

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
Data File : BF140509.D
Acq On : 20 Nov 2024 19:35
Operator : RC/JU
Sample : P4870-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-15

Quant Time: Nov 21 00:07:58 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	122908	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	441673	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	210624	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	346195	20.000	ng	0.00
76) Chrysene-d12	14.039	240	238329	20.000	ng	-0.01
86) Perylene-d12	15.527	264	223211	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	648041	90.023	ng	0.01
7) Phenol-d6	6.510	99	837319	85.853	ng	0.00
23) Nitrobenzene-d5	7.434	82	530847	62.622	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	173924	83.039	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	875240	66.801	ng	0.00
79) Terphenyl-d14	12.980	244	727415	52.979	ng	0.00

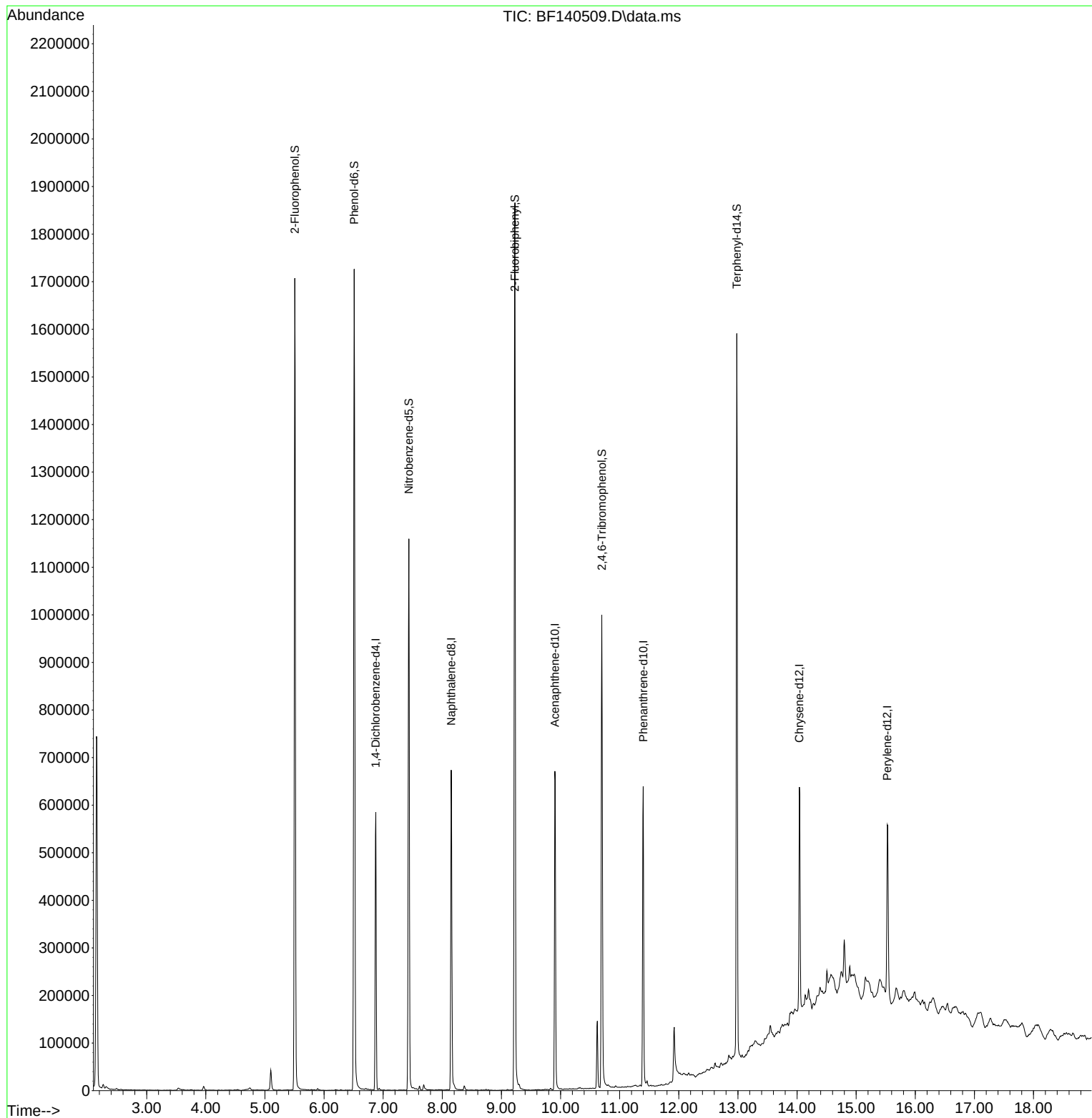
Target Compounds	Qvalue

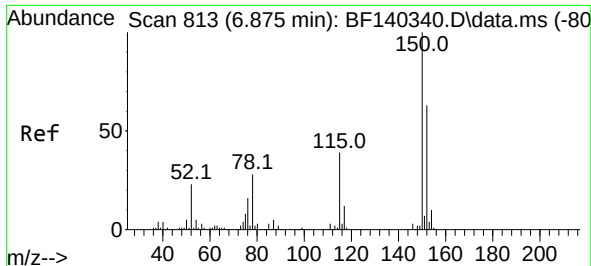
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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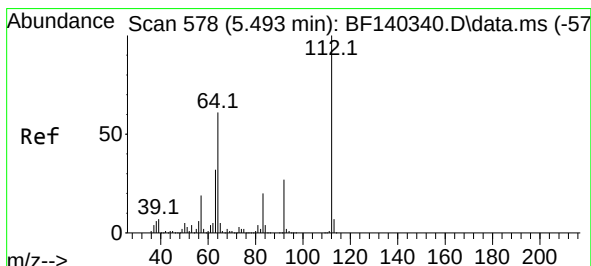
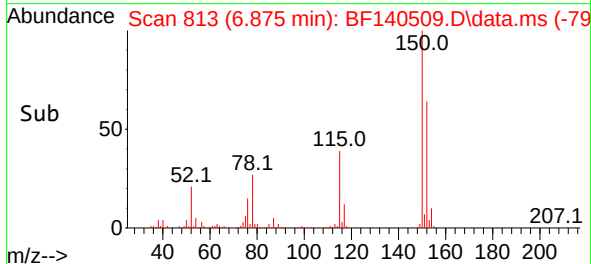
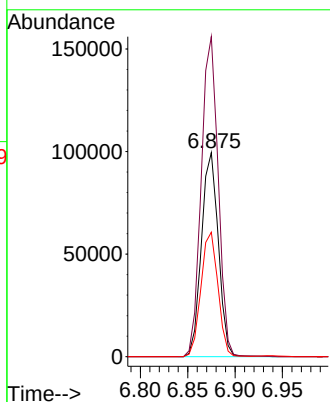
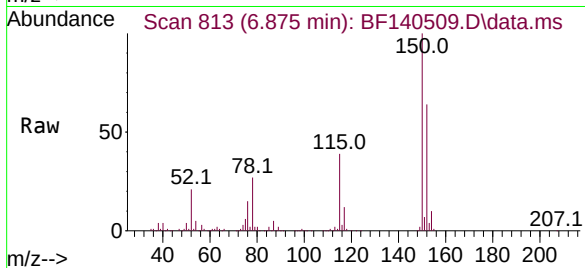




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140509.D
 Acq: 20 Nov 2024 19:35

