

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140495.D
Acq On : 20 Nov 2024 12:42
Operator : RC/JU
Sample : P4892-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

Quant Time: Nov 20 13:09:02 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	111857	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	425828	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234373	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	439035	20.000	ng	0.00
76) Chrysene-d12	14.045	240	271644	20.000	ng	0.00
86) Perylene-d12	15.551	264	222745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	795934	121.491	ng	0.01
7) Phenol-d6	6.510	99	1040588	117.236	ng	0.00
23) Nitrobenzene-d5	7.434	82	668507	81.796	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	294494	126.357	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1244669	85.371	ng	0.00
79) Terphenyl-d14	12.986	244	1374393	87.823	ng	0.00

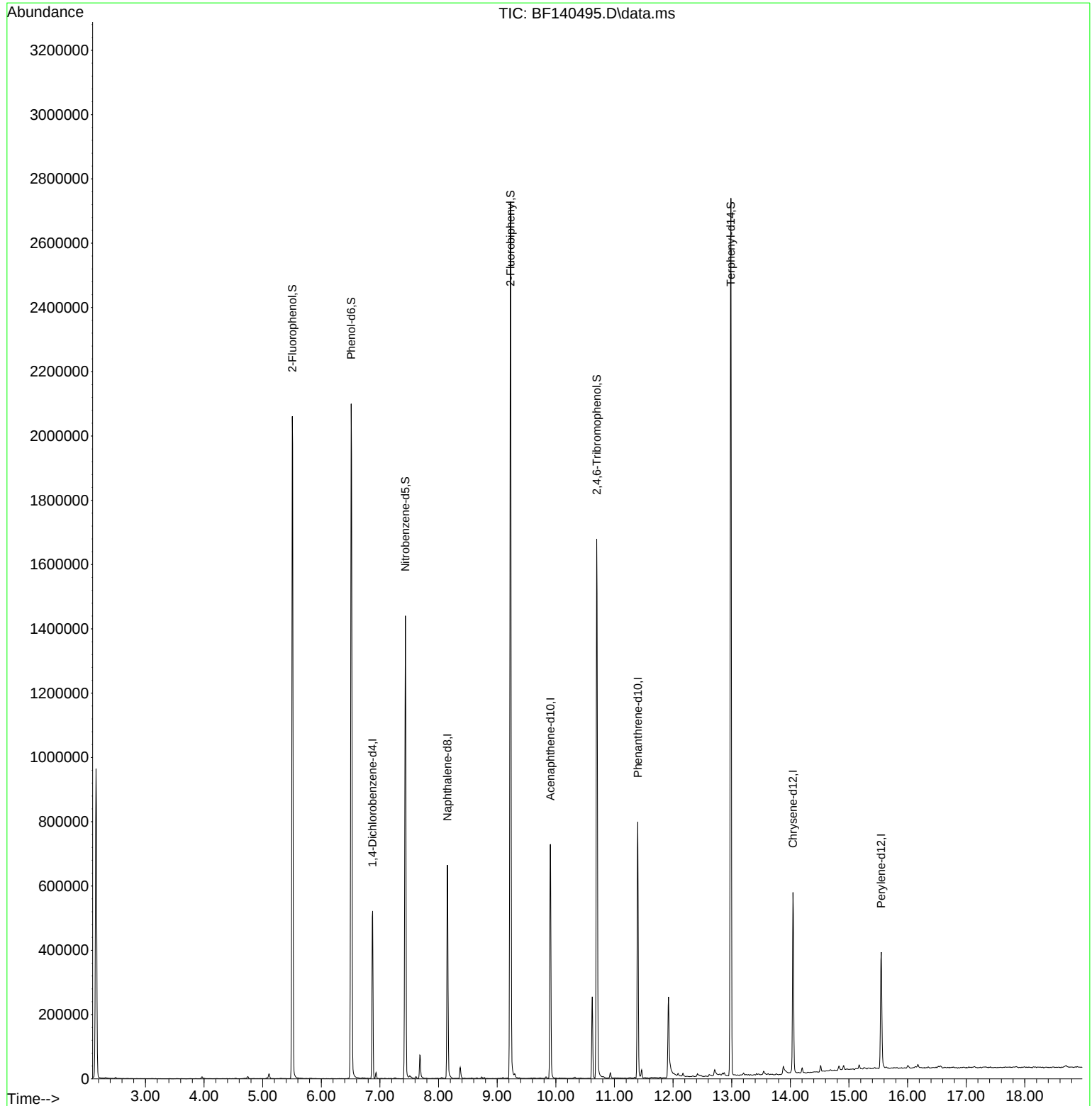
Target Compounds	Qvalue

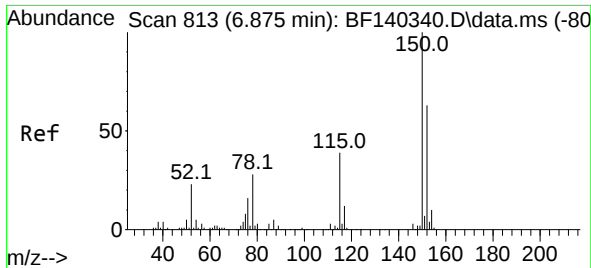
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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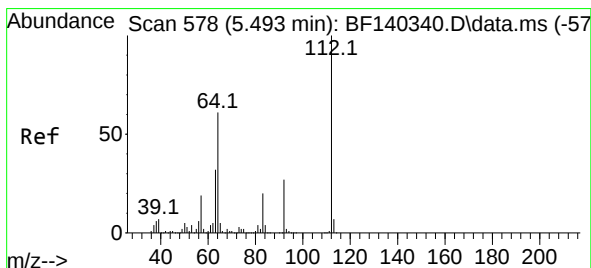
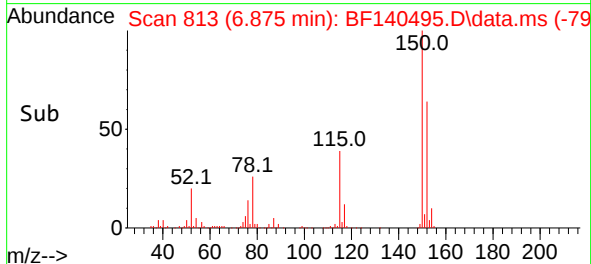
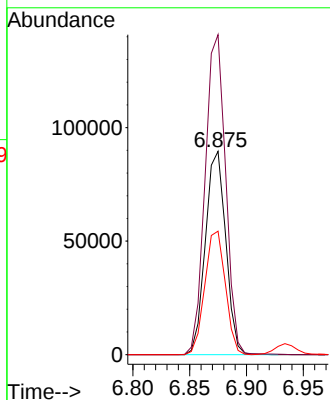
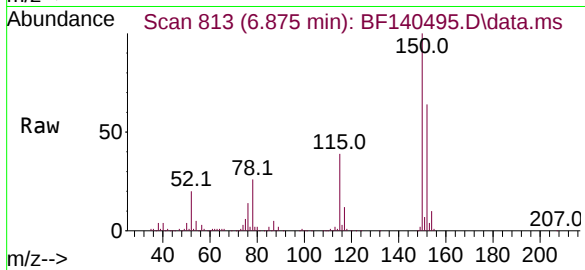




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

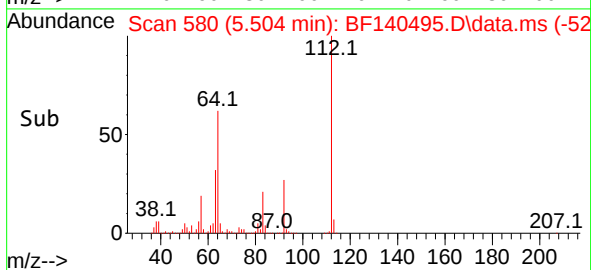
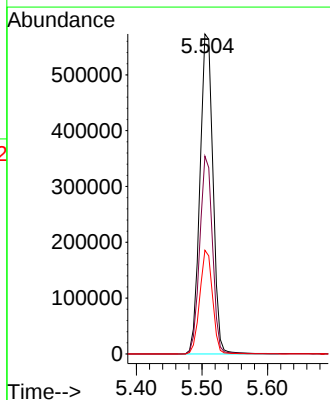
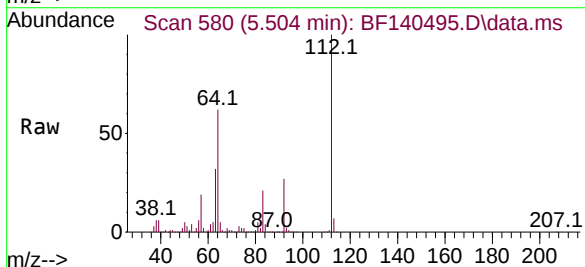
Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

