

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140494.D
 Acq On : 20 Nov 2024 12:15
 Operator : RC/JU
 Sample : P4868-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW5-SP303-20241114

Quant Time: Nov 20 12:41:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	111180	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	421980	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	217249	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	429469	20.000	ng	0.00
76) Chrysene-d12	14.051	240	252845	20.000	ng	0.00
86) Perylene-d12	15.563	264	112601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	428854	65.859	ng	0.01
7) Phenol-d6	6.510	99	339169	38.444	ng	0.00
23) Nitrobenzene-d5	7.434	82	841107	103.853	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	360683	166.954	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1487661	110.080	ng	0.00
79) Terphenyl-d14	12.986	244	1579140	108.409	ng	0.00

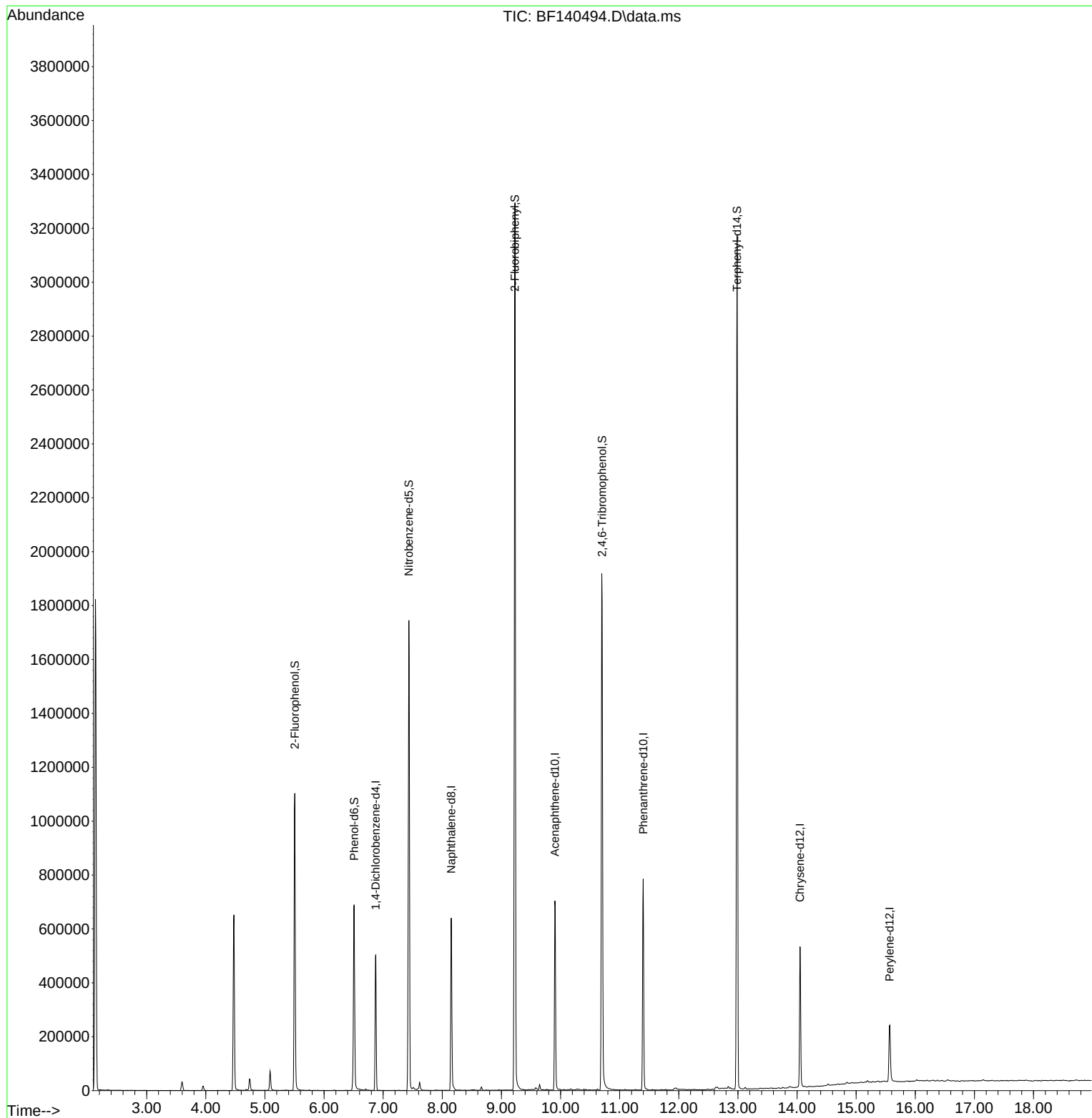
Target Compounds	Qvalue

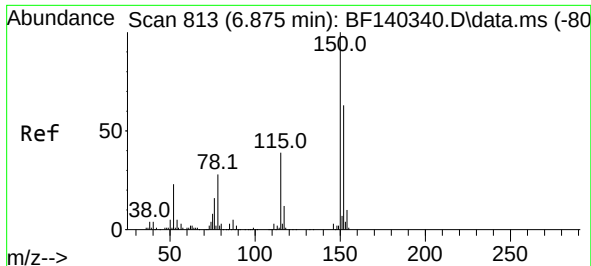
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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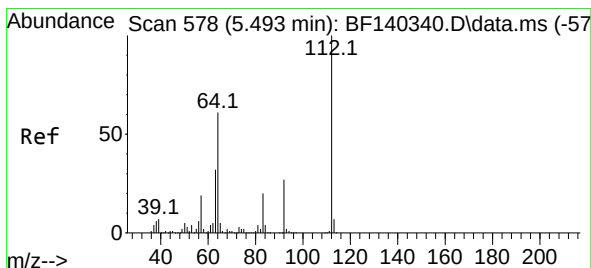
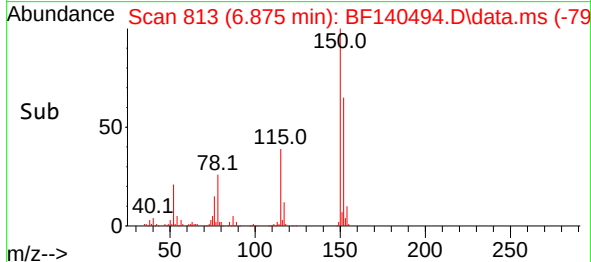
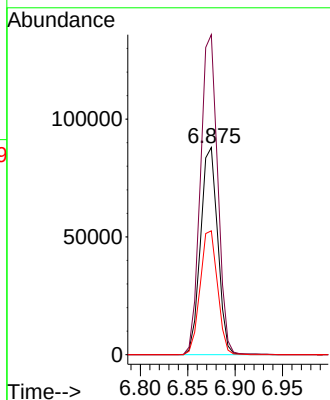
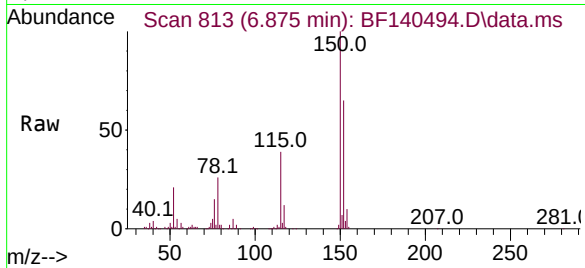




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

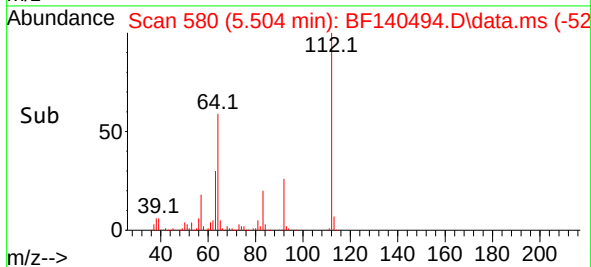
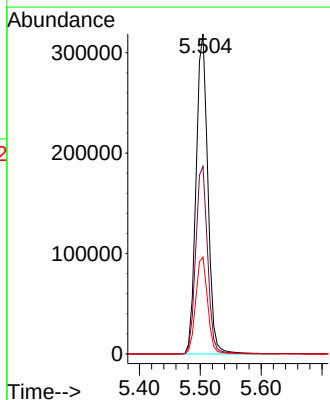
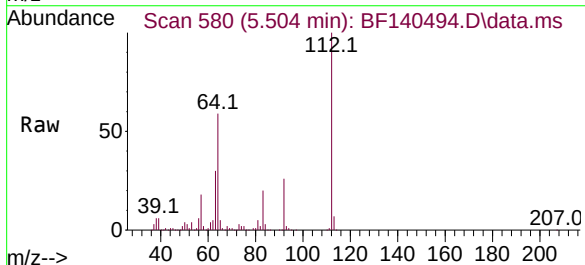
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