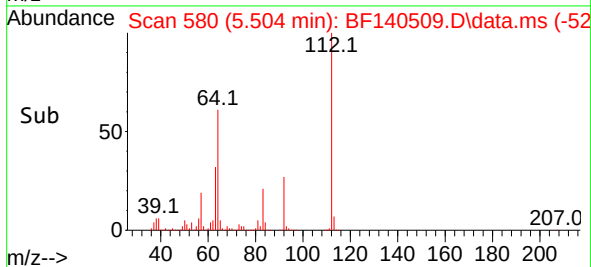
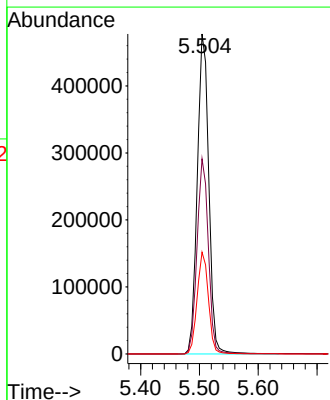
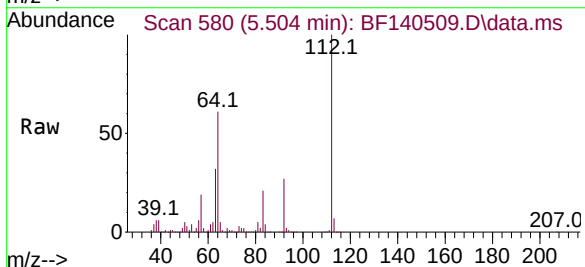
Instrument :
 BNA_F
 ClientSampleId :
 TP-15

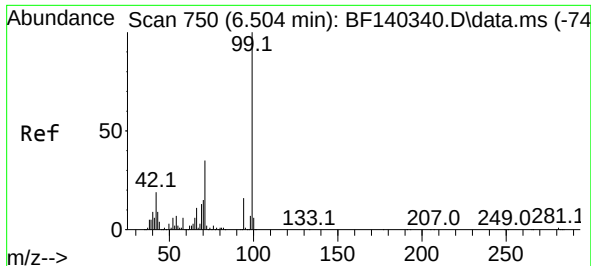
Tgt Ion:152 Resp: 122908
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.4 191.0
 115 61.1 47.4 71.2



#5
 2-Fluorophenol
 Concen: 90.023 ng
 RT: 5.504 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF140509.D
 Acq: 20 Nov 2024 19:35

Tgt Ion:112 Resp: 648041
 Ion Ratio Lower Upper
 112 100
 64 61.0 49.2 73.8
 63 31.8 25.6 38.4

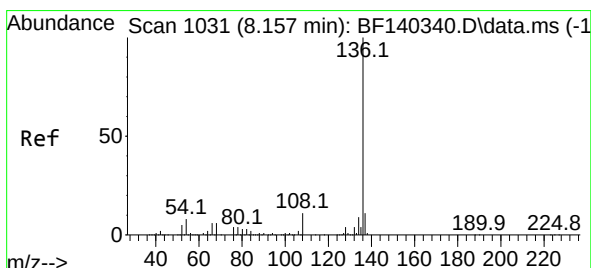
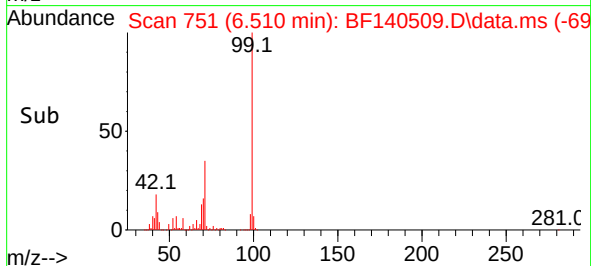
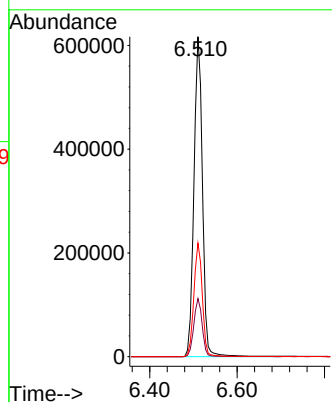
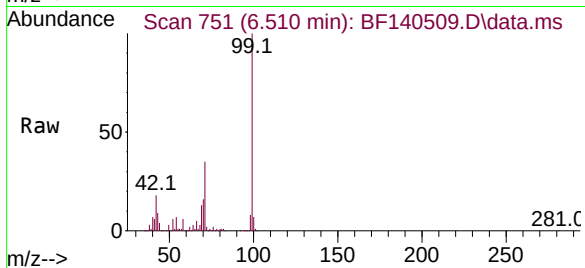




