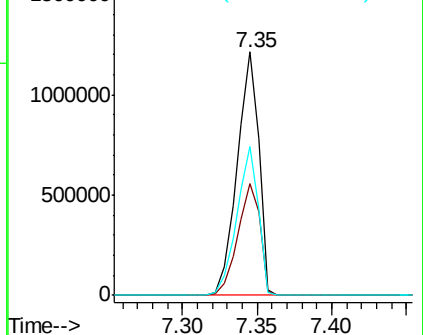
Instrument :
 BNA_F
 ClientSampleId :
 TP-65-COMP

Tot Ion: 82 Resp: 1232918

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.3	54.5
54	61.3	50.6	75.8



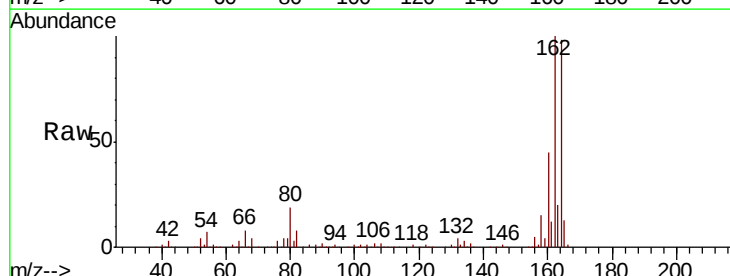
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



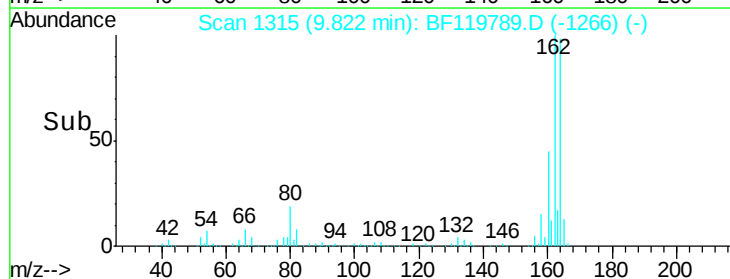
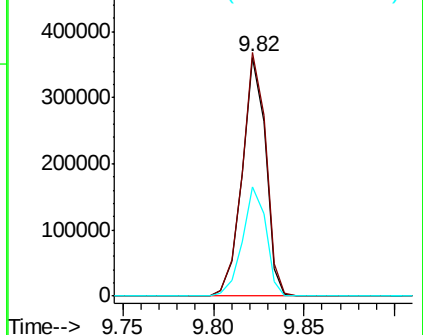
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

Tgt Ion:164 Resp: 324411

Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	121.0
160	45.8	35.7	53.5



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

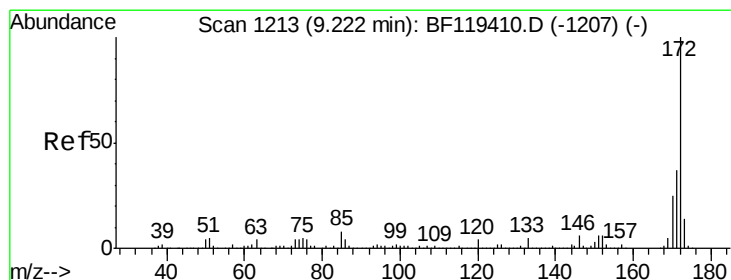
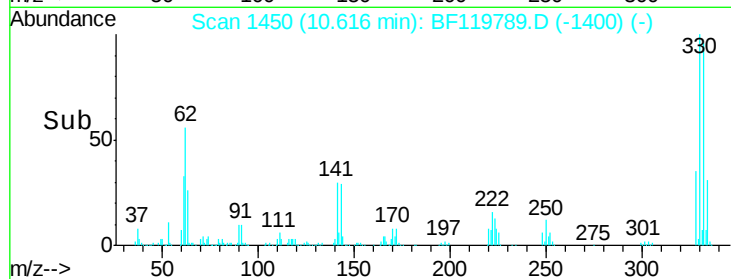
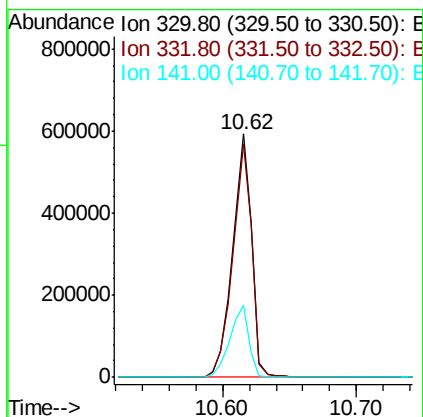
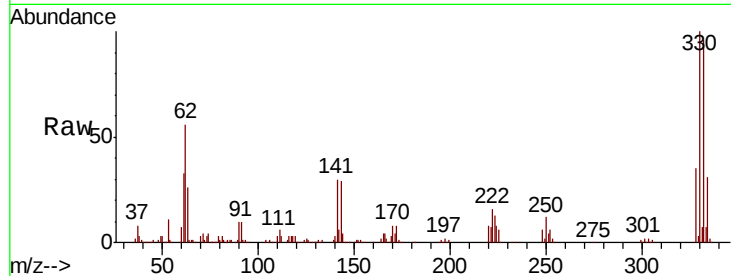




