

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140919.D
 Acq On : 19 Dec 2024 12:04
 Operator : RC/JU
 Sample : PB165719BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165719BL

Quant Time: Dec 19 12:32:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	69607	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	253415	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	149553	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	307565	20.000	ng	0.00
76) Chrysene-d12	14.027	240	207734	20.000	ng	0.00
86) Perylene-d12	15.527	264	165067	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	664265	157.097	ng	0.01
7) Phenol-d6	6.498	99	857119	153.042	ng	0.00
23) Nitrobenzene-d5	7.416	82	541024	106.813	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	260675	147.375	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1091858	100.375	ng	0.00
79) Terphenyl-d14	12.963	244	1352323	102.652	ng	0.00

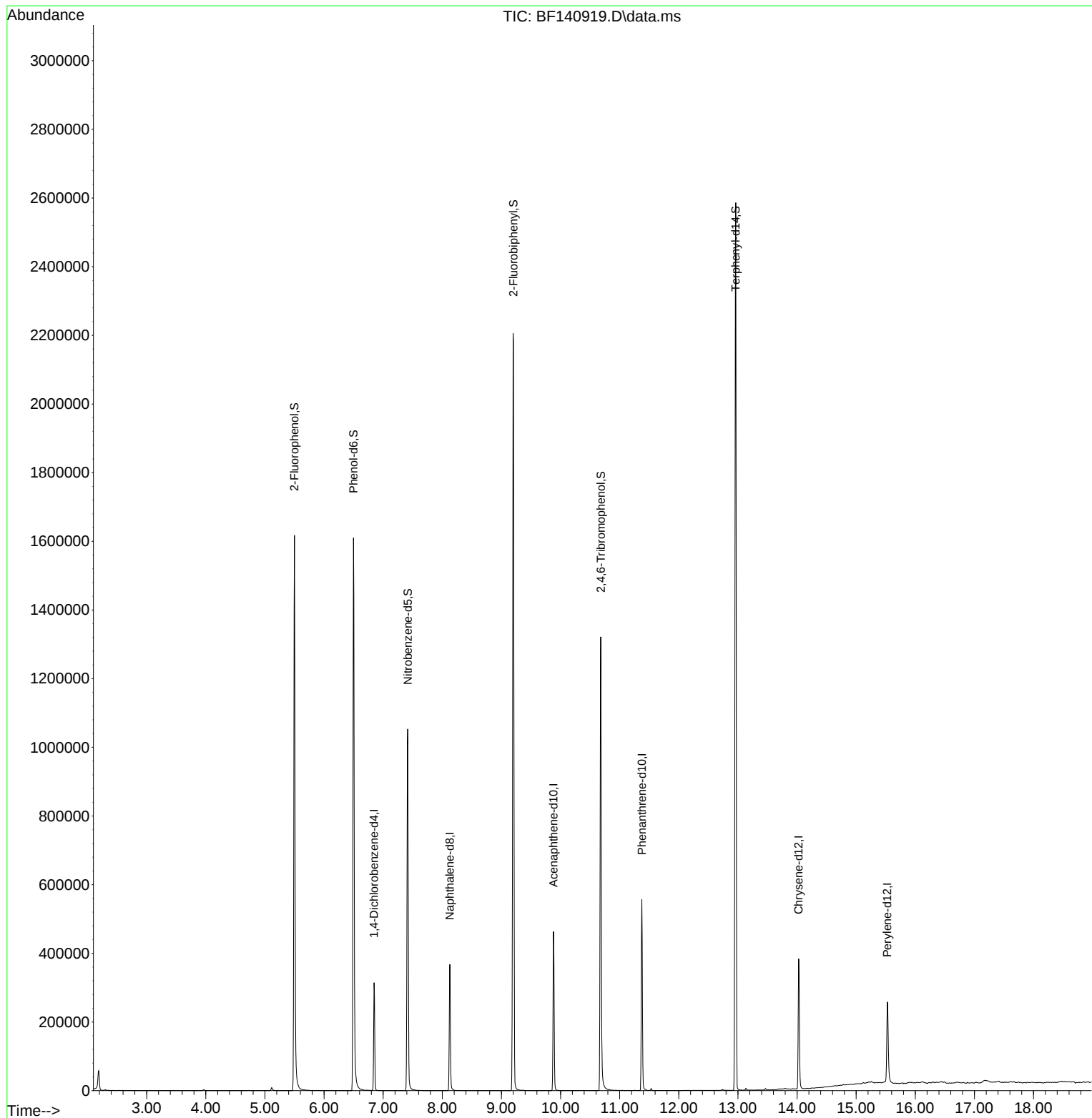
Target Compounds	Qvalue

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

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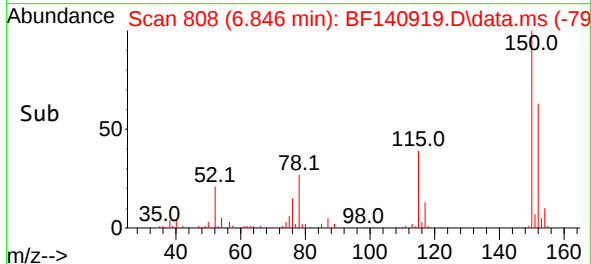
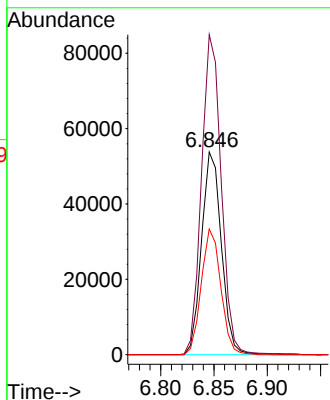
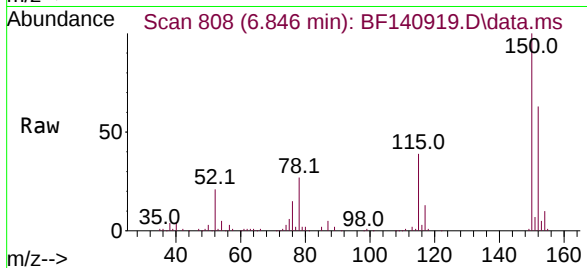




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

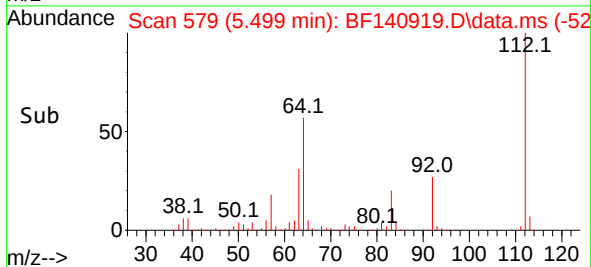
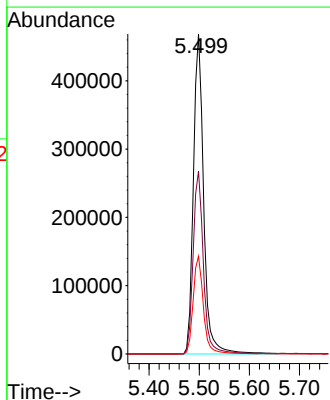
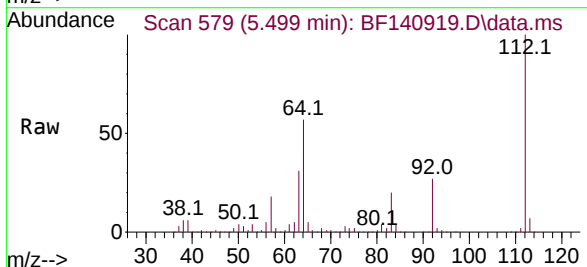
Instrument :
BNA_F
ClientSampleId :
PB165719BL

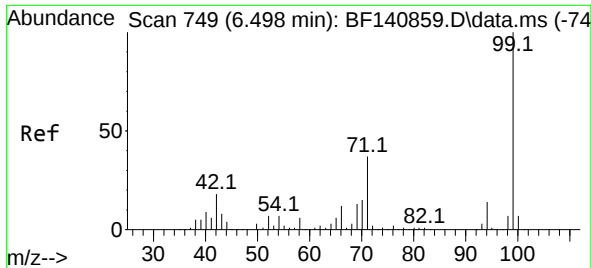
Tgt Ion:152 Resp: 69607
Ion Ratio Lower Upper
152 100
150 157.8 127.9 191.9
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 157.097 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion:112 Resp: 664265
Ion Ratio Lower Upper
112 100
64 57.1 46.1 69.1
63 30.6 24.9 37.3

