

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119177.D
 Acq On : 2 Mar 2020 19:22
 Operator : CG/JU
 Sample : L1740-04 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-09-022720

Quant Time: Mar 03 08:12:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114350	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	460982	20.00	ng	-0.02
39) Acenaphthene-d10	9.77	164	259814	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	474981	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	351456	20.00	ng	-0.01
87) Perylene-d12	15.32	264	320630	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	275099	40.20	ng	-0.01
7) Phenol-d6	6.38	99	355755	42.75	ng	-0.02
23) Nitrobenzene-d5	7.30	82	221444	25.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	123755	36.41	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	492247	27.91	ng	-0.02
79) Terphenyl-d14	12.83	244	600439	29.41	ng	-0.02

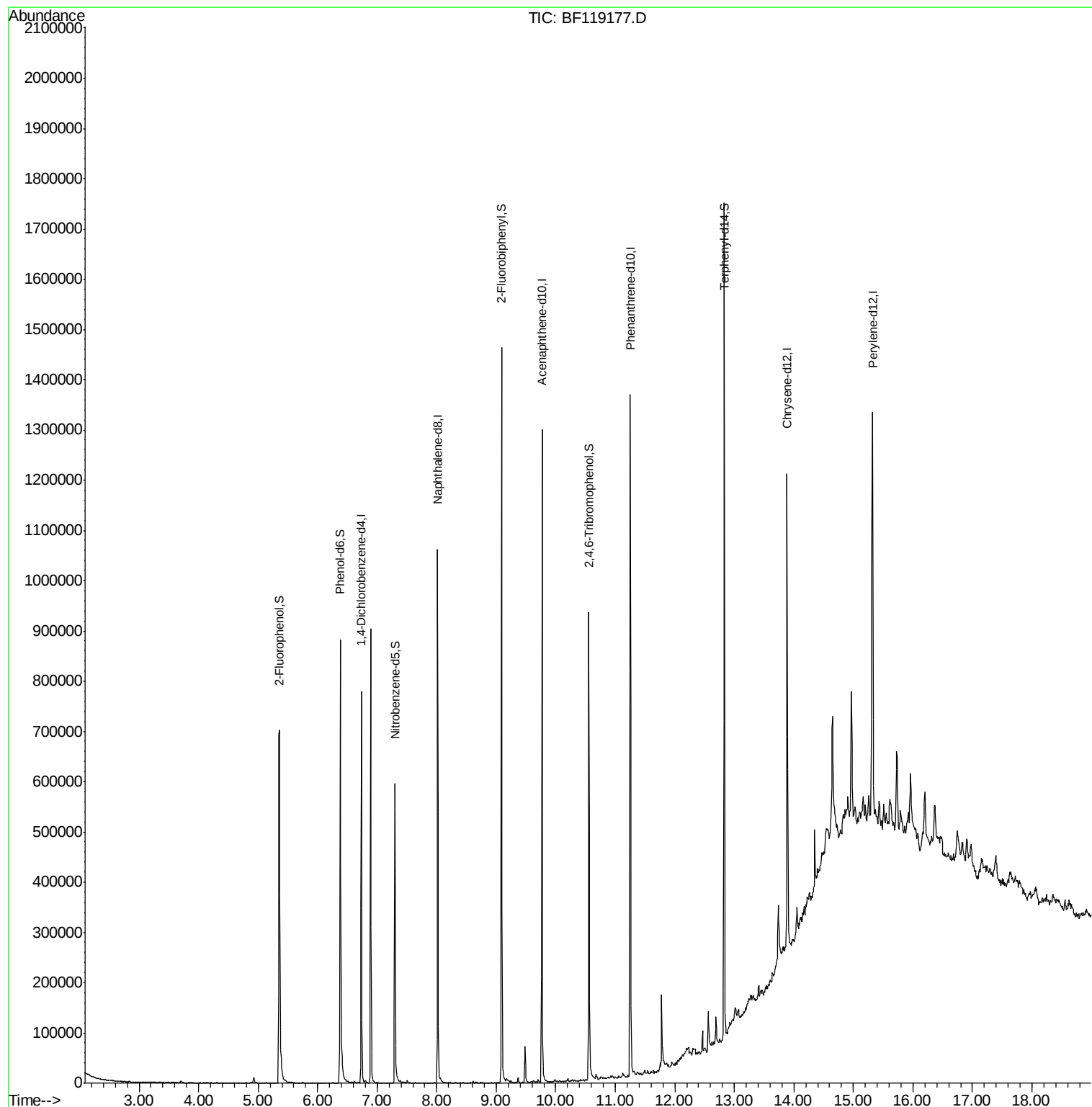
Target Compounds Qvalue

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

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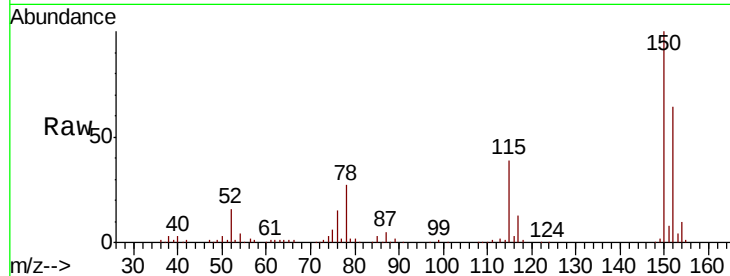


#1

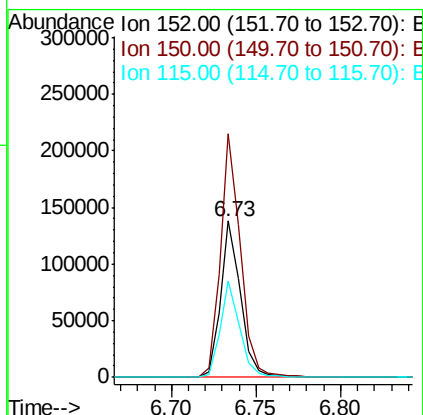
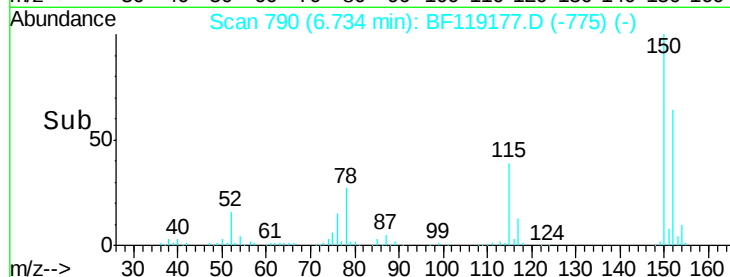
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

Instrument :
BNA_F
ClientSampleId :
GP-09-022720

Tot Ion:152 Resp: 114350
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 61.3 49.5 74.3



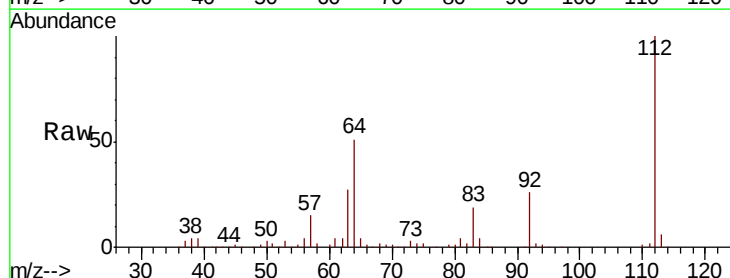
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



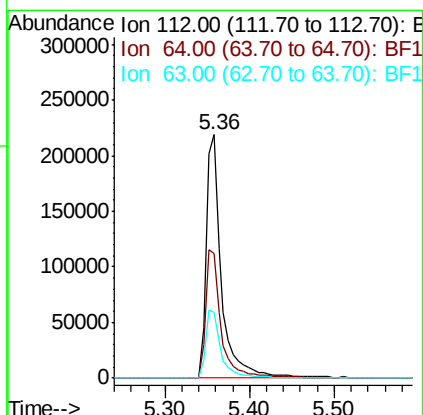
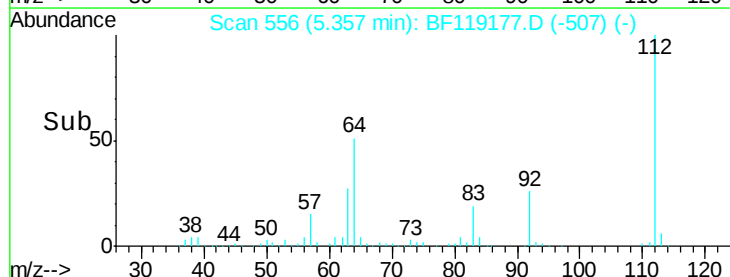
#5