#42
 2,4,6-Tribromophenol
 Concen: 178.517 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

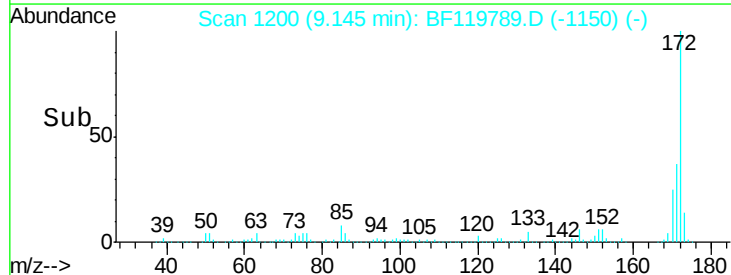
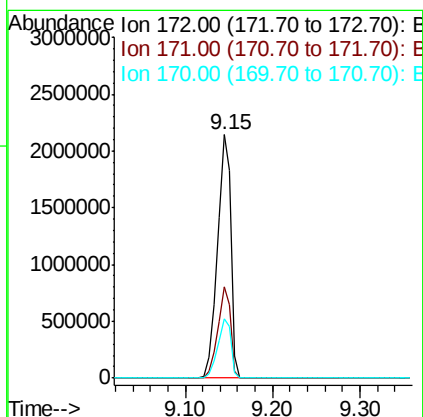
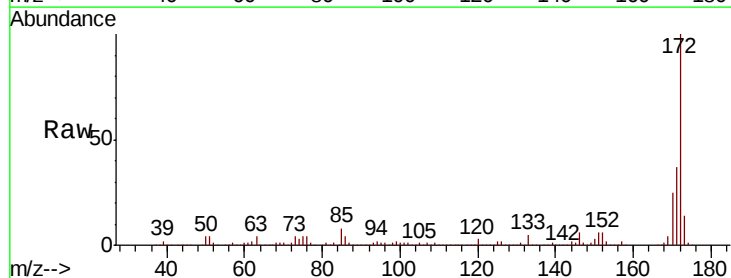
Instrument :
 BNA_F
 ClientSampleId :
 TP-65-COMP

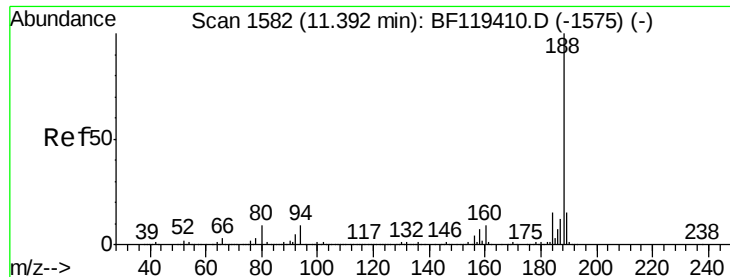
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.7	113.5
141	29.9	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 103.945 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.5	20.2	30.2