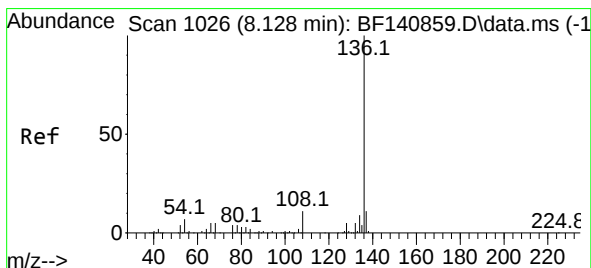
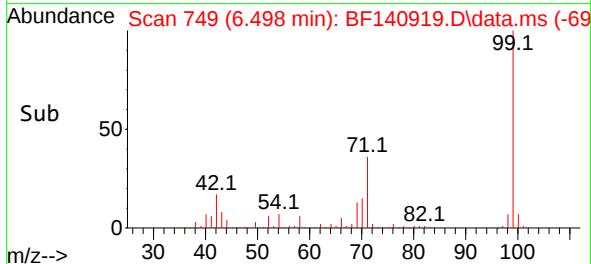
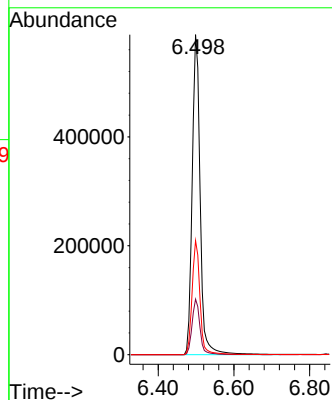
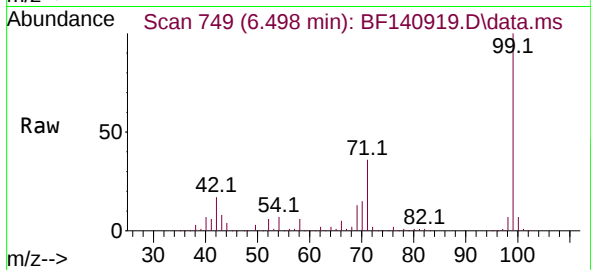




#7
Phenol-d6
Concen: 153.042 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

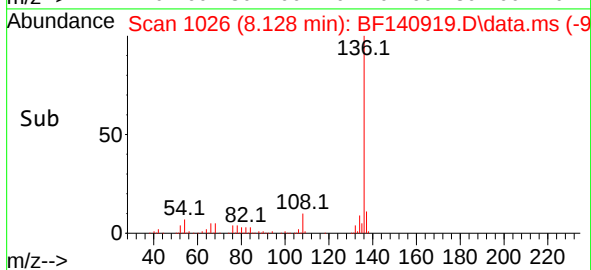
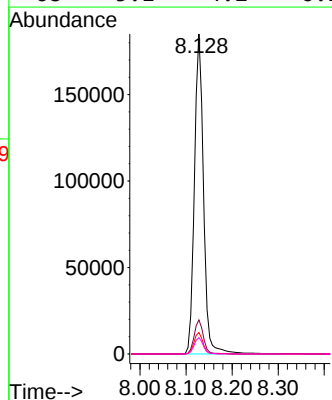
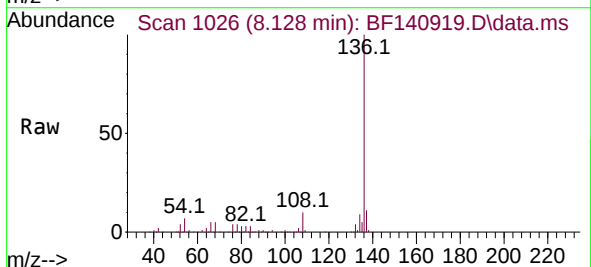
Instrument :
BNA_F
ClientSampleId :
PB165719BL