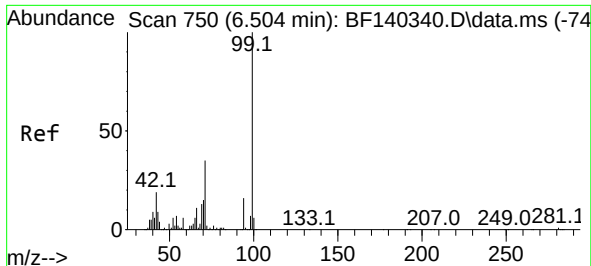
Tgt Ion:152 Resp: 111180
Ion Ratio Lower Upper
152 100
150 154.4 127.4 191.0
115 59.7 47.4 71.2



#5
2-Fluorophenol
Concen: 65.859 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:112 Resp: 428854
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 30.3 25.6 38.4





#7

Phenol-d6

Concen: 38.444 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114

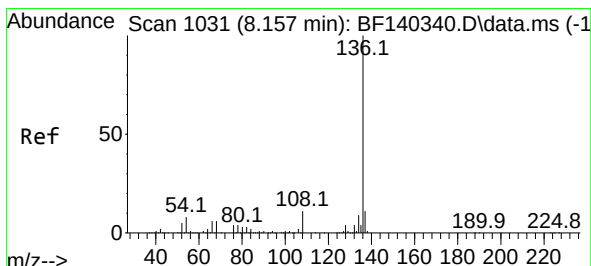
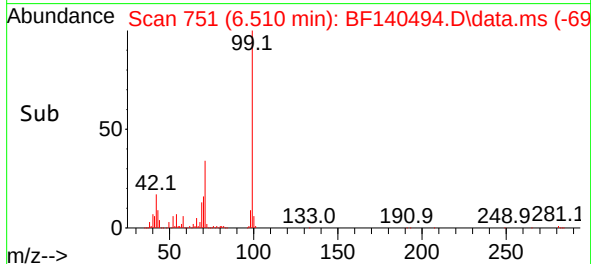
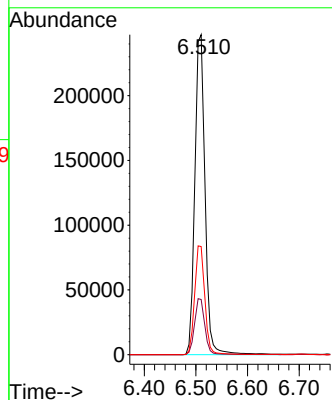
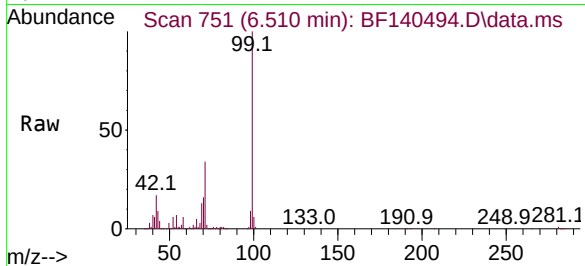
Tgt Ion: 99 Resp: 339169

Ion Ratio Lower Upper

99 100

42 17.2 15.1 22.7

71 33.8 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

Tgt Ion: 136 Resp: 421980

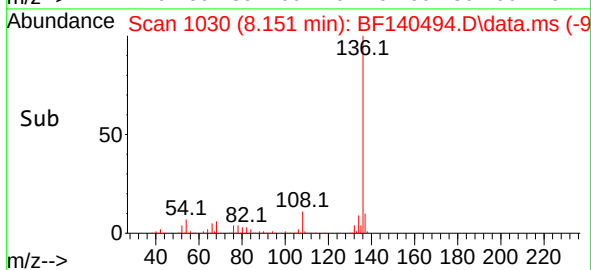
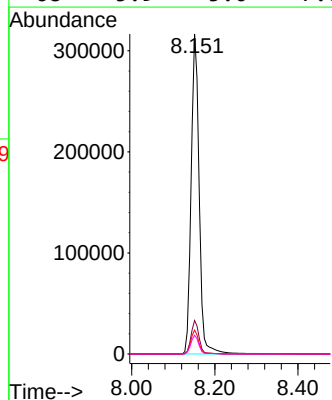
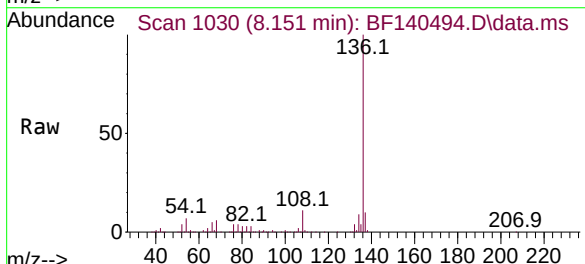
Ion Ratio Lower Upper

