

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119484.D
 Acq On : 24 Mar 2020 11:02
 Operator : CG/JU
 Sample : PB127730BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BL

Quant Time: Mar 24 11:54:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	306345	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1159480	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	621940	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1260847	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1116626	20.00	ng	-0.02
87) Perylene-d12	15.49	264	1173101	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2541591	132.07	ng	0.01
7) Phenol-d6	6.47	99	3230657	131.42	ng	0.00
23) Nitrobenzene-d5	7.40	82	2032160	95.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	992779	154.73	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3857853	91.89	ng	-0.01
79) Terphenyl-d14	12.97	244	4706646	82.58	ng	0.00

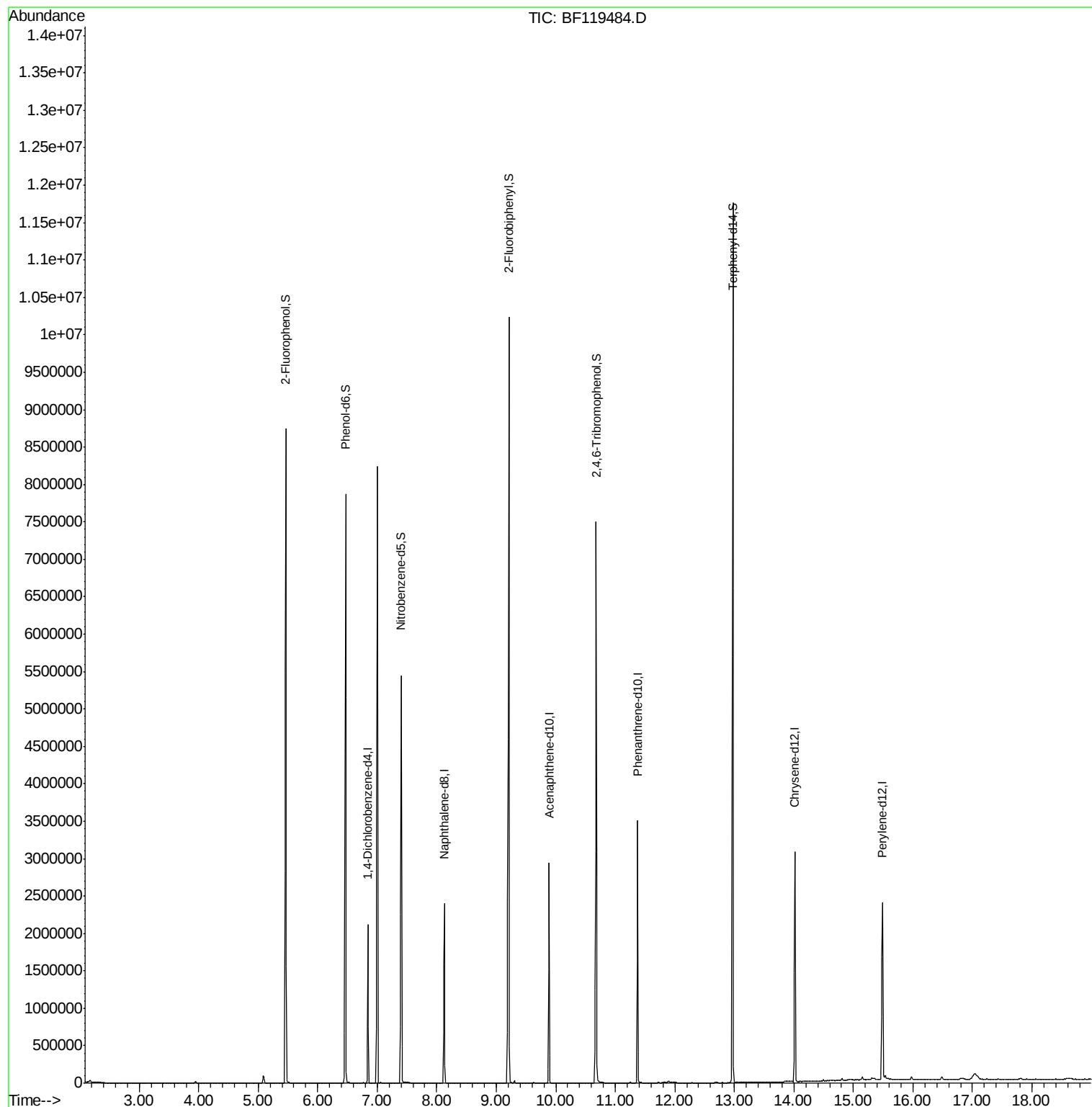
Target Compounds Qvalue

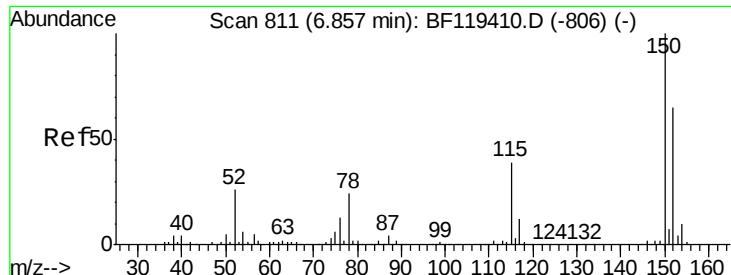
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 15:11:18 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

BNA_F

ClientSampleId :

PB127730BL

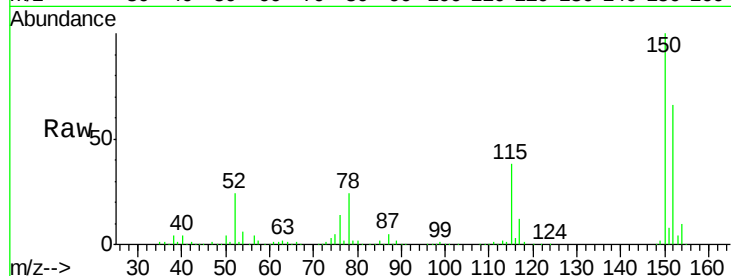
Tot Ion:152 Resp: 306345

Ion Ratio Lower Upper

152 100

150 151.6 123.9 185.9

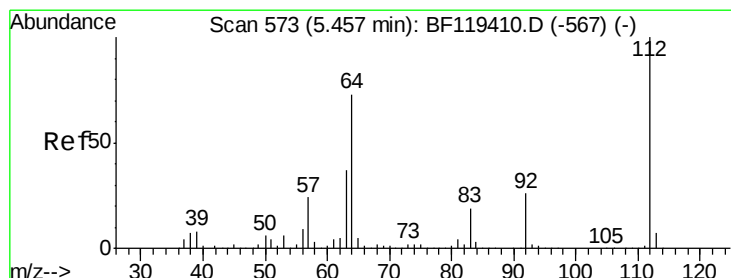
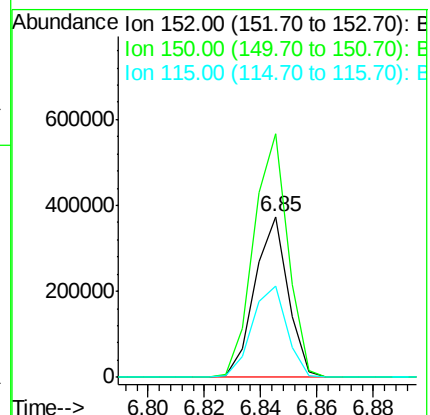
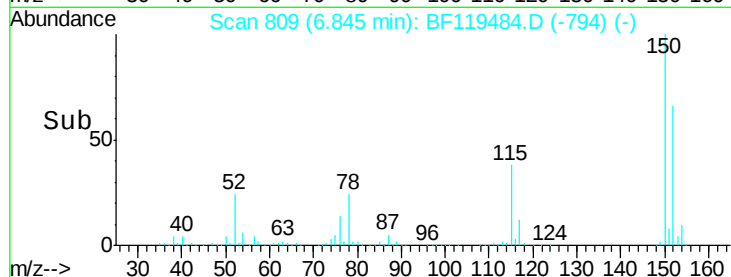
115 57.0 47.8 71.6



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: 132.072 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