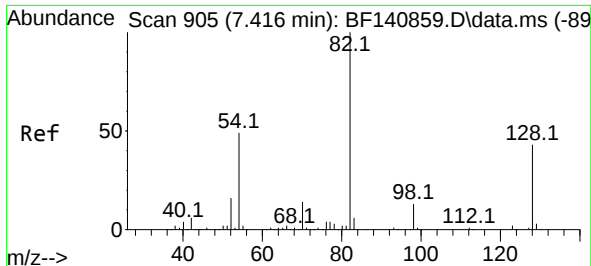
Tgt Ion: 99 Resp: 857119
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 35.6 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion: 136 Resp: 253415
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.7 5.6 8.4
68 5.1 4.2 6.2

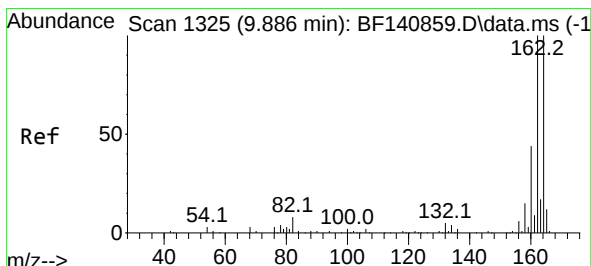
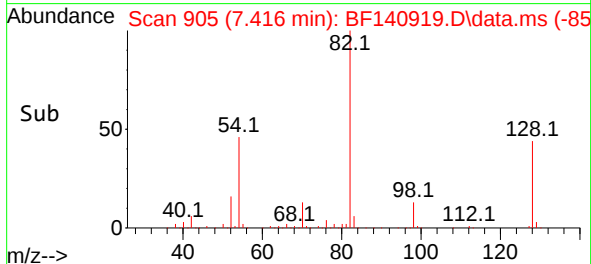
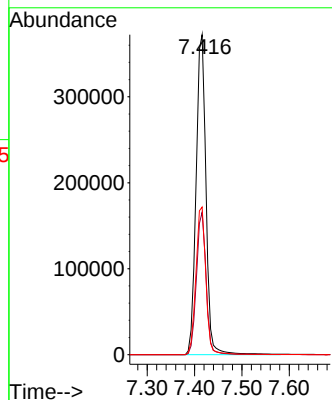
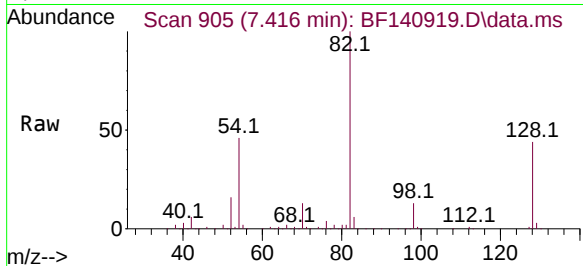




#23
Nitrobenzene-d5
Concen: 106.813 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

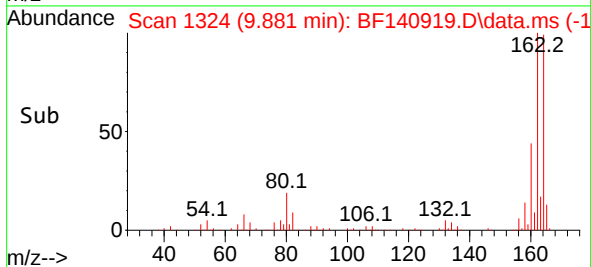
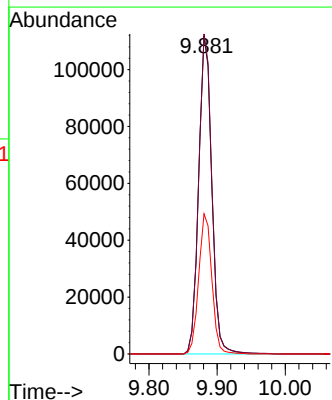
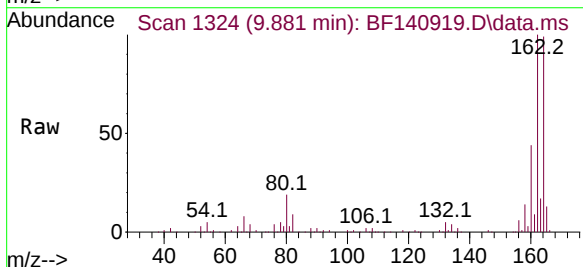
Instrument :
BNA_F
ClientSampleId :
PB165719BL