2-Fluorophenol
Concen: 40.205 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

Tgt Ion:112 Resp: 275099
Ion Ratio Lower Upper
112 100
64 51.4 45.0 67.4
63 27.2 24.2 36.4



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: 42.750 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

Instrument :

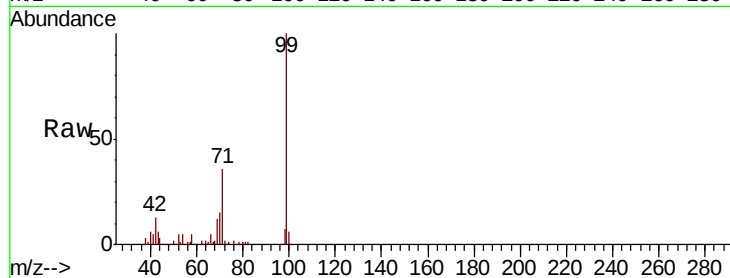
BNA_F

ClientSampleId :

GP-09-022720

Tot Ion: 99 Resp: 355755

Ion	Ratio	Lower	Upper
99	100		
42	13.4	12.6	18.8
71	36.2	31.0	46.4

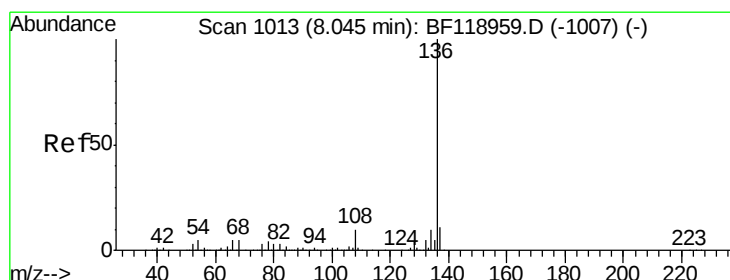
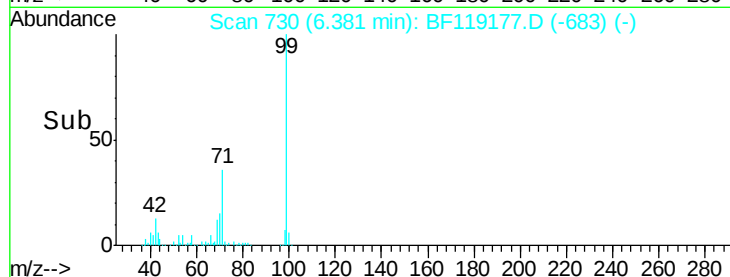
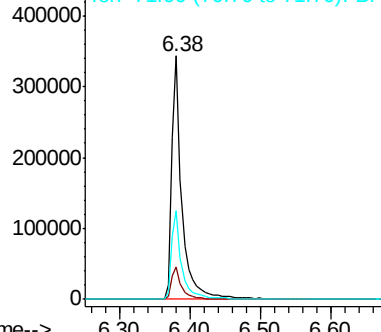


Abundance

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: 8.02 min Scan# 1008

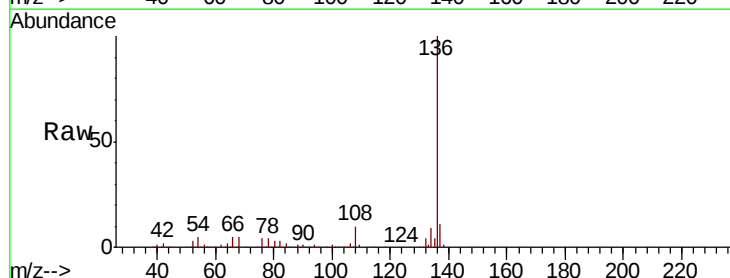
Delta R.T. -0.02 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