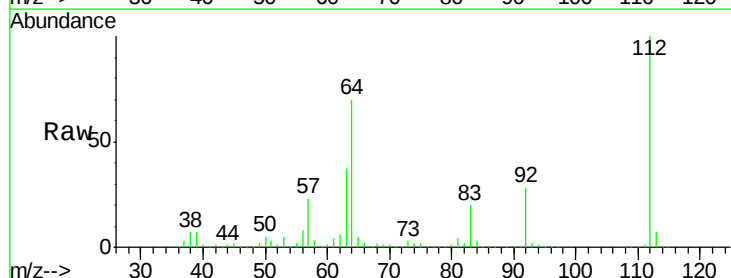
Tgt Ion:112 Resp: 2541591

Ion Ratio Lower Upper

112 100

64 69.8 58.1 87.1

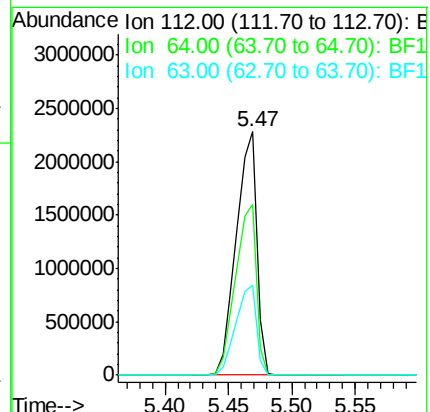
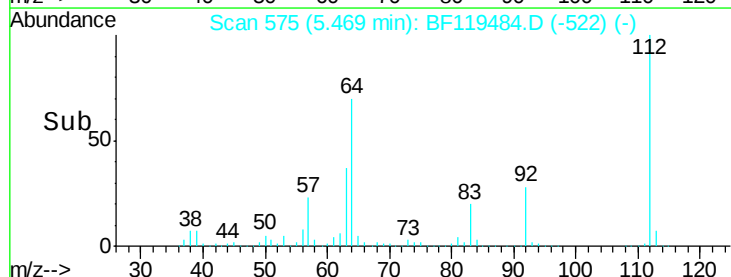
63 37.1 29.7 44.5

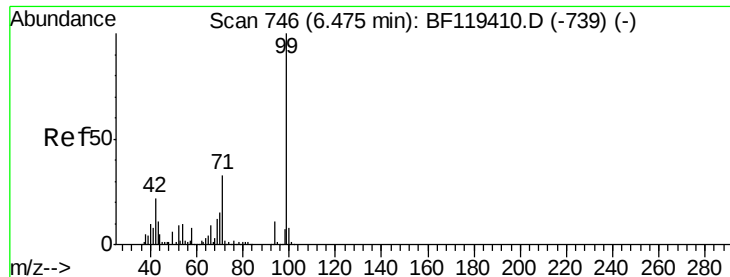


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 131.420 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

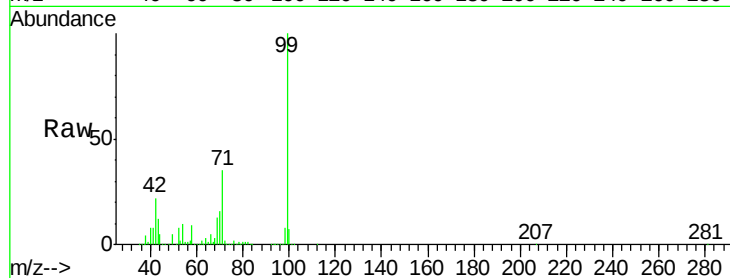
BNA_F

ClientSampleId :

PB127730BL

Tot Ion: 99 Resp: 3230657

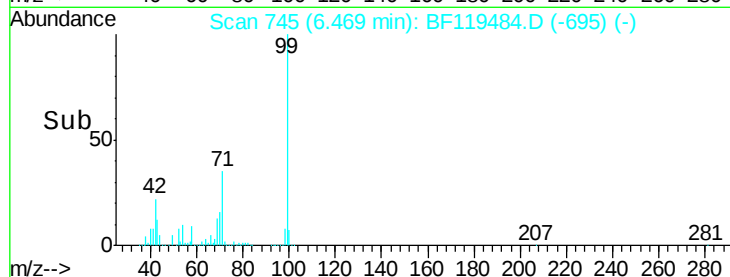
Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.8	26.6
71	34.7	26.0	39.0



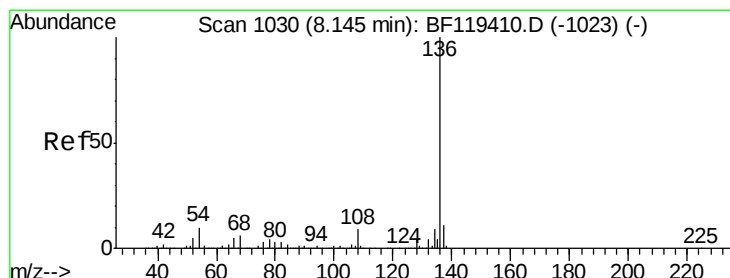
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



