

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119712.D
 Acq On : 3 Apr 2020 12:04
 Operator : MA/SJ
 Sample : PB127977BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BL

Quant Time: Apr 03 12:36:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	205387	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	768285	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	400420	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	807255	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	704474	20.00	ng	-0.02
87) Perylene-d12	15.43	264	747087	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1693964	131.30	ng	0.01
7) Phenol-d6	6.43	99	2166710	131.46	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1334441	94.40	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	633584	153.37	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2484741	91.93	ng	-0.01
79) Terphenyl-d14	12.93	244	3004031	83.55	ng	-0.01

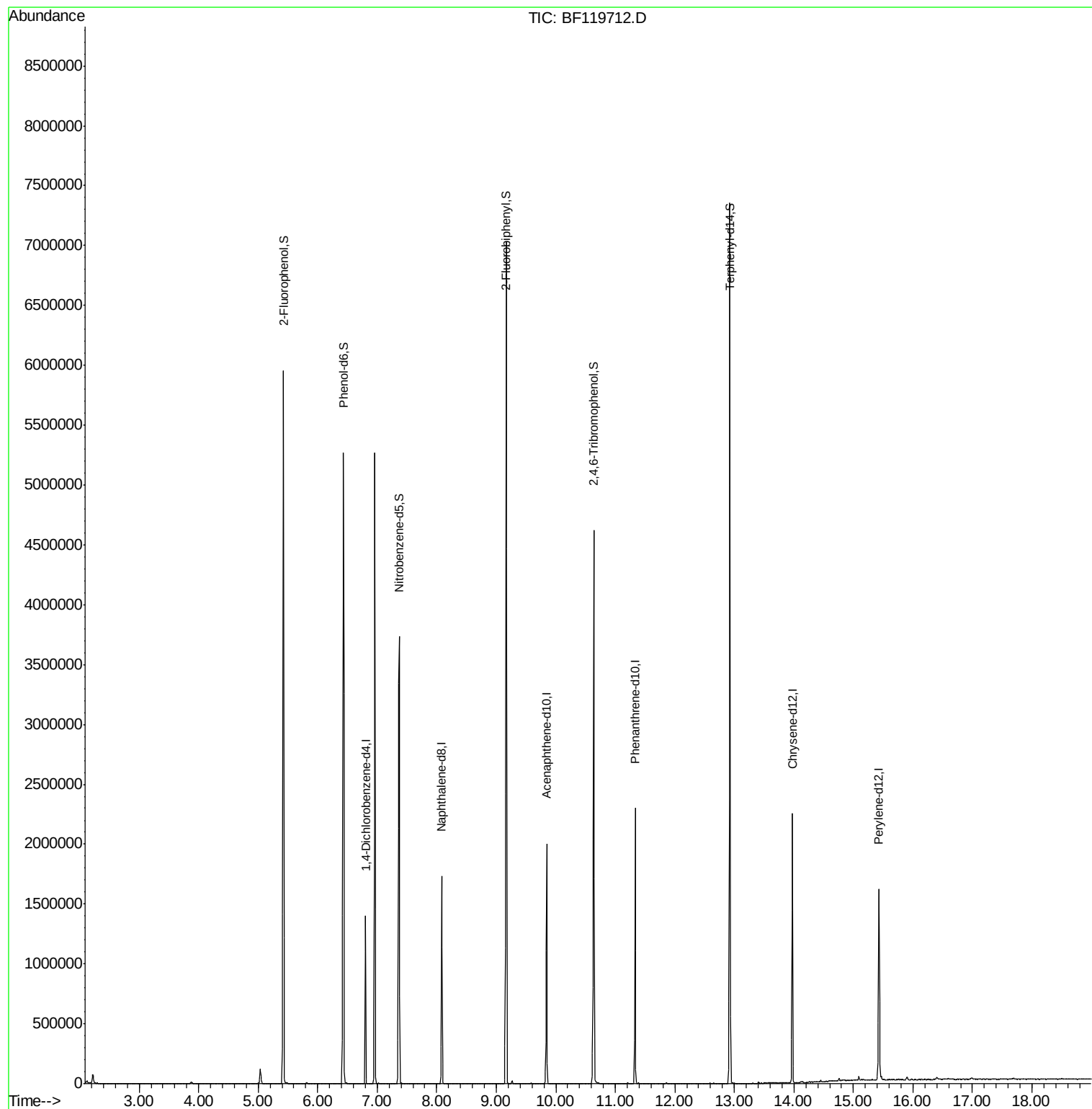
Target Compounds Qvalue

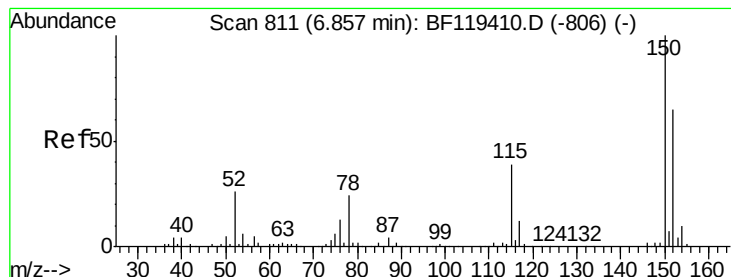
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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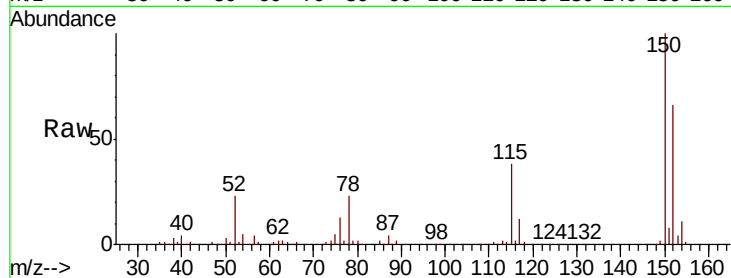


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119712.D
Acq: 3 Apr 2020 12:04

Instrument :
BNA_F
ClientSampleId :
PB127977BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.5	186.7
115	57.3	49.6	74.4

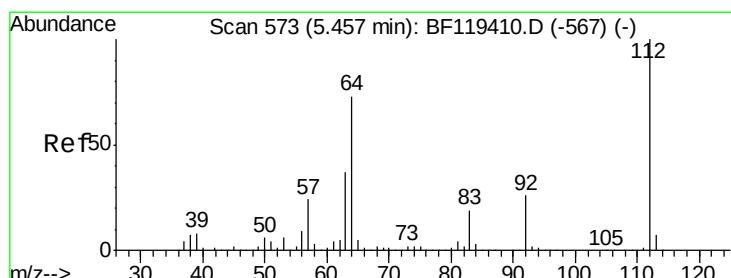
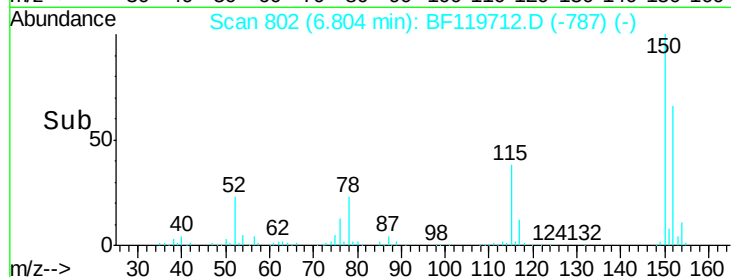
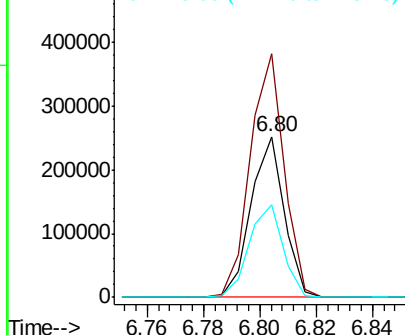


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

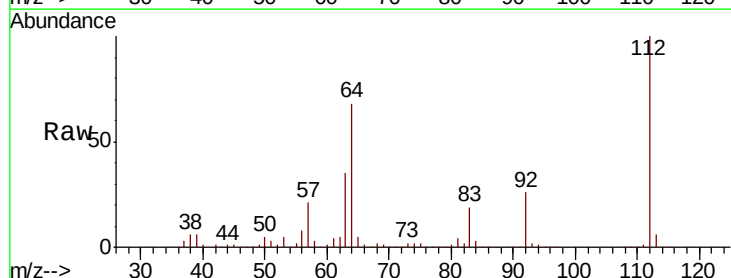
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.295 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119712.D
Acq: 3 Apr 2020 12:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.7	85.1
63	35.0	29.5	44.3