Tgt Ion: 136 Resp: 460982

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	5.0	3.8	5.6
68	5.1	3.9	5.9



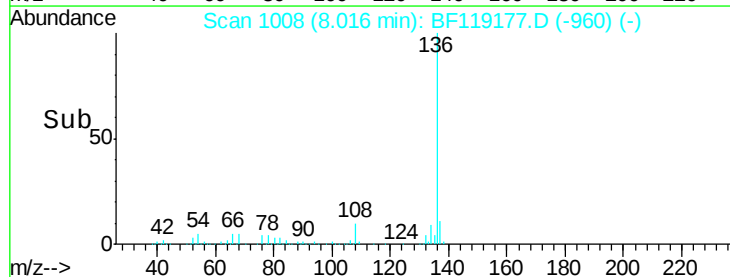
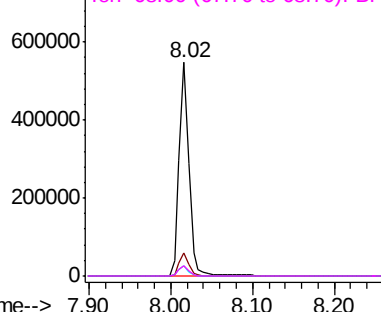
Abundance

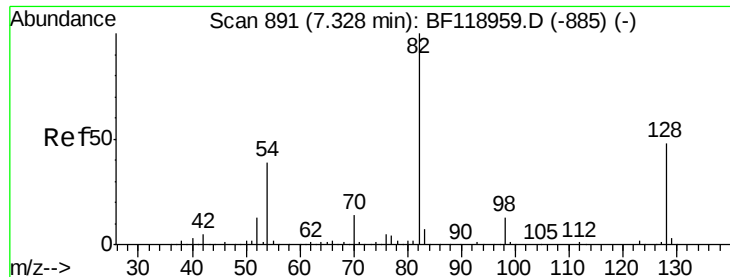
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

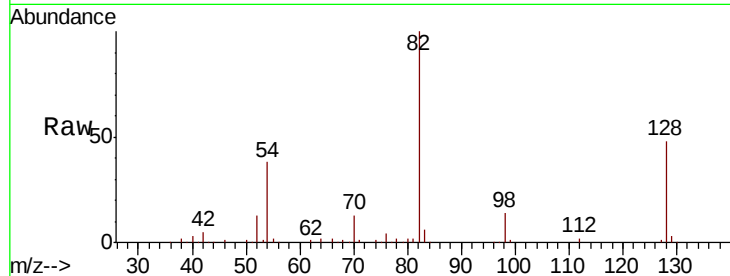




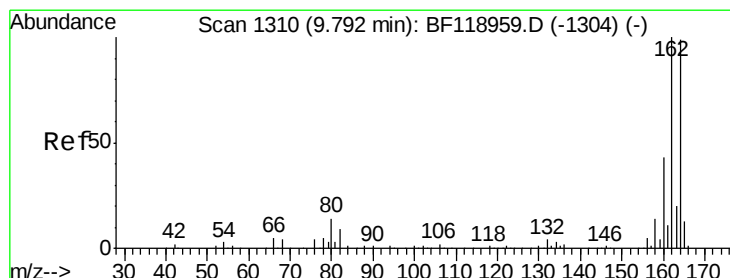
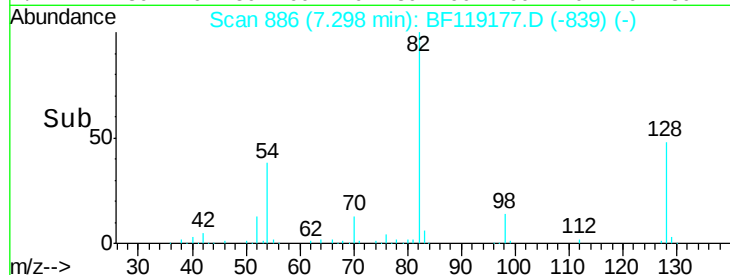
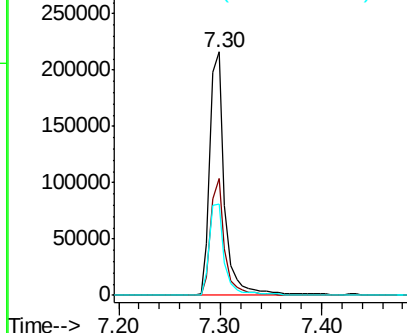
#23
 Nitrobenzene-d5
 Concen: 25.364 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-09-022720