6.47



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

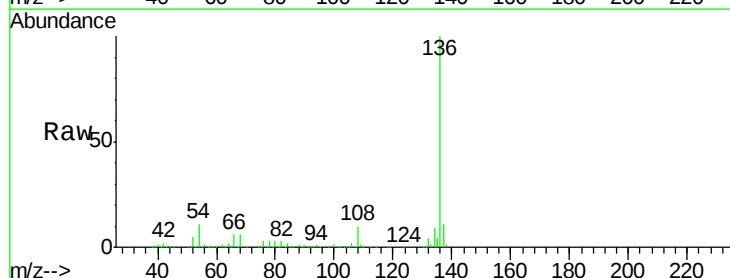
Delta R.T. -0.02 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Tgt Ion: 136 Resp: 1159480

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	11.2	8.3	12.5
68	6.1	4.9	7.3

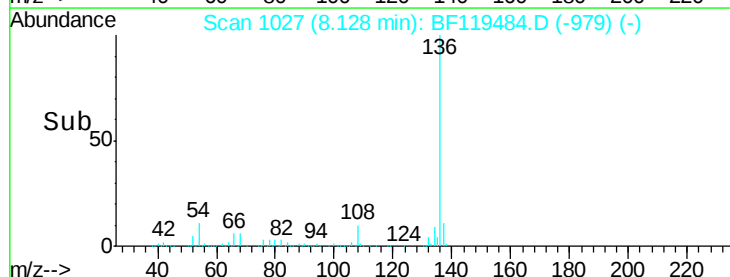


Abundance Ion 136.00 (135.70 to 136.70): E

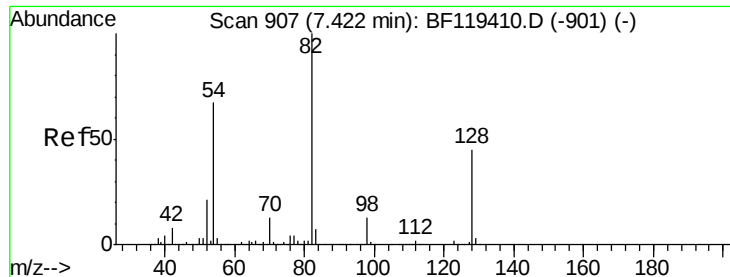
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



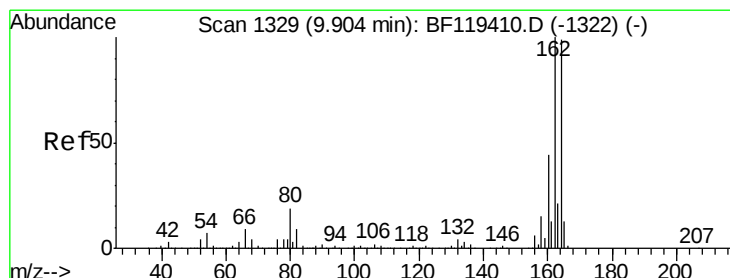
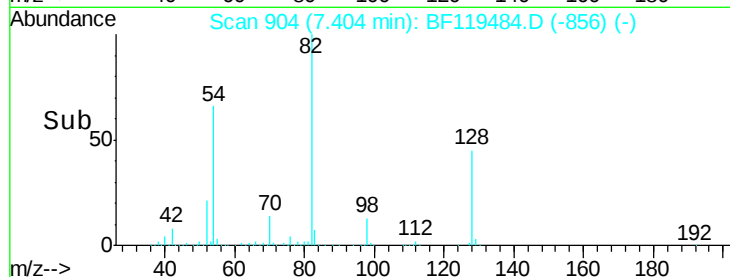
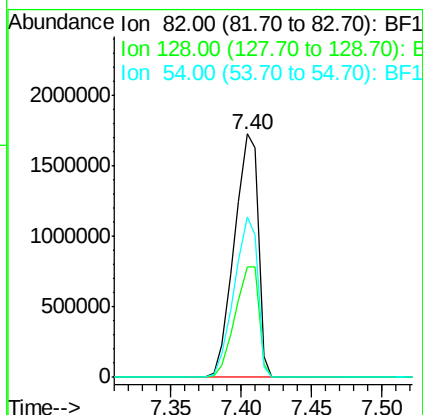
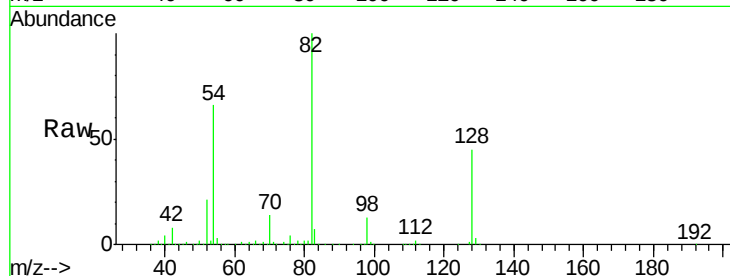
8.13