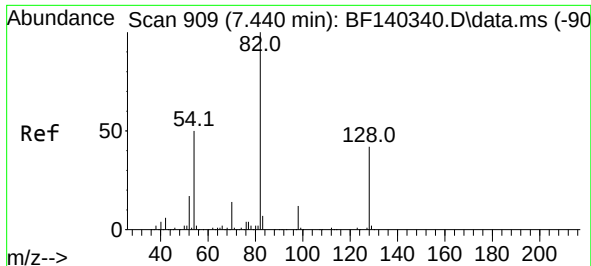
136 100

137 10.4 8.7 13.1

54 7.5 6.5 9.7

68 5.9 5.0 7.6

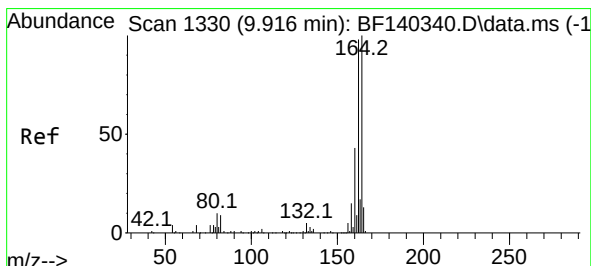
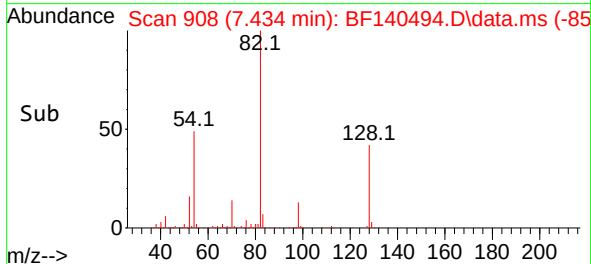
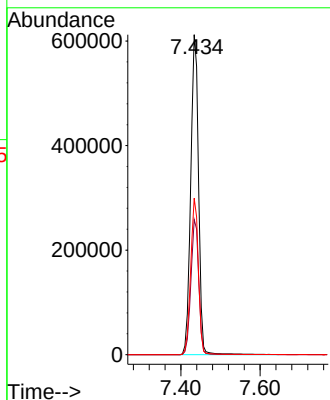
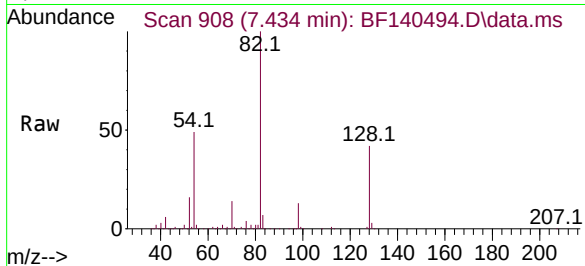




#23
Nitrobenzene-d5
Concen: 103.853 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

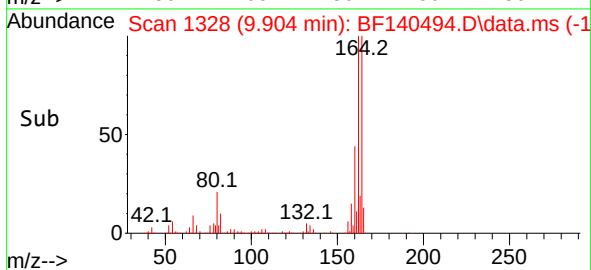
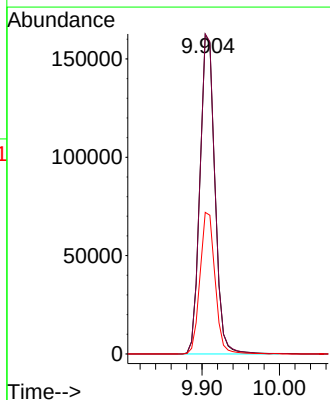
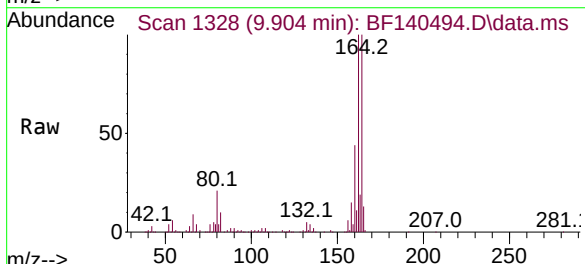
Instrument :
BNA_F
ClientSampleId :
RW5-SP303-20241114