Tgt Ion:152 Resp: 111857
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 60.7 47.4 71.2



#5
2-Fluorophenol
Concen: 121.491 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion:112 Resp: 795934
Ion Ratio Lower Upper
112 100
64 61.8 49.2 73.8
63 32.4 25.6 38.4

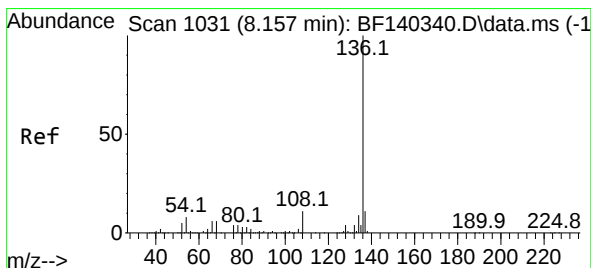
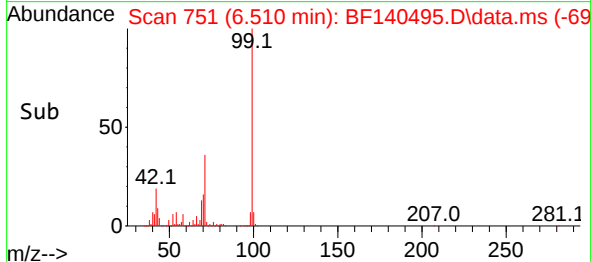
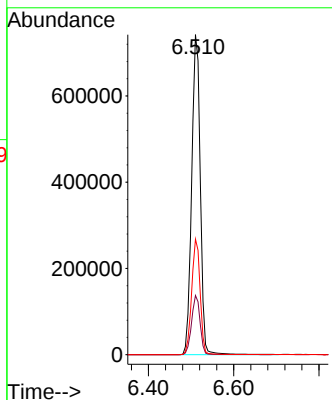
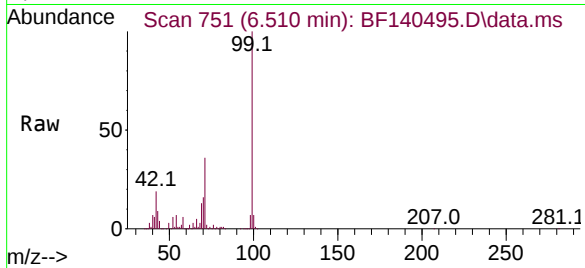




#7
Phenol-d6
Concen: 117.236 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

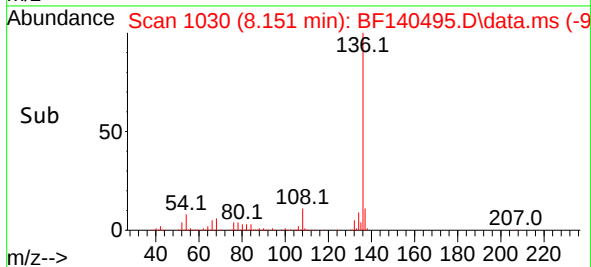
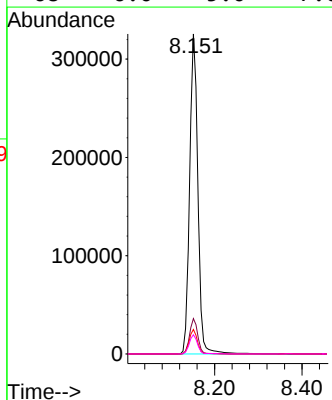
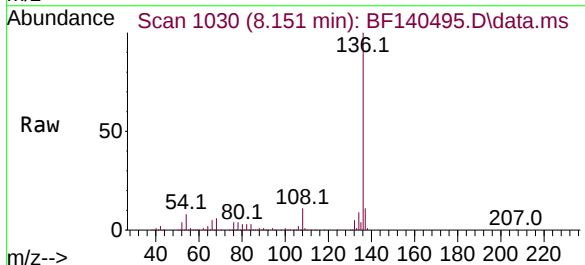
Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