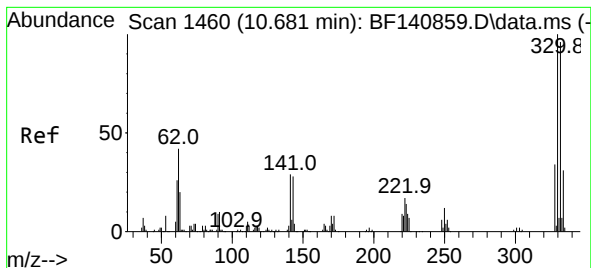
Tgt Ion: 82 Resp: 541024
Ion Ratio Lower Upper
82 100
128 44.5 34.4 51.6
54 46.2 38.8 58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140919.D
Acq: 19 Dec 2024 12:04

Tgt Ion:164 Resp: 149553
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 44.0 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 147.375 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165719BL

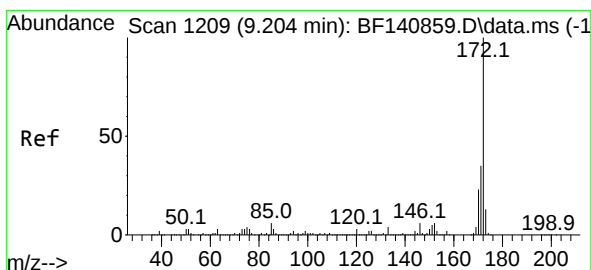
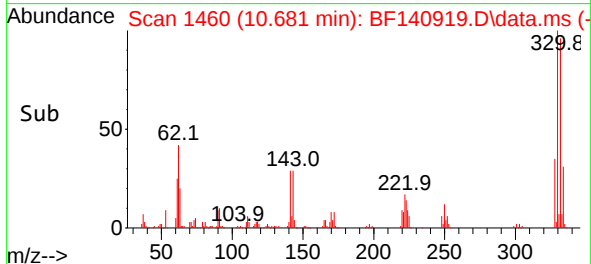
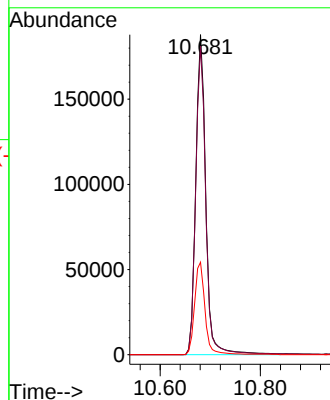
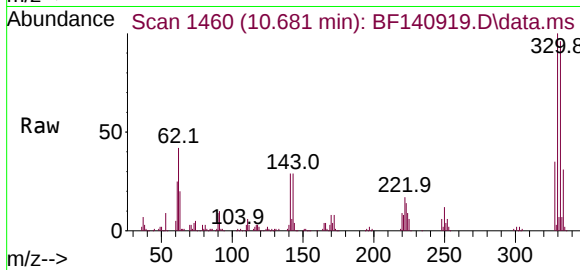
Tgt Ion:330 Resp: 260675

Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 30.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 100.375 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