Tot Ion: 82 Resp: 221444
 Ion Ratio Lower Upper
 82 100
 128 48.2 37.9 56.9
 54 37.6 33.4 50.2

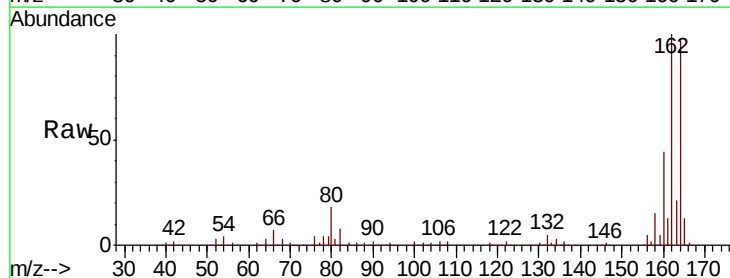


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

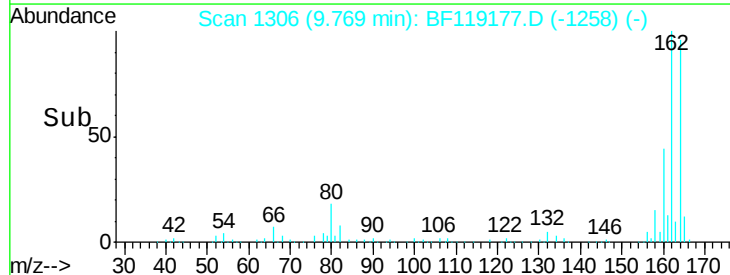
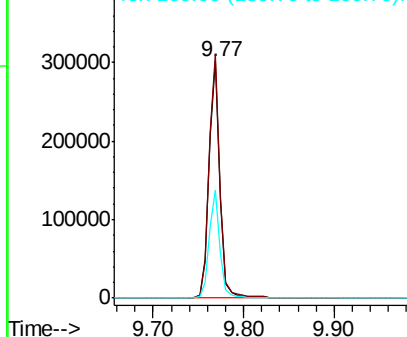


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Tgt Ion:164 Resp: 259814
 Ion Ratio Lower Upper
 164 100
 162 102.9 81.8 122.8
 160 45.7 36.0 54.0



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

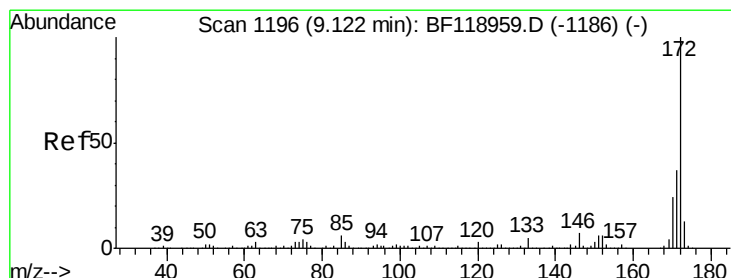
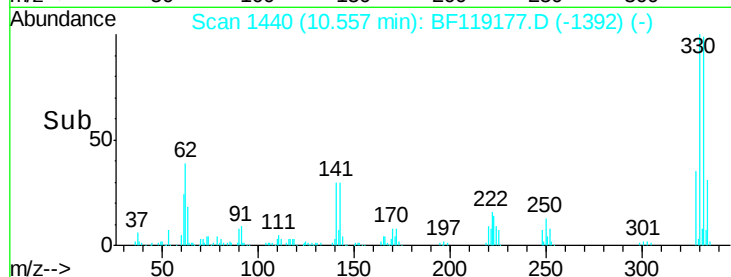
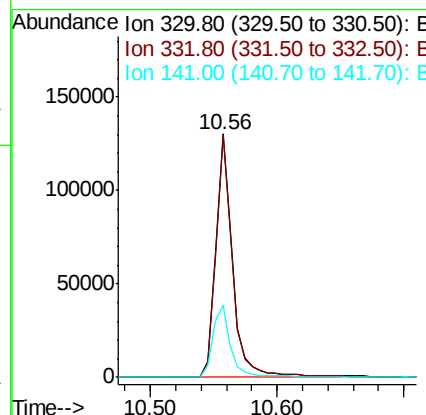
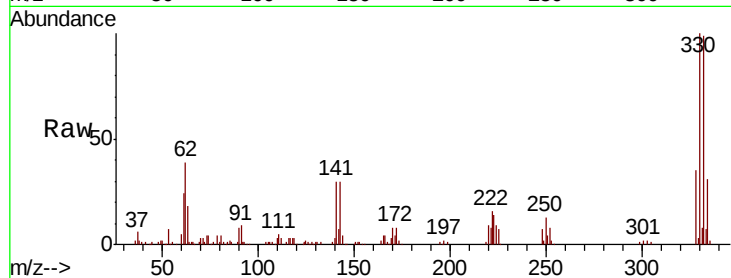