Tgt Ion: 99 Resp: 1040588
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 36.1 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: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion: 136 Resp: 425828
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.6 6.5 9.7
68 6.0 5.0 7.6

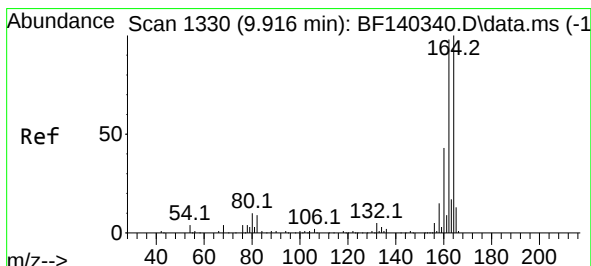
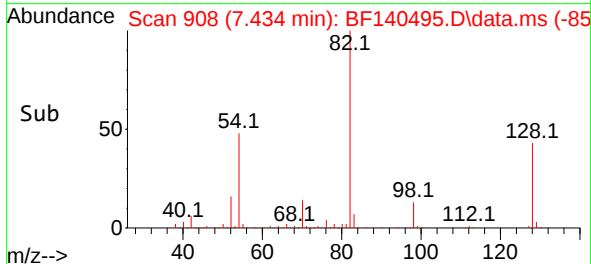
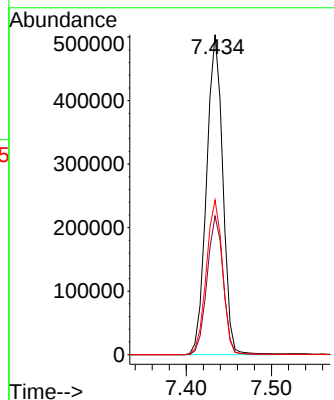
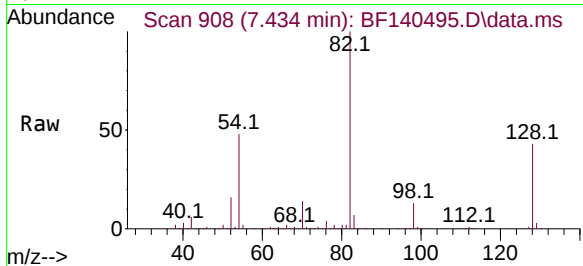




#23
Nitrobenzene-d5
Concen: 81.796 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

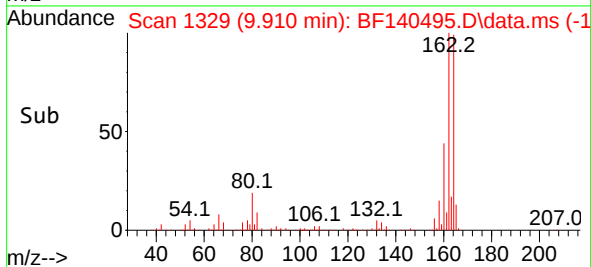
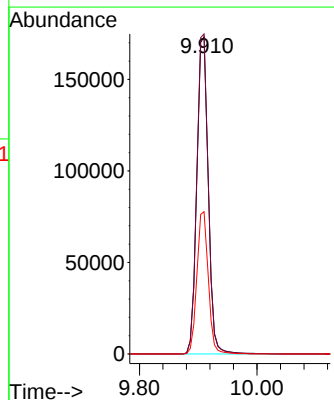
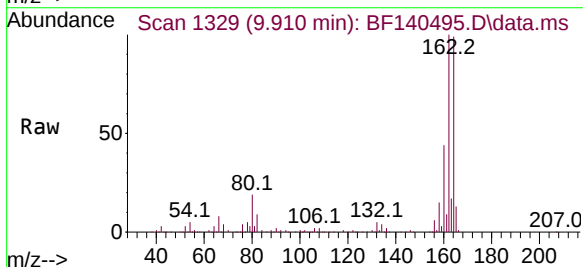
Instrument :
BNA_F
ClientSampleId :
WB-310-BOT