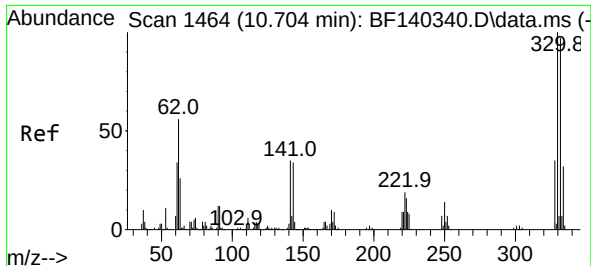
Tgt Ion: 82 Resp: 841107
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 48.9 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion: 164 Resp: 217249
Ion Ratio Lower Upper
164 100
162 100.1 79.8 119.8
160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 166.954 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140494.D

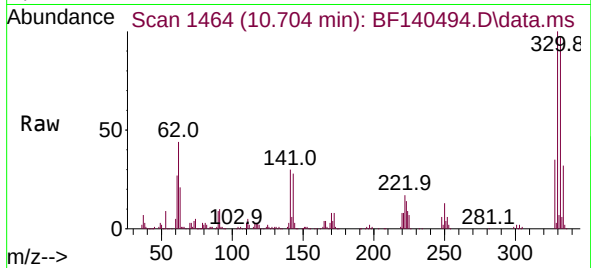
Acq: 20 Nov 2024 12:15

Instrument :

BNA_F

ClientSampleId :

RW5-SP303-20241114



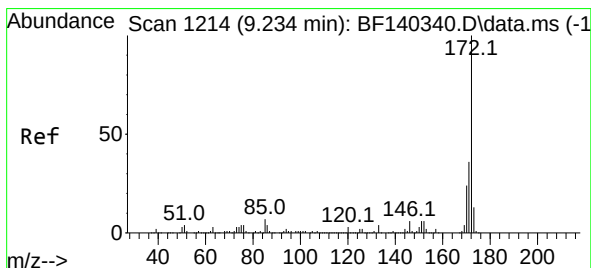
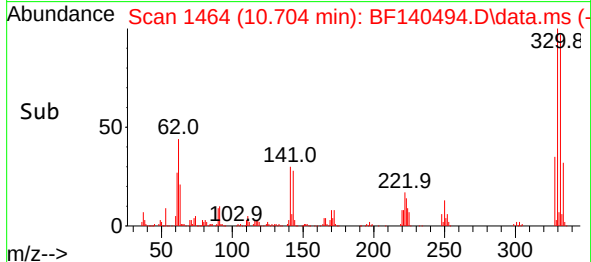
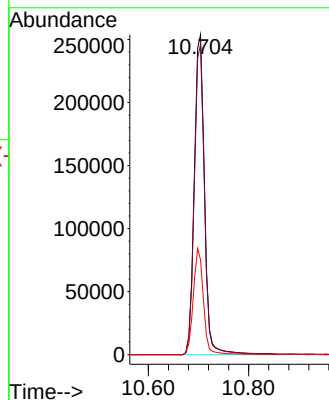
Tgt Ion:330 Resp: 360683

Ion Ratio Lower Upper

330 100

332 96.4 75.9 113.9

141 33.0 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 110.080 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140494.D