#42
 2,4,6-Tribromophenol
 Concen: 36.411 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

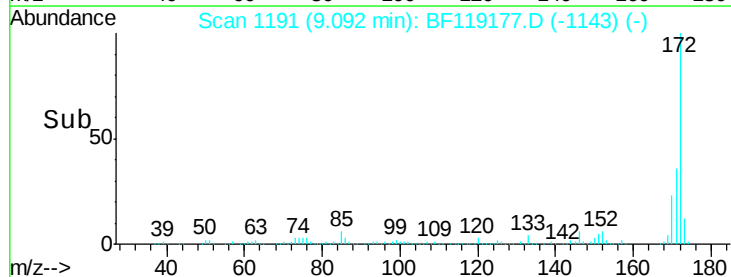
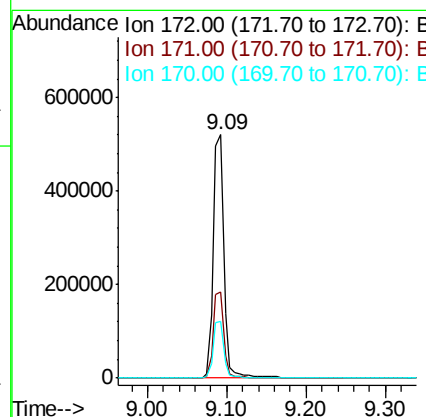
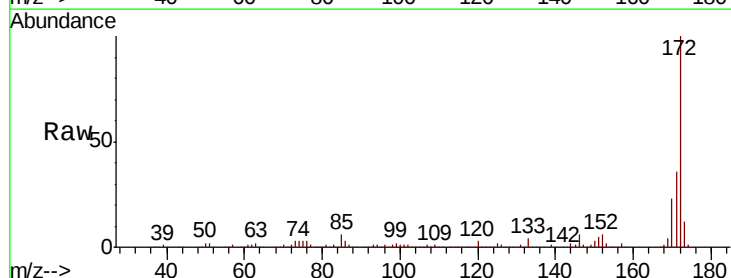
Instrument :
 BNA_F
 ClientSampleId :
 GP-09-022720

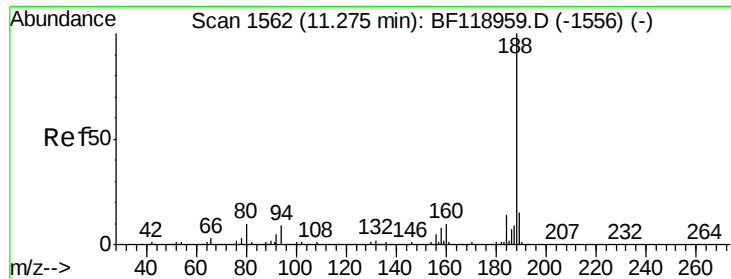
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.0	114.0
141	31.7	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 27.911 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119177.D
 Acq: 2 Mar 2020 19:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.6	45.8
170	23.2	20.2	30.2