Tgt Ion: 82 Resp: 668507
Ion Ratio Lower Upper
82 100
128 43.3 33.3 49.9
54 48.4 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion:164 Resp: 234373
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 126.357 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140495.D

Acq: 20 Nov 2024 12:42

Instrument :

BNA_F

ClientSampleId :

WB-310-BOT

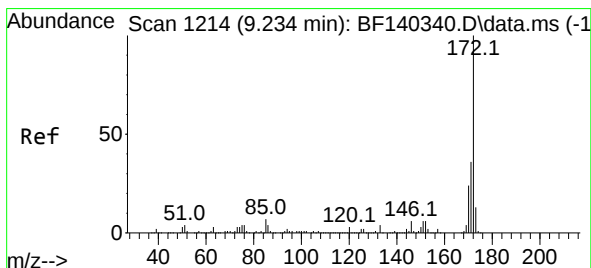
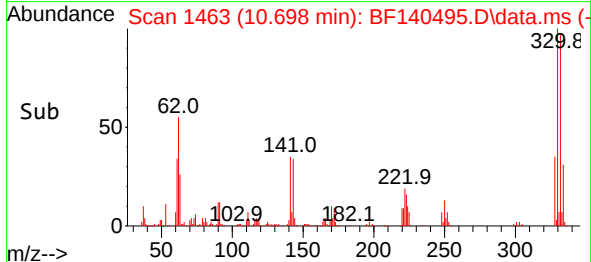
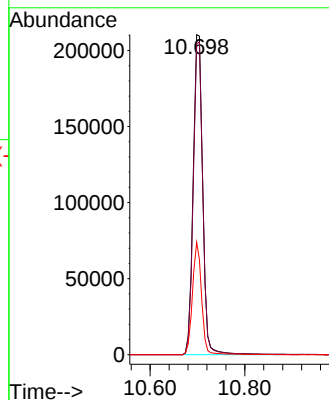
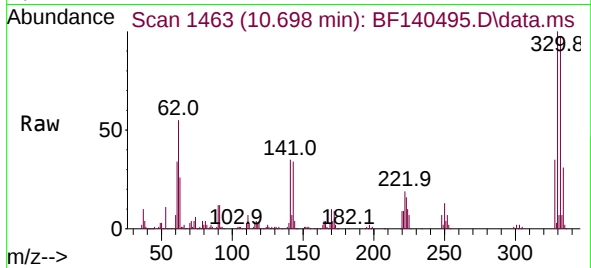
Tgt Ion:330 Resp: 294494

Ion Ratio Lower Upper

330 100

332 97.1 75.9 113.9

141 33.4 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 85.371 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140495.D

Acq: 20 Nov 2024 12:42

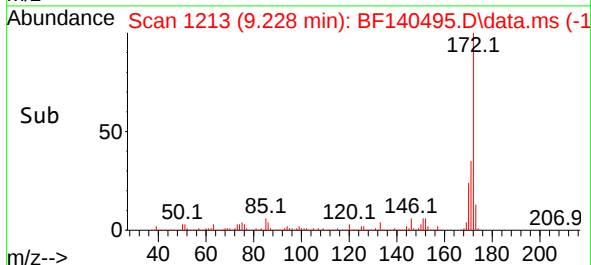
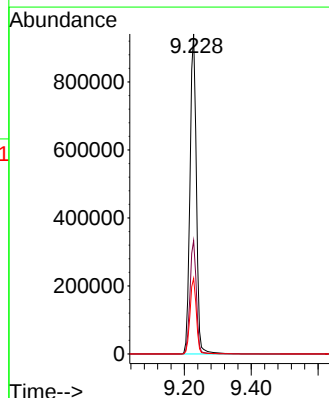
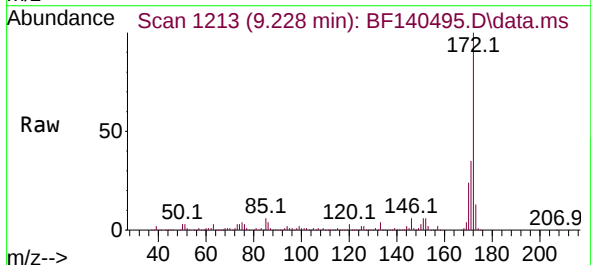
Tgt Ion:172 Resp: 1244669