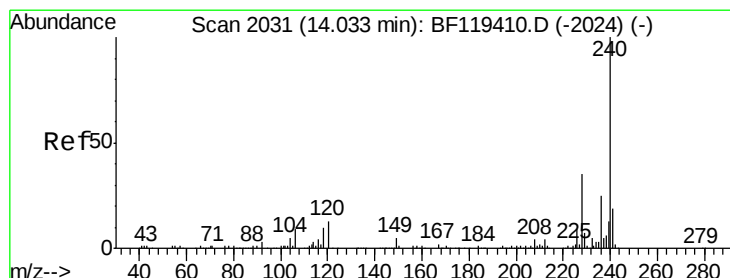
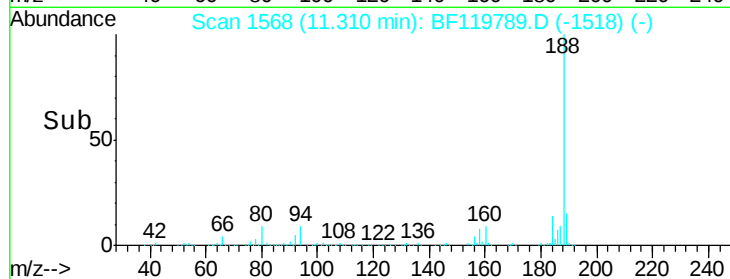
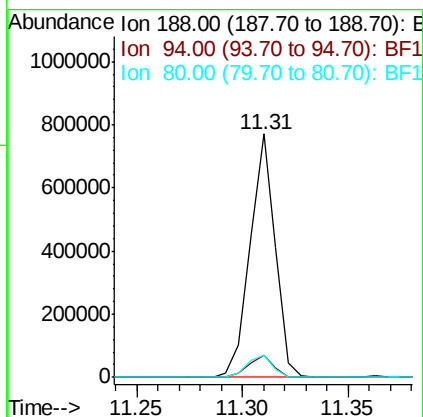
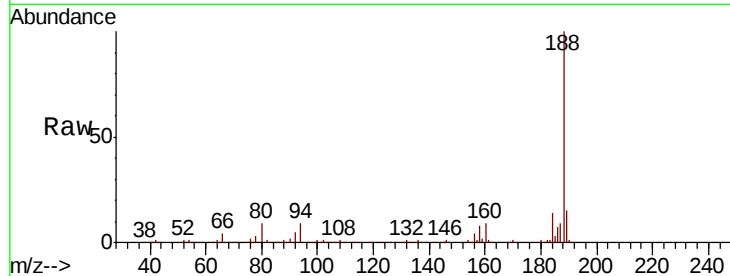




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119789.D
Acq: 6 Apr 2020 23:58

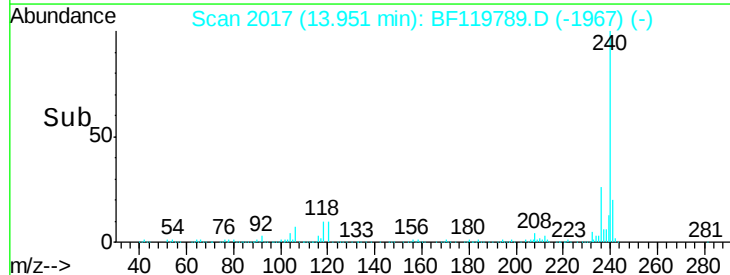
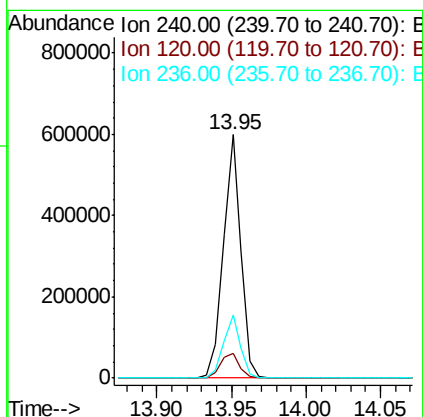
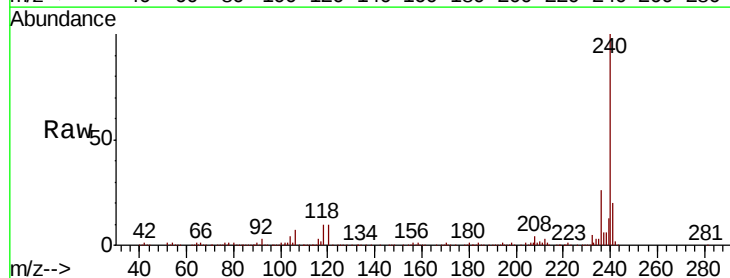
Instrument :
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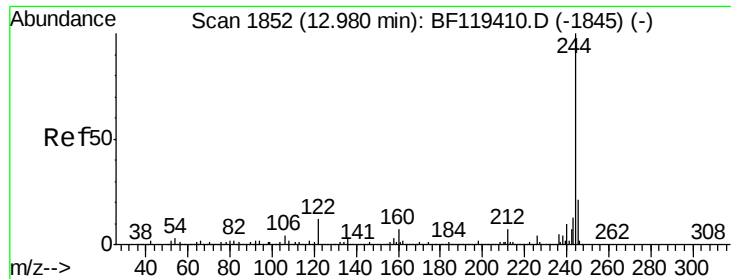
Tot Ion:188 Resp: 638702
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 9.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119789.D
Acq: 6 Apr 2020 23:58