#23
Nitrobenzene-d5
Concen: 95.253 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119484.D
Acq: 24 Mar 2020 11:02

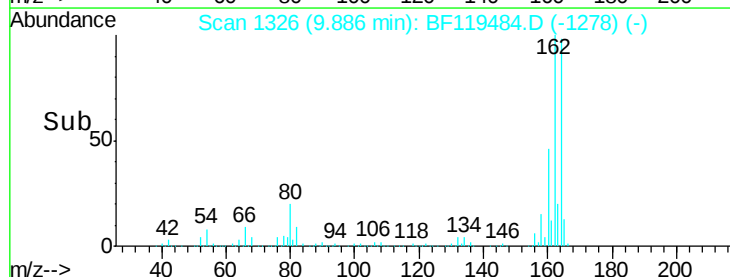
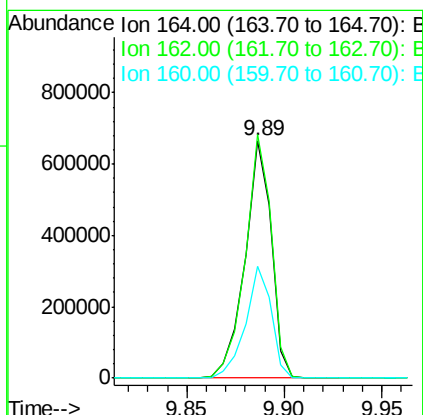
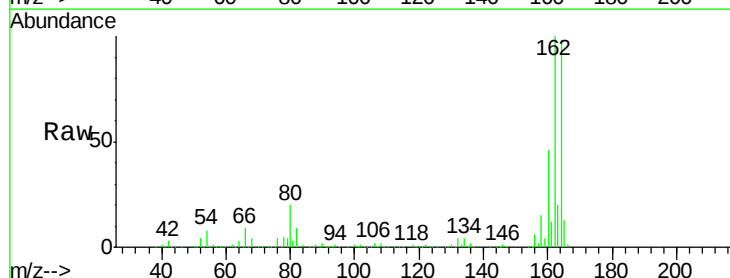
Instrument :
BNA_F
ClientSampleId :
PB127730BL

Tot Ion: 82 Resp: 2032160
Ion Ratio Lower Upper
82 100
128 45.2 35.8 53.8
54 65.8 53.4 80.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119484.D
Acq: 24 Mar 2020 11:02

Tgt Ion: 164 Resp: 621940
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 47.0 35.5 53.3