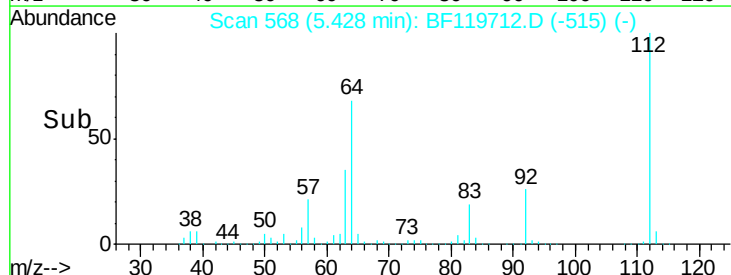
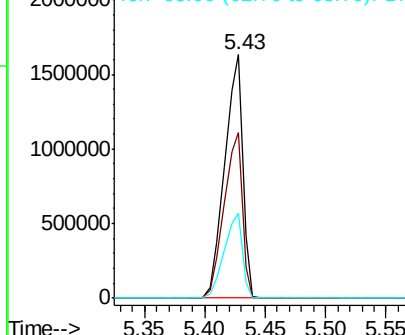


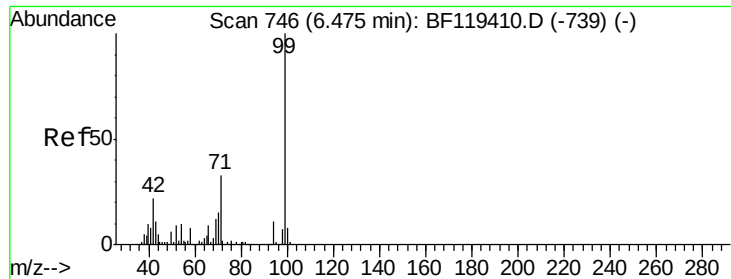
Abundance

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: 131.464 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Instrument :

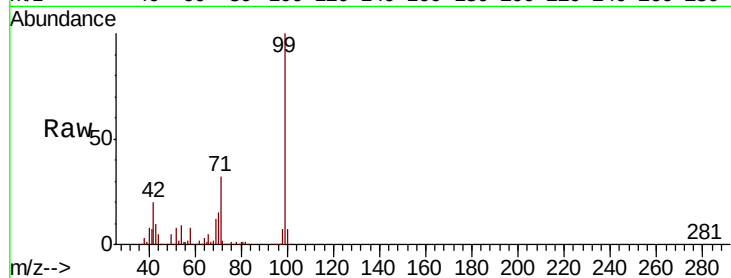
BNA_F

ClientSampleId :

PB127977BL

Tot Ion: 99 Resp: 2166710

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.6	24.8
71	32.3	26.4	39.6

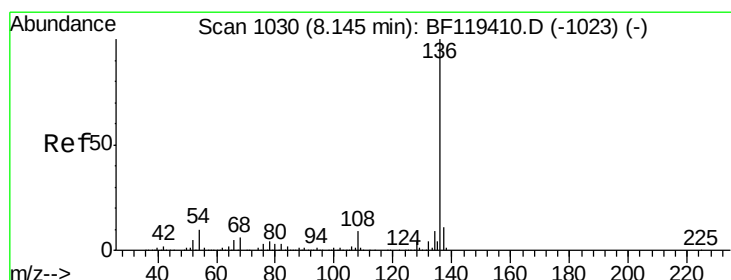
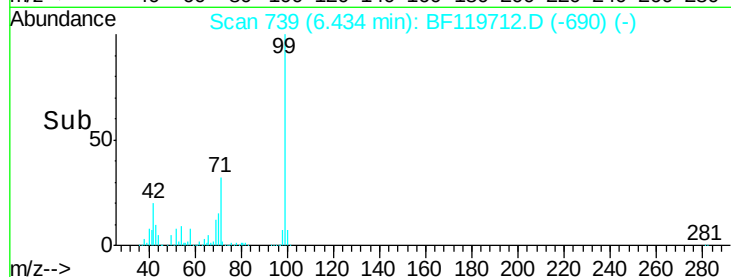
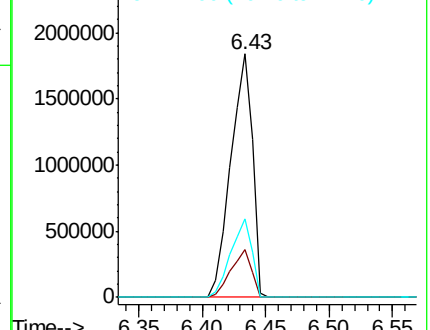