Acq: 20 Nov 2024 12:15

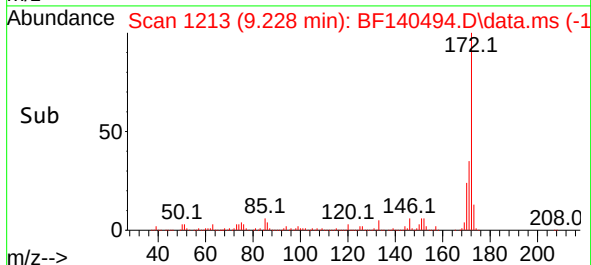
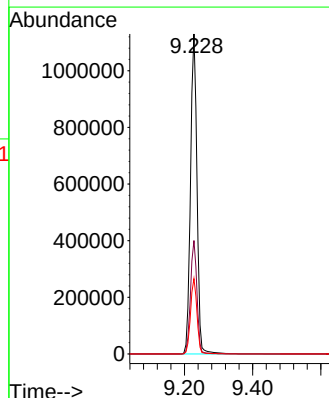
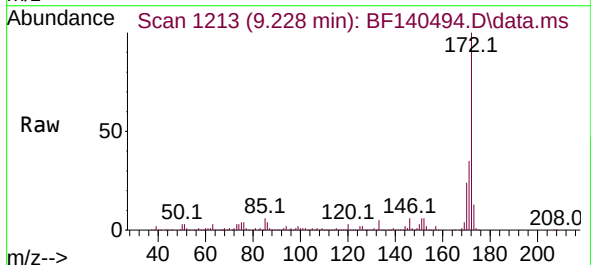
Tgt Ion:172 Resp: 1487661

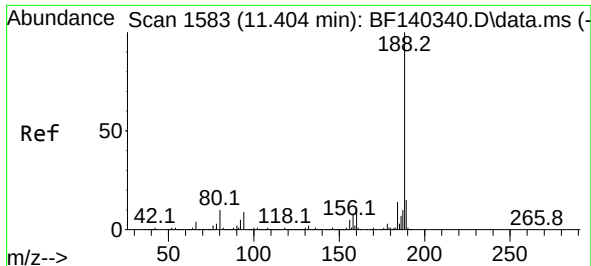
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.5 19.1 28.7

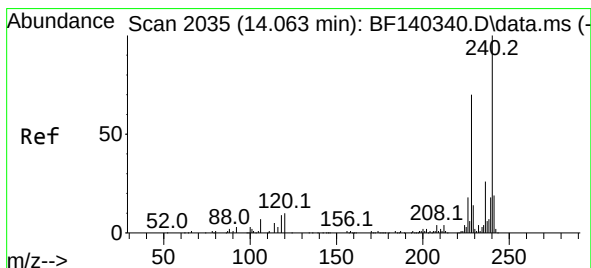
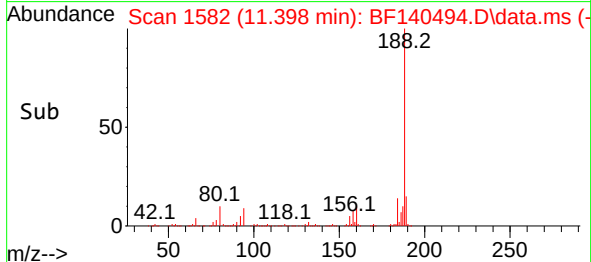
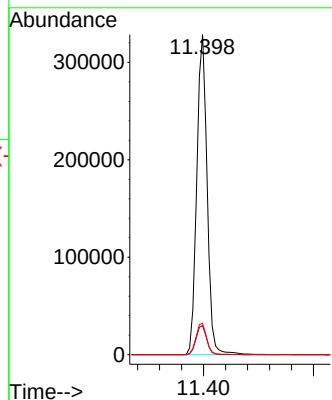
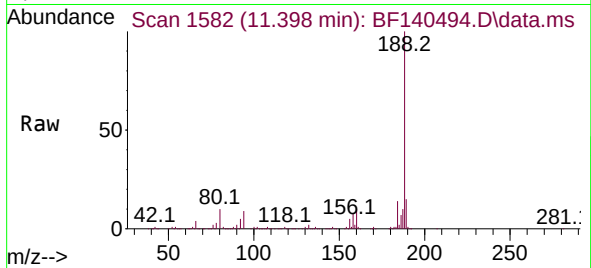