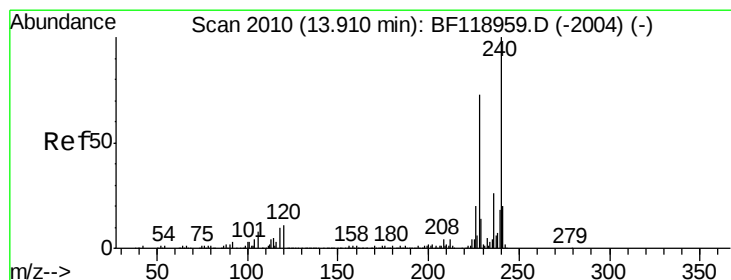
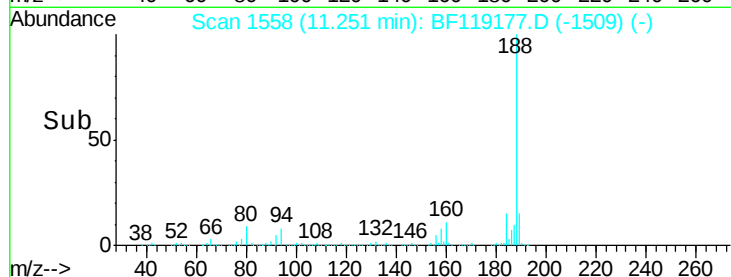
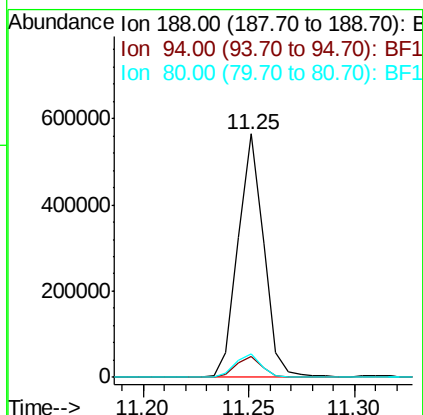
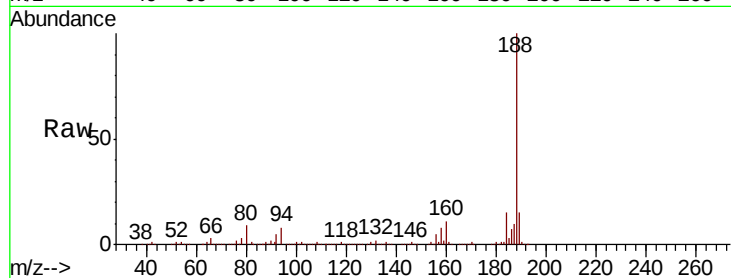




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

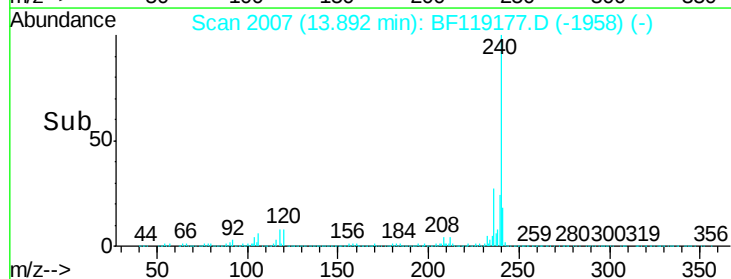
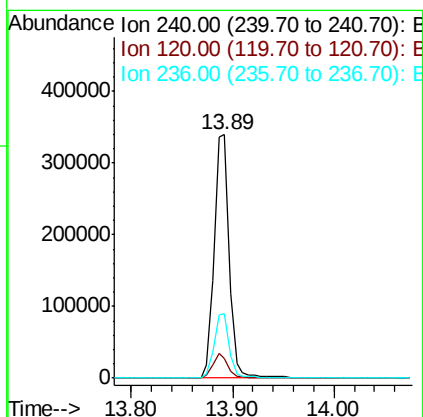
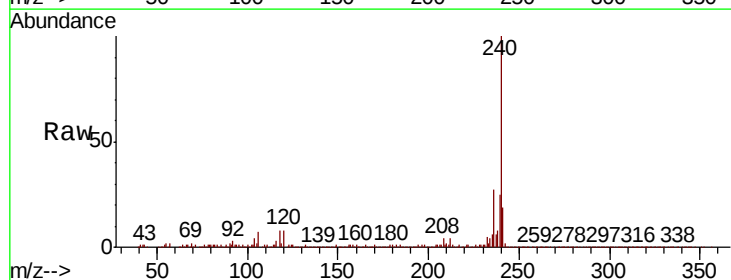
Instrument :
BNA_F
ClientSampleId :
GP-09-022720