Abundance

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: 8.09 min Scan# 1020

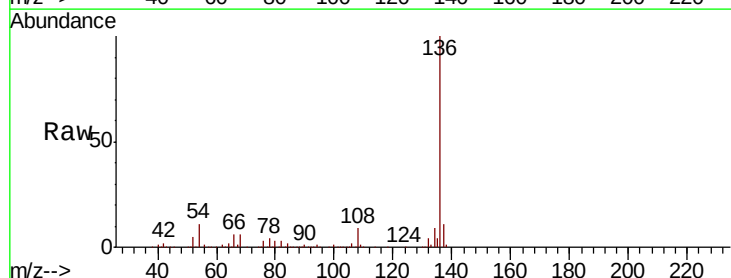
Delta R.T. -0.02 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Tgt Ion: 136 Resp: 768285

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.7	9.1	13.7
68	6.2	4.6	6.8



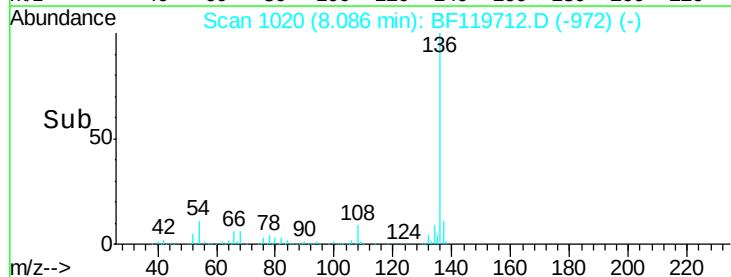
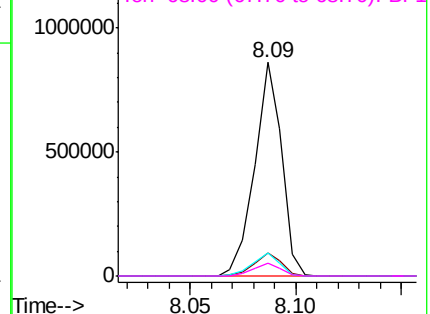
Abundance

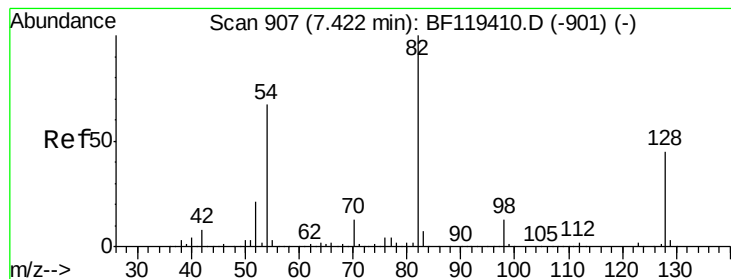
Ion 136.00 (135.70 to 136.70): E

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: 94.397 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Instrument :

BNA_F

ClientSampleId :

PB127977BL

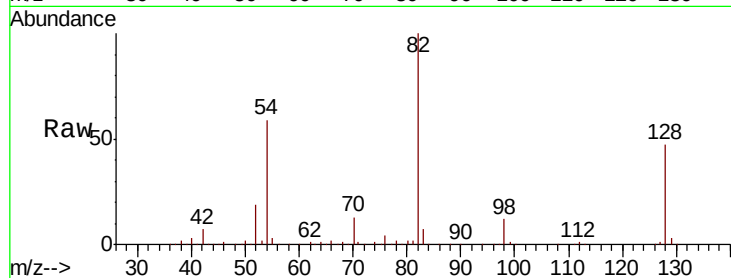
Tot Ion: 82 Resp: 1334441

Ion Ratio Lower Upper

82 100

128 47.2 36.3 54.5

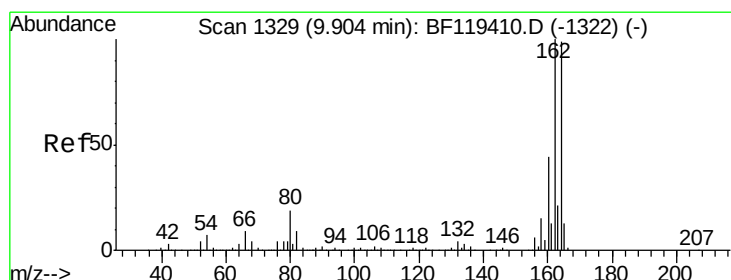
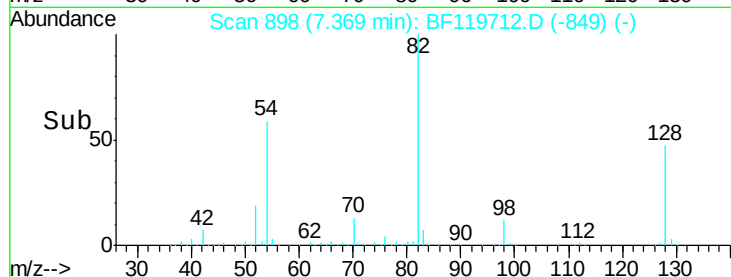
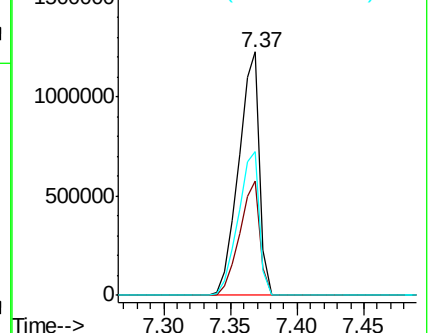
54 59.1 50.6 75.8