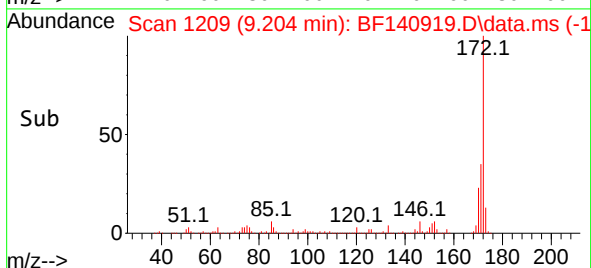
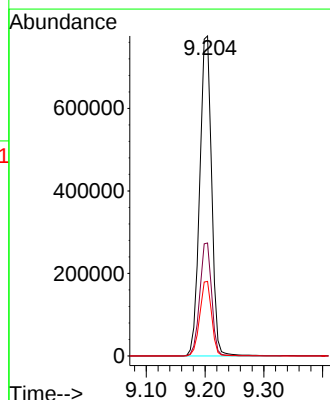
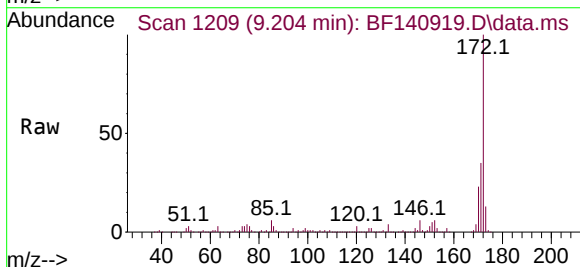
Tgt Ion:172 Resp: 1091858

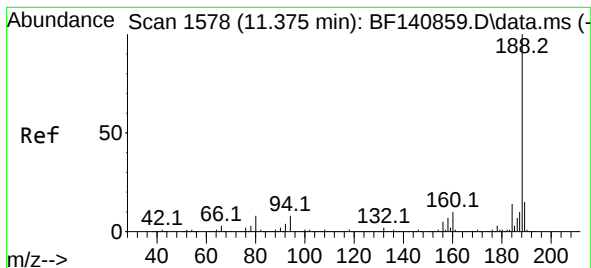
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165719BL

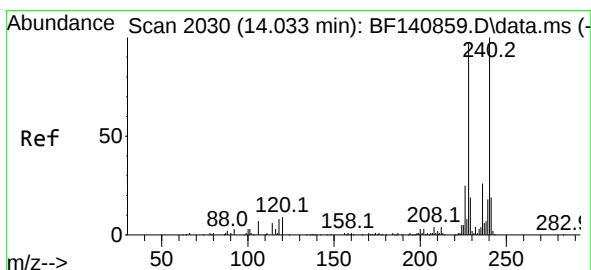
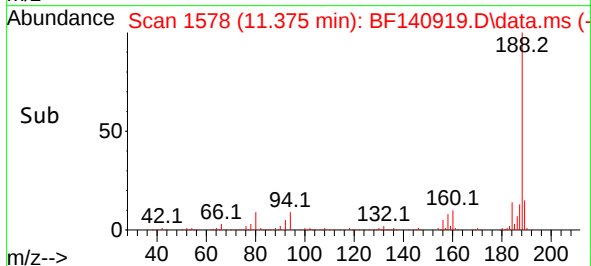
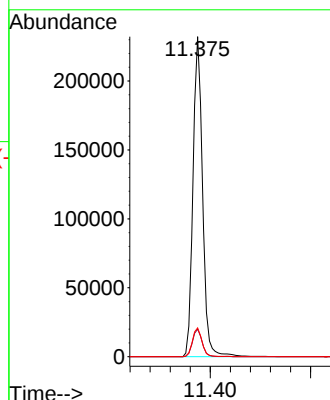
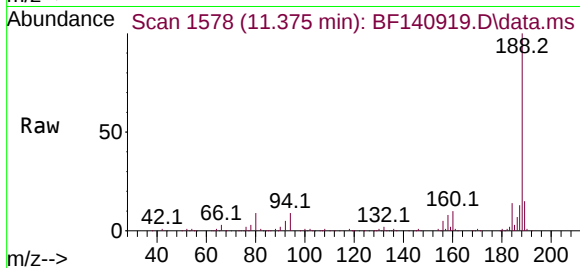
Tgt Ion:188 Resp: 307565

Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.0 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140919.D