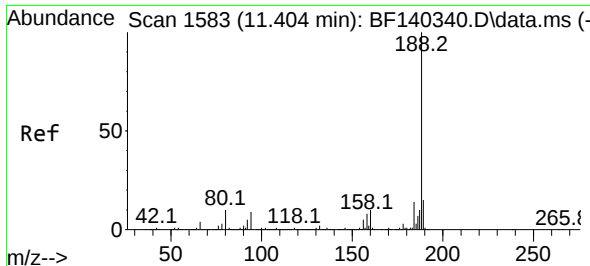
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.6 19.1 28.7

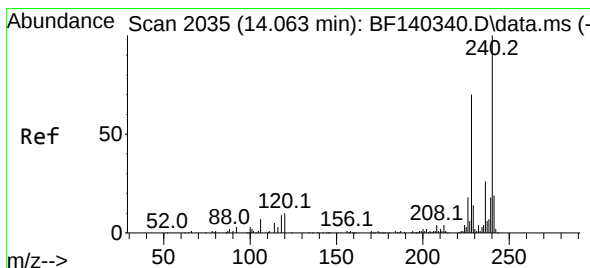
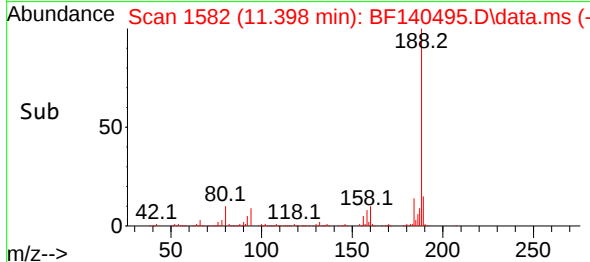
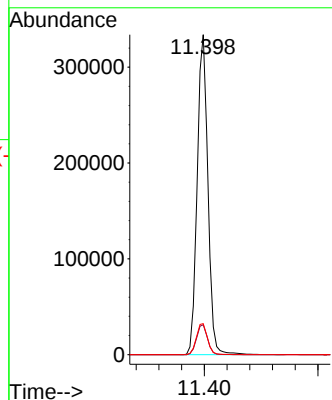
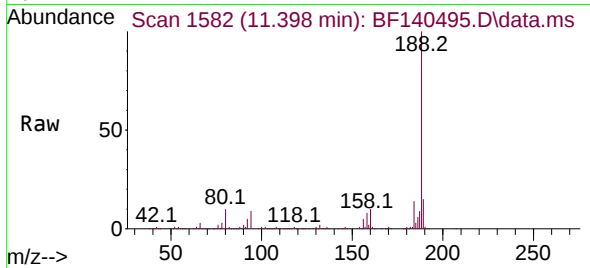