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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

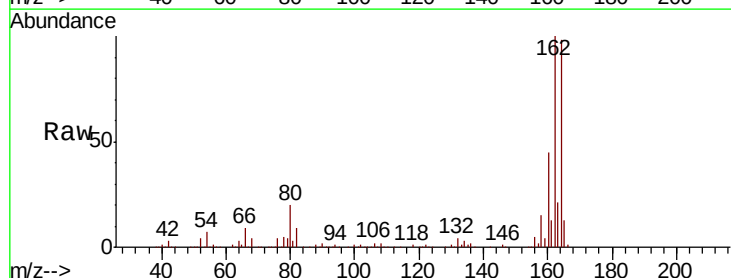
Tgt Ion:164 Resp: 400420

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

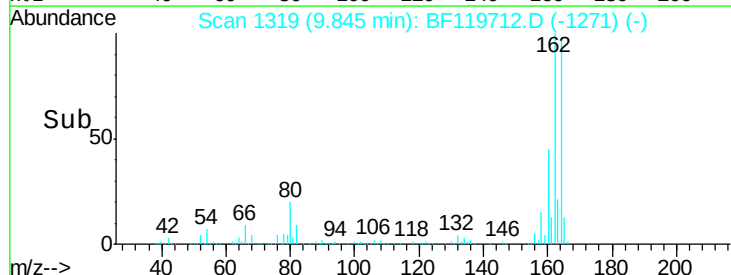
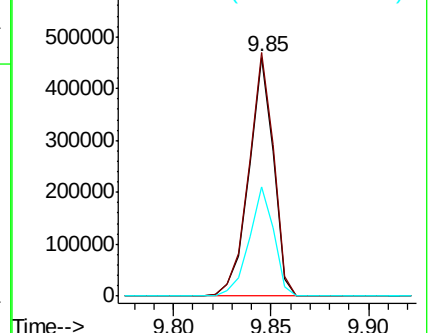
160 45.8 35.7 53.5