Tgt Ion:240 Resp: 498098
Ion Ratio Lower Upper
240 100
120 10.4 10.6 15.8#
236 25.7 20.2 30.2





#79

Terphenyl-d14

Concen: 102.746 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

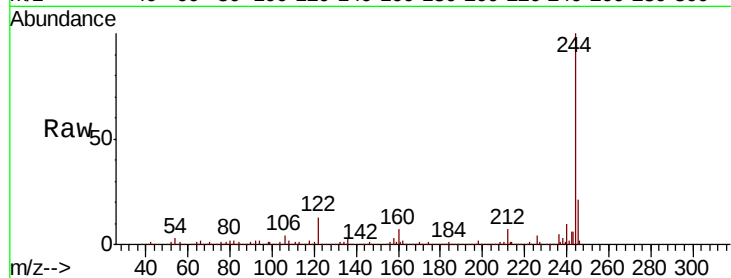
Tot Ion:244 Resp: 2612145

Ion Ratio Lower Upper

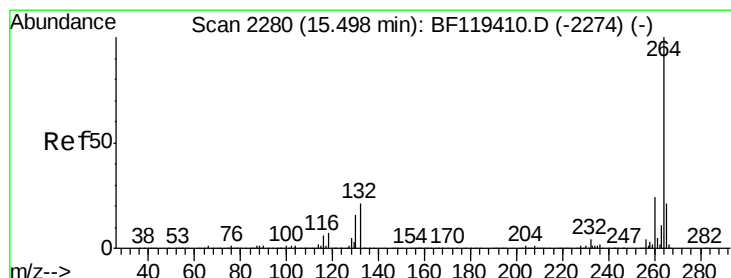
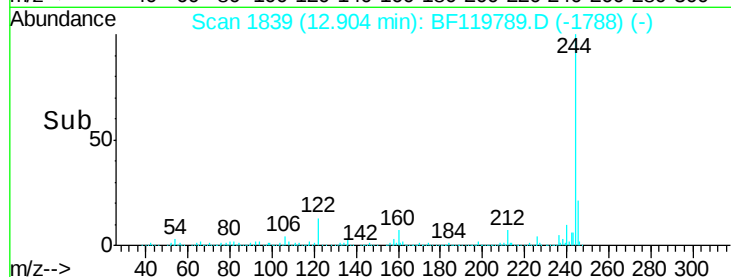
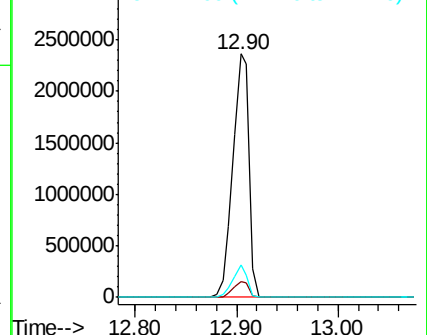
244 100

212 6.6 5.8 8.8

122 13.1 10.3 15.5



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: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

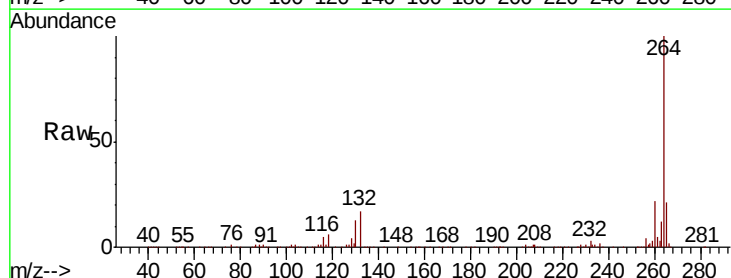
Tgt Ion:264 Resp: 490627

Ion Ratio Lower Upper

264 100

260 22.0 18.7 28.1

265 20.7 17.7 26.5



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