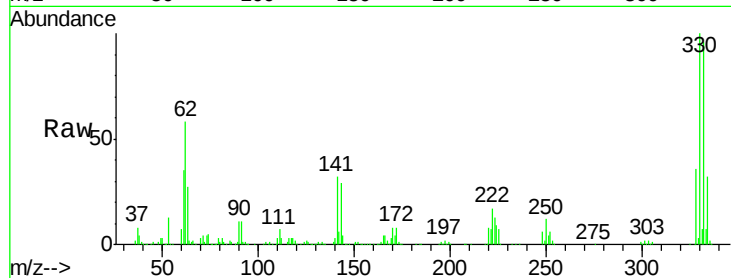




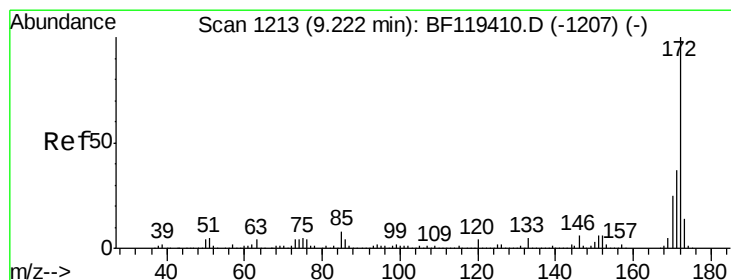
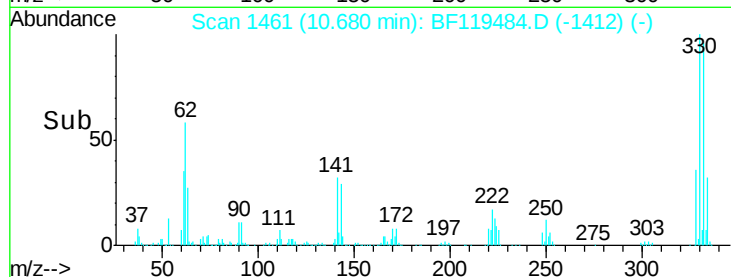
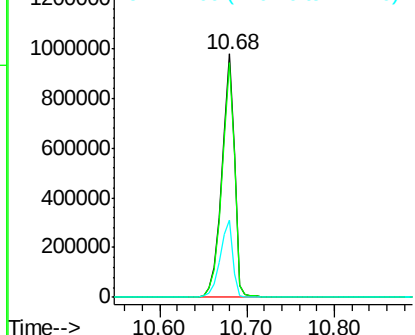
#42
 2,4,6-Tribromophenol
 Concen: 154.727 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF119484.D
 Acq: 24 Mar 2020 11:02

Instrument :
 BNA_F
 ClientSampleId :
 PB127730BL

Tot Ion:330 Resp: 992779
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.6 116.4
 141 31.6 26.6 40.0

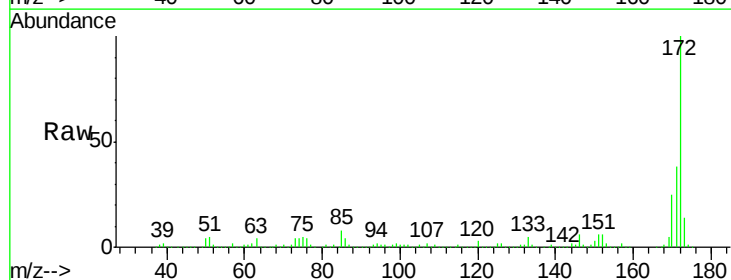


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

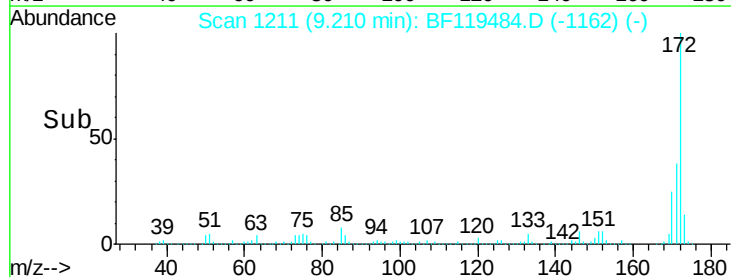
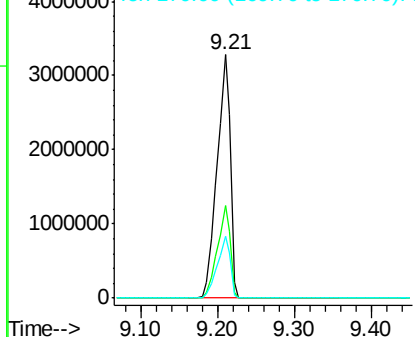


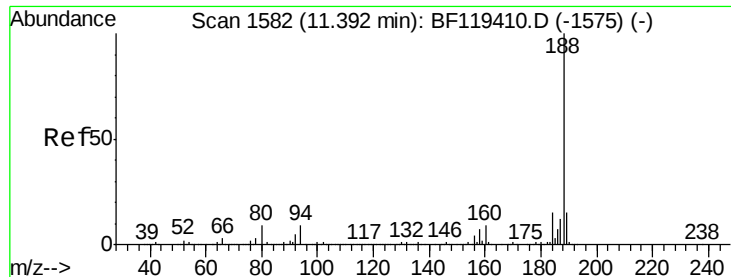
#45
 2-Fluorobiphenyl
 Concen: 91.895 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119484.D
 Acq: 24 Mar 2020 11:02

Tgt Ion:172 Resp: 3857853
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.9 44.9
 170 25.4 20.1 30.1