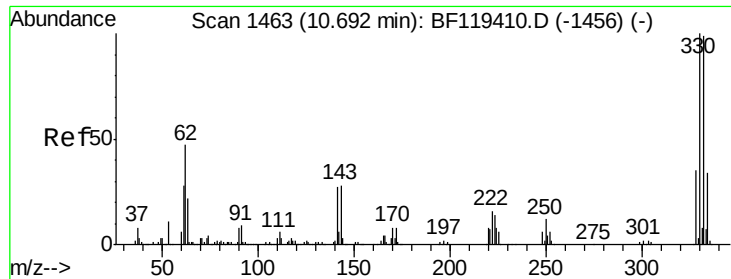


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

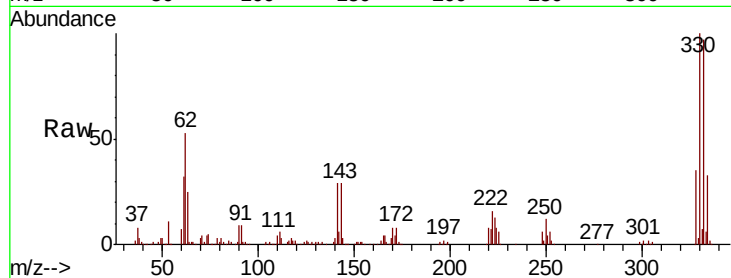




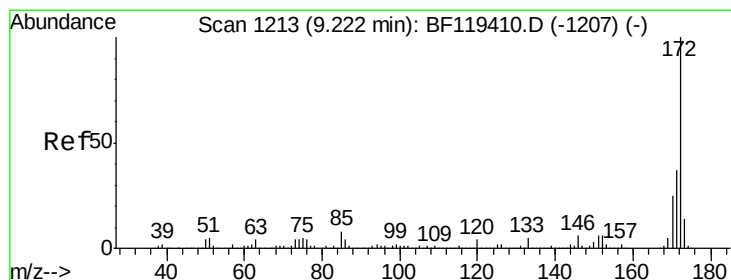
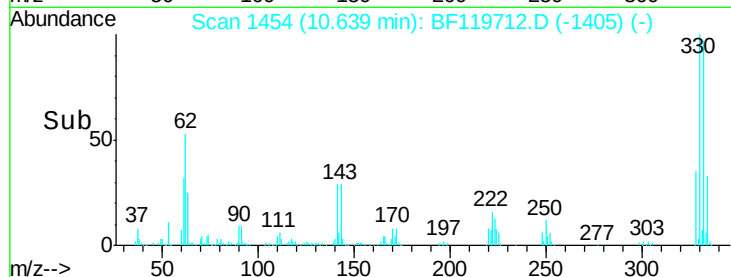
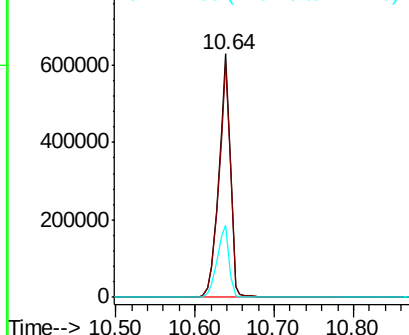
#42
 2,4,6-Tribromophenol
 Concen: 153.373 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	30.4	25.4	38.0

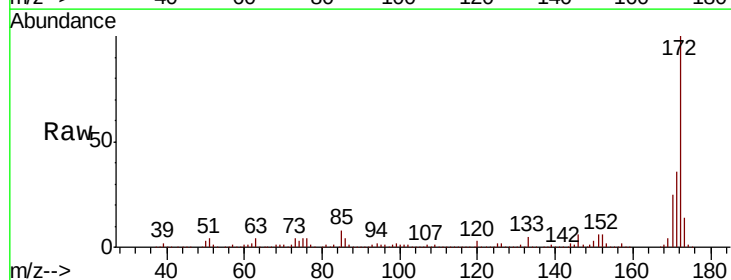


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

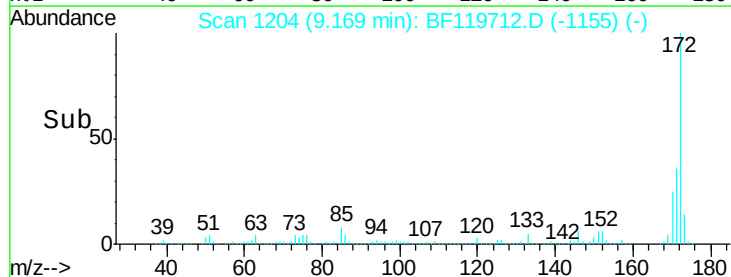
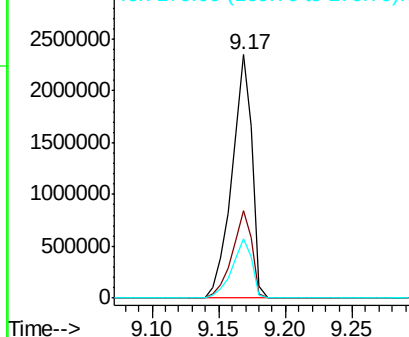


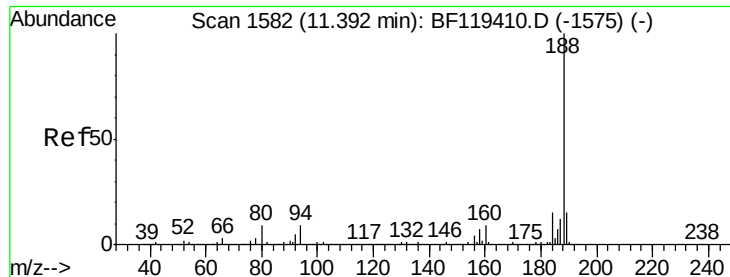
#45
 2-Fluorobiphenyl
 Concen: 91.930 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119712.D
 Acq: 3 Apr 2020 12:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.5	20.2	30.2