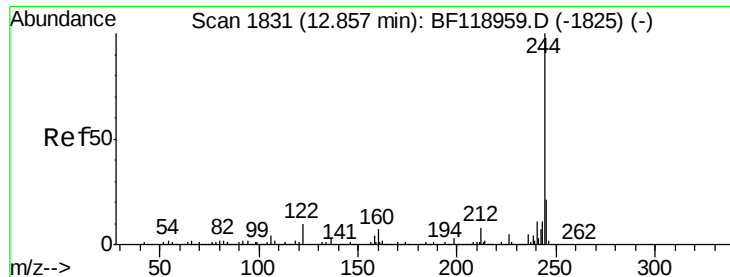
Tot Ion:188 Resp: 474981
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119177.D
Acq: 2 Mar 2020 19:22

Tgt Ion:240 Resp: 351456
Ion Ratio Lower Upper
240 100
120 8.1 8.4 12.6#
236 26.7 21.0 31.4





#79

Terphenyl-d14

Concen: 29.414 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

Instrument :

BNA_F

ClientSampleId :

GP-09-022720

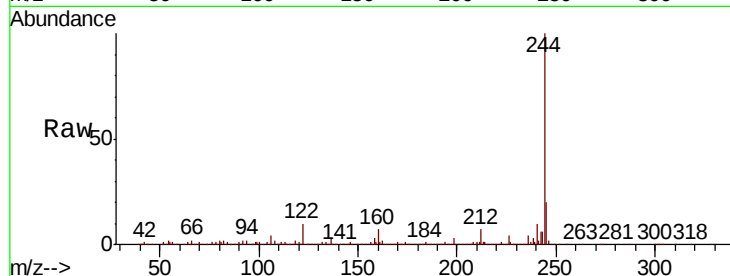
Tot Ion:244 Resp: 600439

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

122 10.5 8.2 12.2



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

12.83

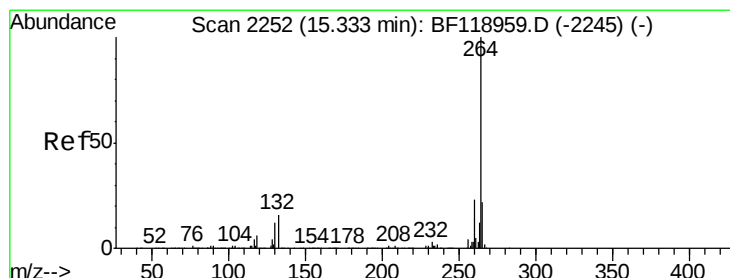
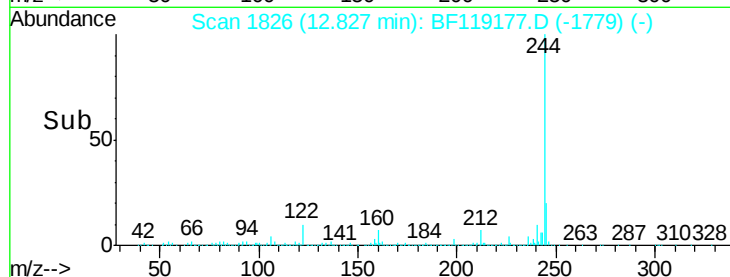
600000

400000

200000

0

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2249

Delta R.T. -0.01 min

Lab File: BF119177.D

Acq: 2 Mar 2020 19:22

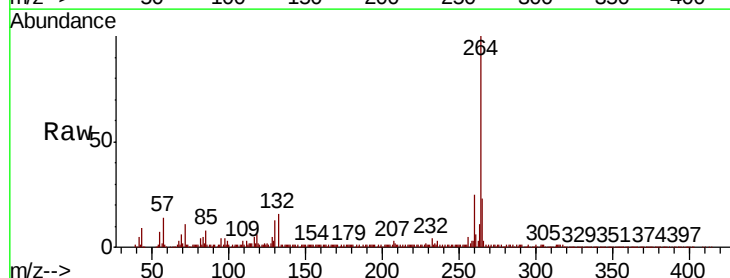
Tgt Ion:264 Resp: 320630

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 22.6 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

15.32

300000

200000

100000

0

Time-->