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

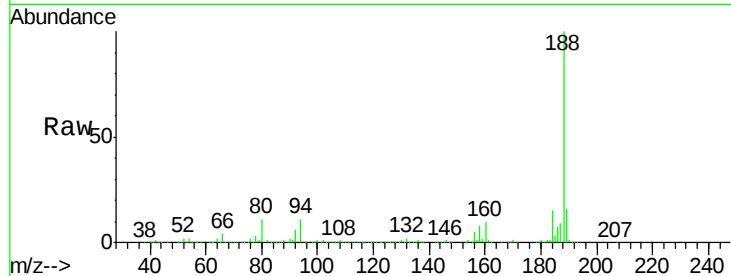




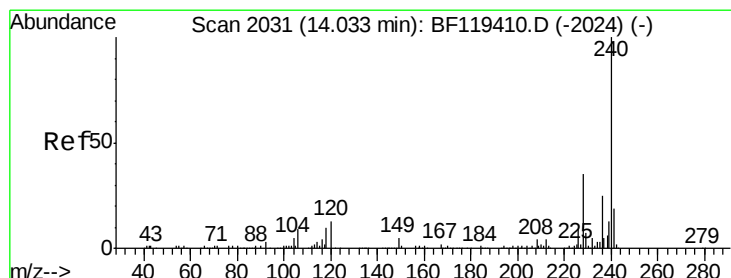
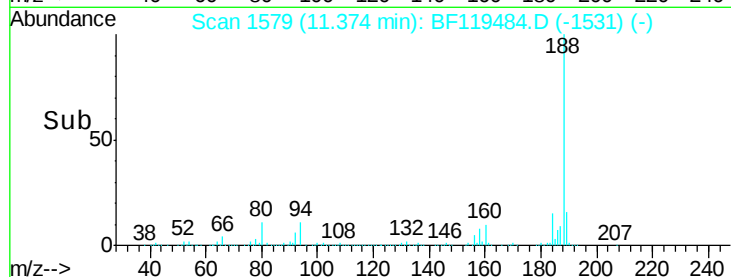
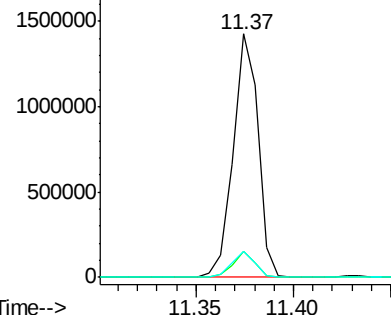
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119484.D
Acq: 24 Mar 2020 11:02

Instrument :
BNA_F
ClientSampleId :
PB127730BL

Tot Ion:188 Resp: 1260847
Ion Ratio Lower Upper
188 100
94 10.5 7.1 10.7
80 10.8 7.5 11.3

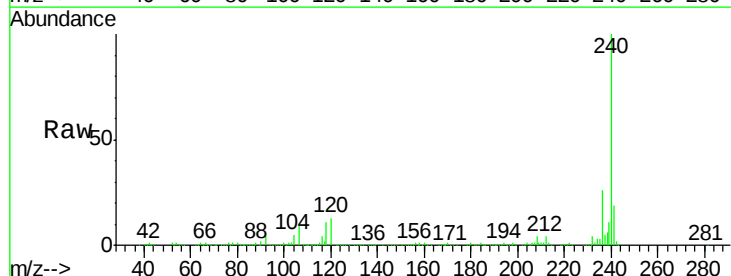


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

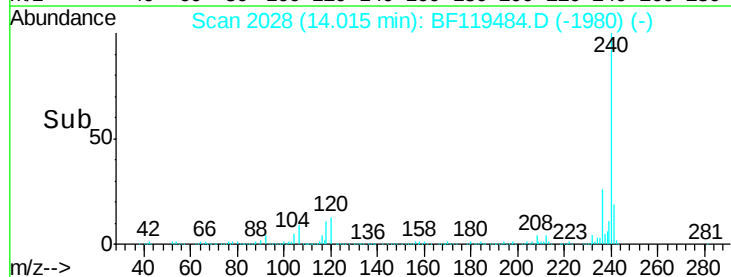
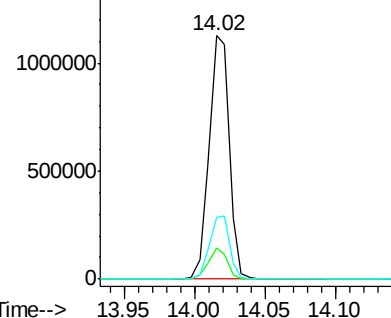