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

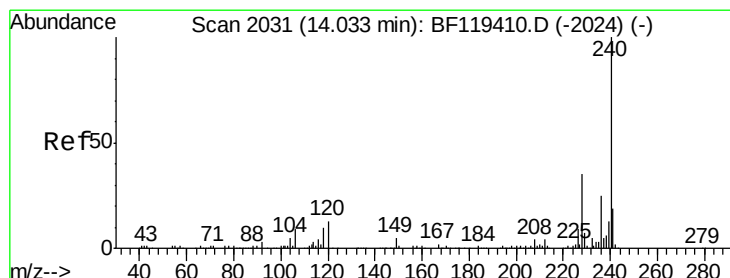
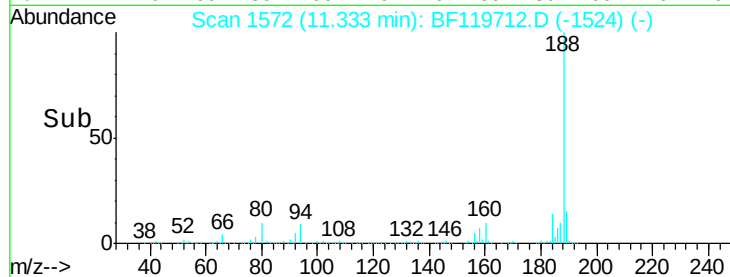
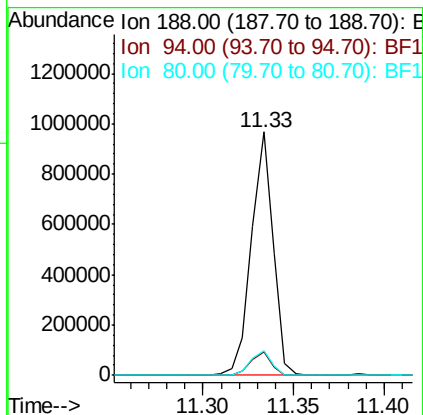
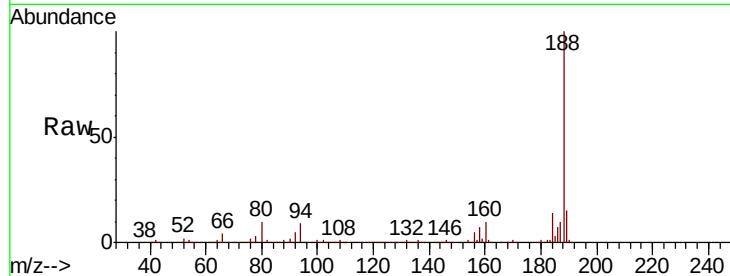




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF119712.D
Acq: 3 Apr 2020 12:04

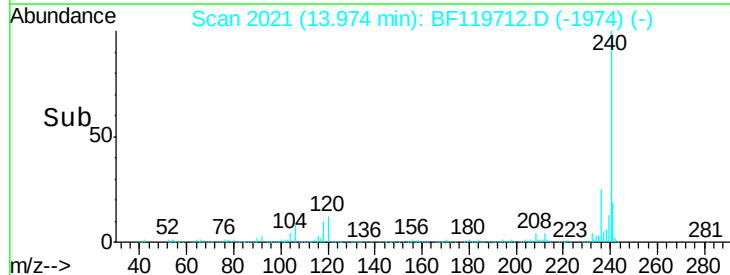
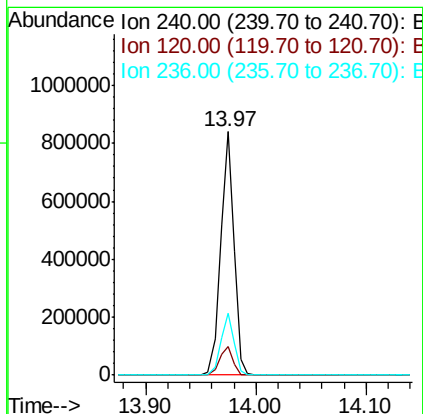
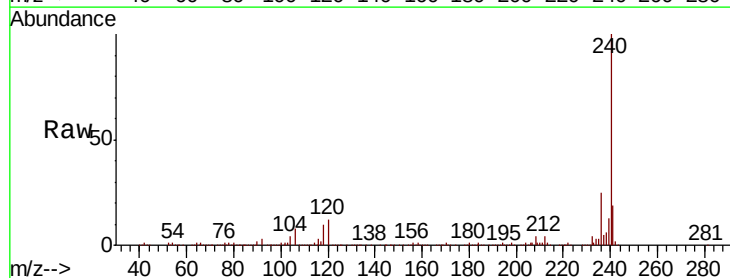
Instrument :
BNA_F
ClientSampleId :
PB127977BL