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

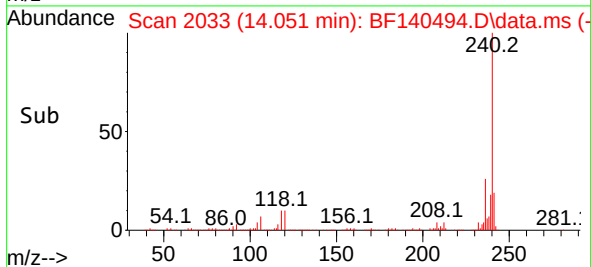
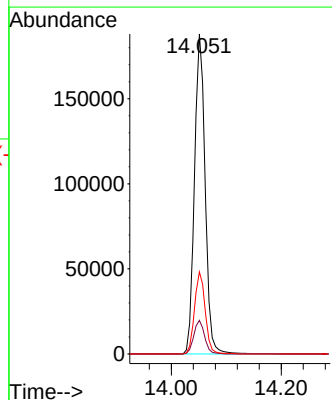
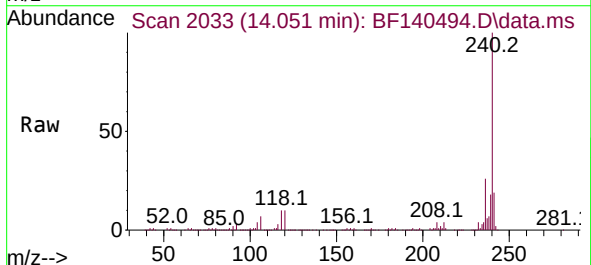
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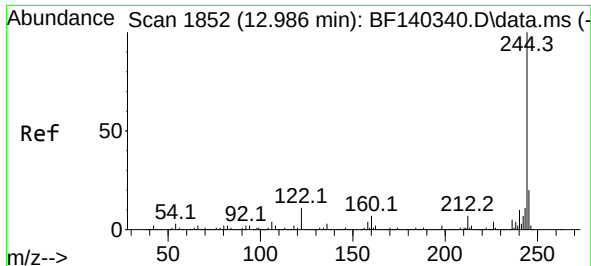
Tgt Ion:188 Resp: 429469
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

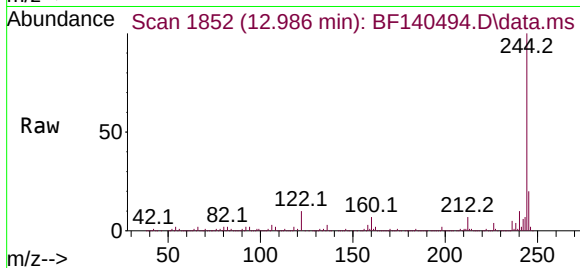
Tgt Ion:240 Resp: 252845
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.6 20.9 31.3



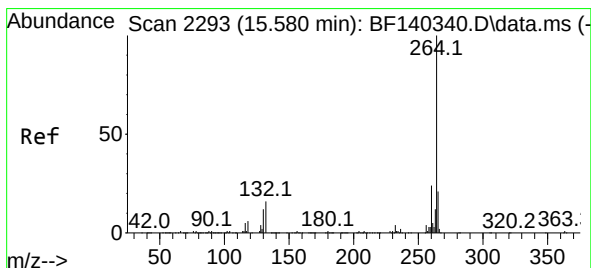
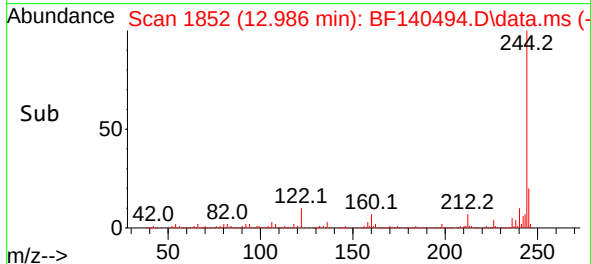
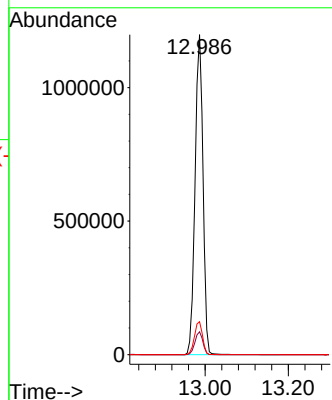


#79
Terphenyl-d14
Concen: 108.409 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1579140
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.3 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF140494.D
Acq: 20 Nov 2024 12:15

Tgt Ion:264 Resp: 112601
Ion Ratio Lower Upper
264 100
260 25.1 19.2 28.8
265 20.1 17.1 25.7