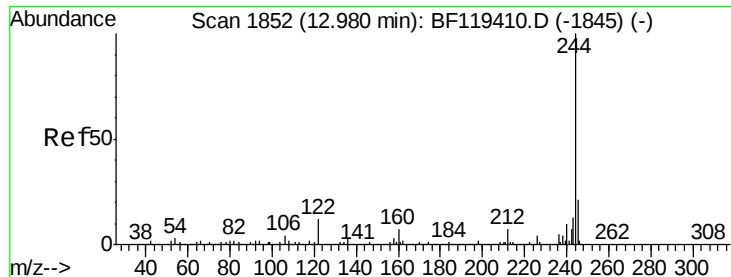
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119484.D
Acq: 24 Mar 2020 11:02

Tgt Ion:240 Resp: 1116626
Ion Ratio Lower Upper
240 100
120 12.9 10.2 15.4
236 25.6 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.582 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

Instrument :

BNA_F

ClientSampleID :

PB127730BL

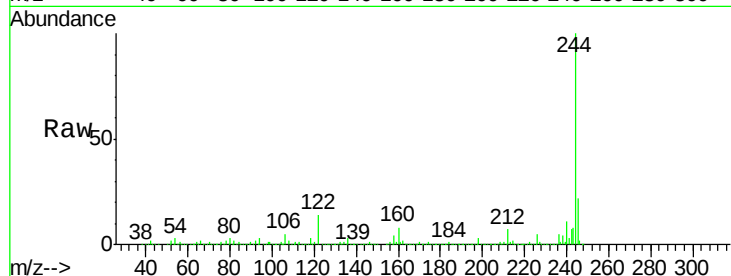
Tot Ion:244 Resp: 4706646

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

122 13.7 9.8 14.8

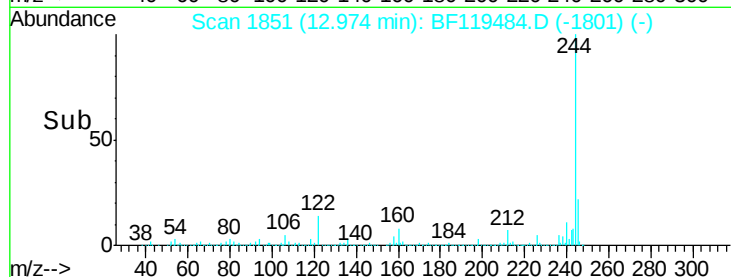


Abundance Ion 244.00 (243.70 to 244.70): E

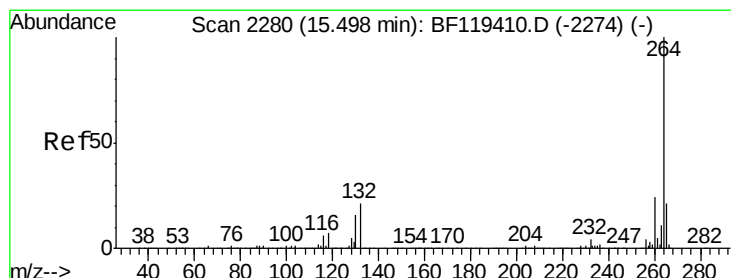
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF119484.D

Acq: 24 Mar 2020 11:02

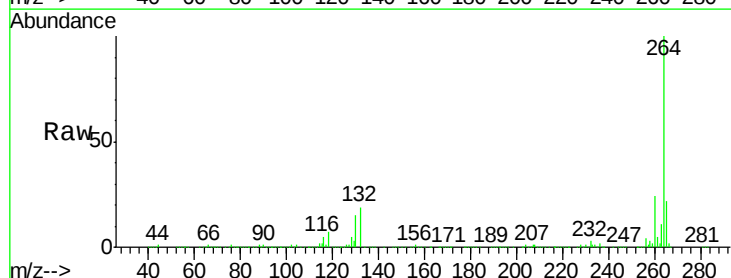
Tgt Ion:264 Resp: 1173101

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.5 16.9 25.3

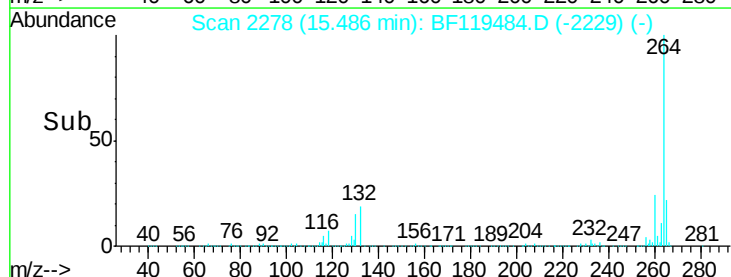


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->