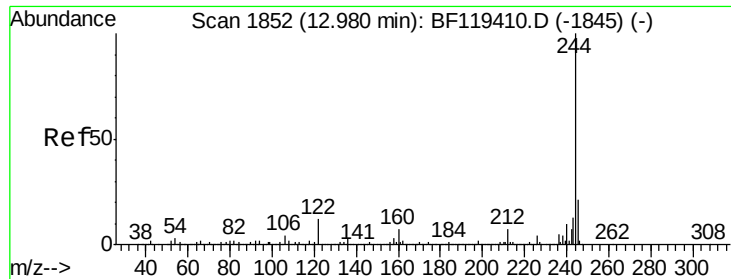
Tot Ion:188 Resp: 807255
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF119712.D
Acq: 3 Apr 2020 12:04

Tgt Ion:240 Resp: 704474
Ion Ratio Lower Upper
240 100
120 12.0 10.6 15.8
236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 83.545 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

Instrument :

BNA_F

ClientSampleId :

PB127977BL

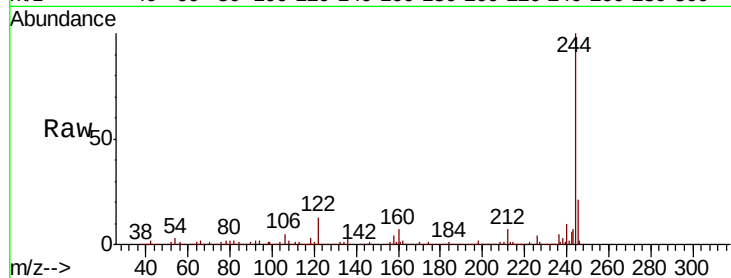
Tot Ion:244 Resp: 3004031

Ion Ratio Lower Upper

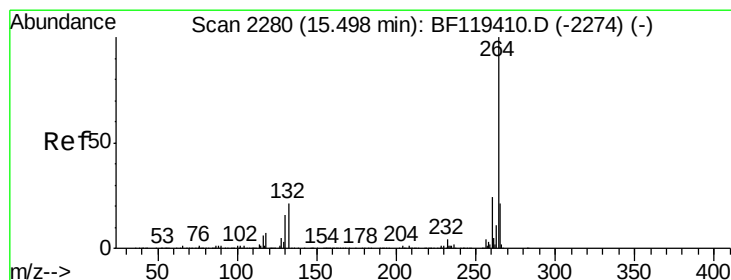
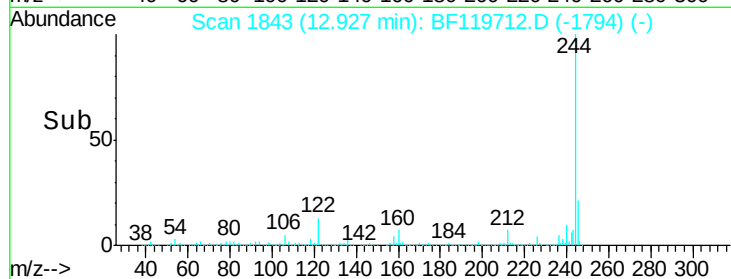
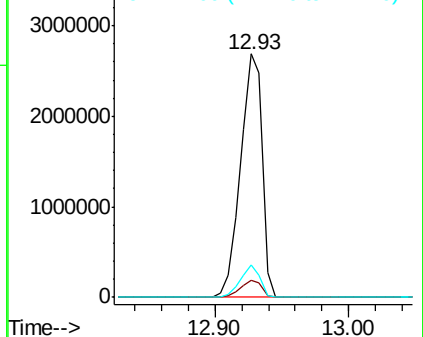
244 100

212 6.8 5.8 8.8

122 13.5 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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF119712.D

Acq: 3 Apr 2020 12:04

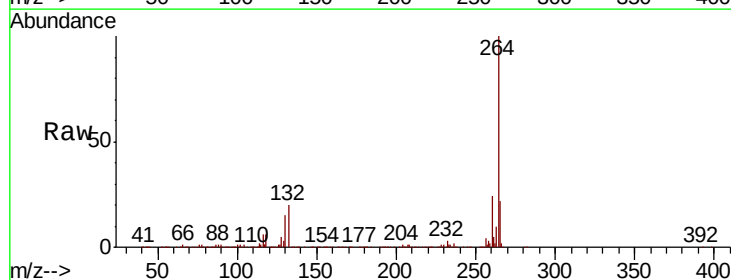
Tgt Ion:264 Resp: 747087

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.5 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