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

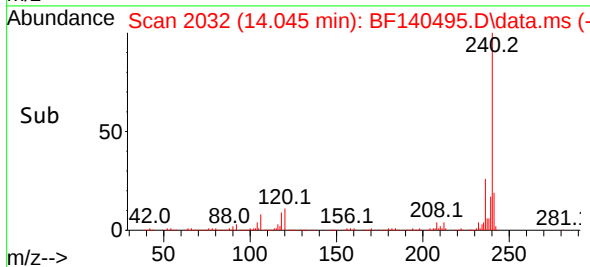
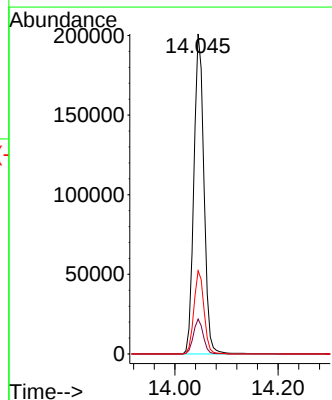
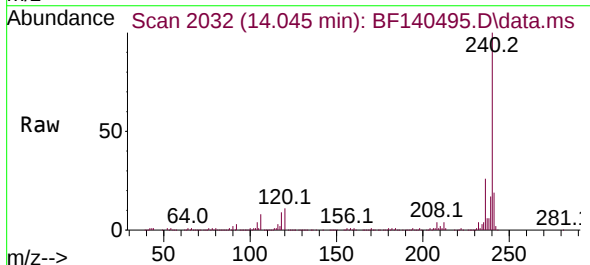
Instrument :
BNA_F
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WB-310-BOT

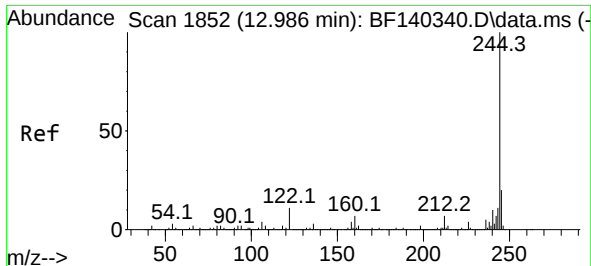
Tgt Ion:188 Resp: 439035
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 9.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140495.D
Acq: 20 Nov 2024 12:42

Tgt Ion:240 Resp: 271644
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 26.0 20.9 31.3

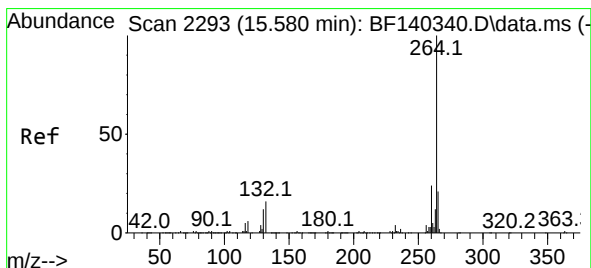
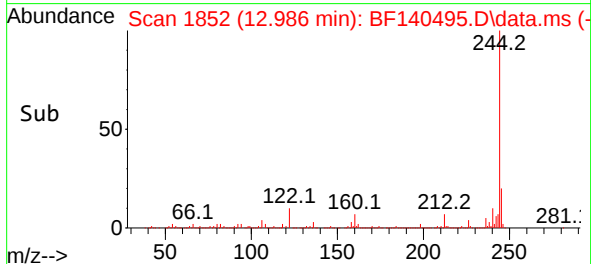
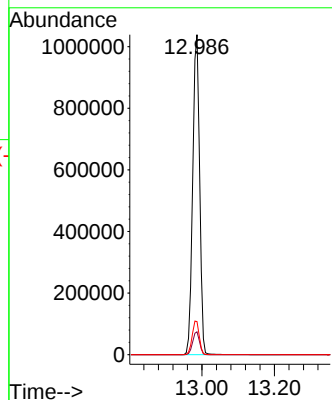
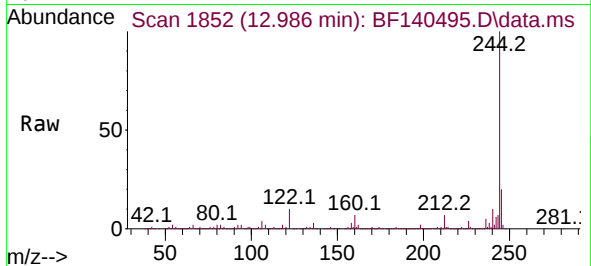




#79
 Terphenyl-d14
 Concen: 87.823 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140495.D
 Acq: 20 Nov 2024 12:42

Instrument :
 BNA_F
 ClientSampleId :
 WB-310-BOT

Tgt Ion:244 Resp: 1374393
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF140495.D
 Acq: 20 Nov 2024 12:42

Tgt Ion:264 Resp: 222745
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.4 17.1 25.7