Acq: 19 Dec 2024 12:04

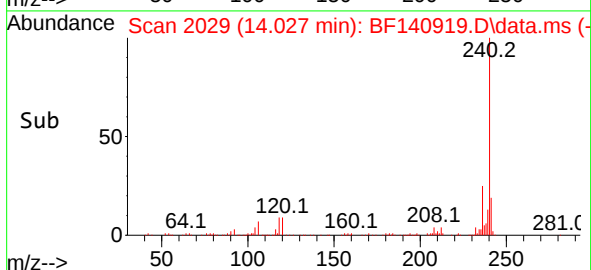
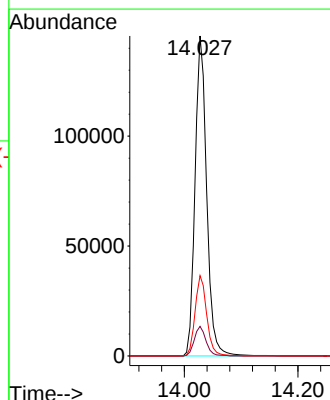
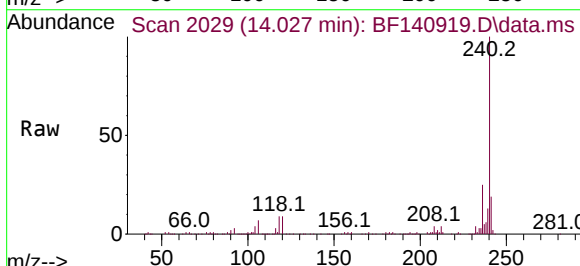
Tgt Ion:240 Resp: 207734

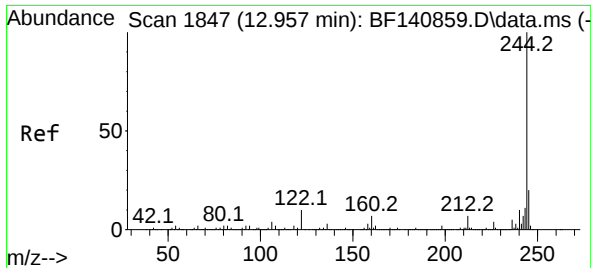
Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

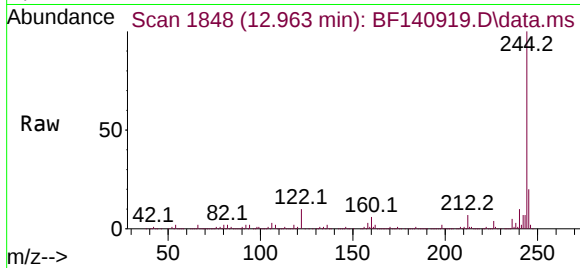
236 25.1 20.5 30.7





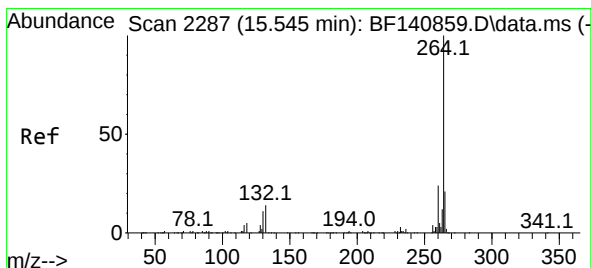
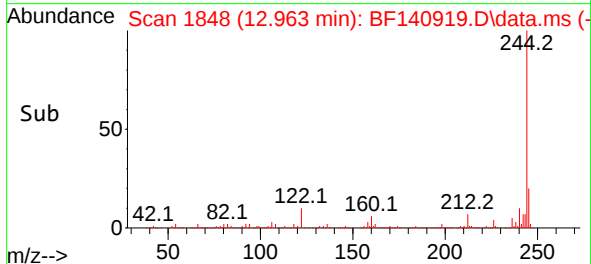
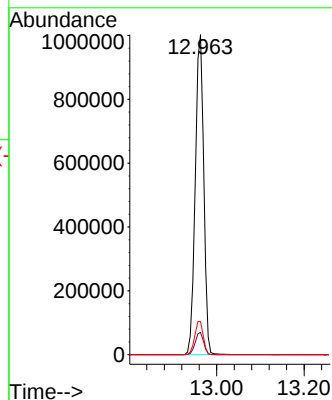
#79
 Terphenyl-d14
 Concen: 102.652 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140919.D
 Acq: 19 Dec 2024 12:04

Instrument :
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 ClientSampleId :
 PB165719BL



Tgt Ion:244 Resp: 1352323

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.3	8.2	12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.018 min
 Lab File: BF140919.D
 Acq: 19 Dec 2024 12:04

Tgt Ion:264 Resp: 165067

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	20.8	17.0	25.4