#7
Phenol-d6
Concen: 85.853 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

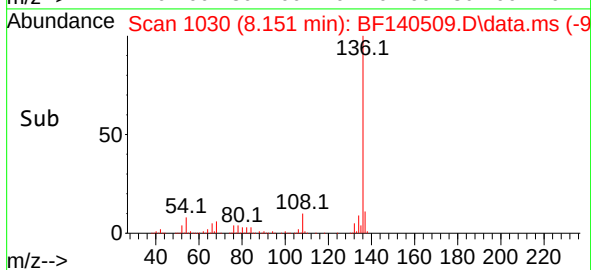
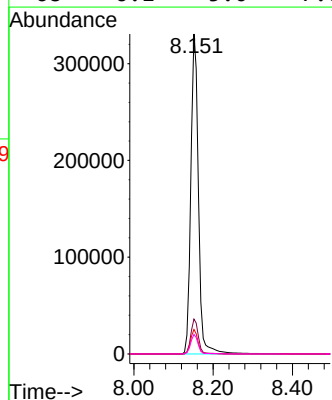
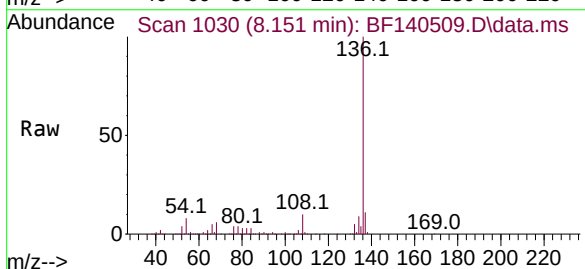
Instrument :
BNA_F
ClientSampleId :
TP-15

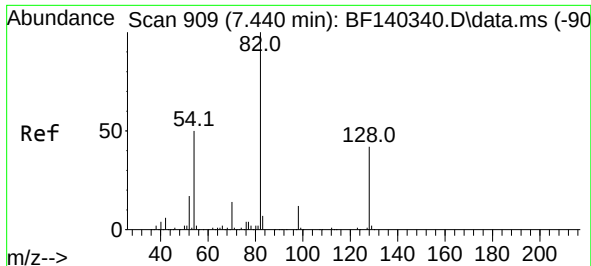
Tgt Ion: 99 Resp: 837319
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.5 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

Tgt Ion: 136 Resp: 441673
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.6 6.5 9.7
68 6.1 5.0 7.6

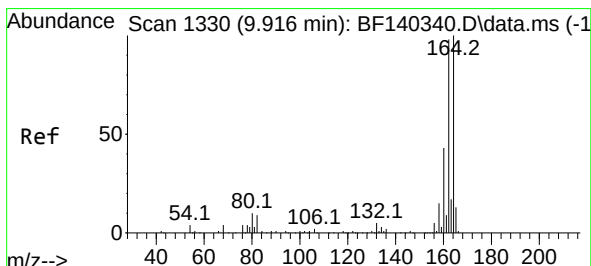
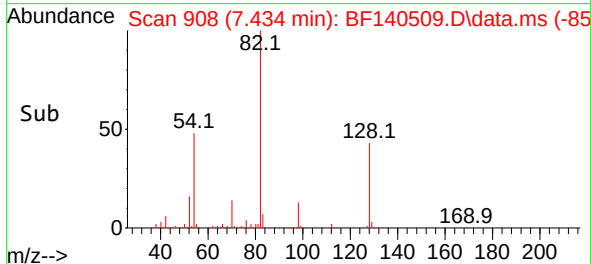
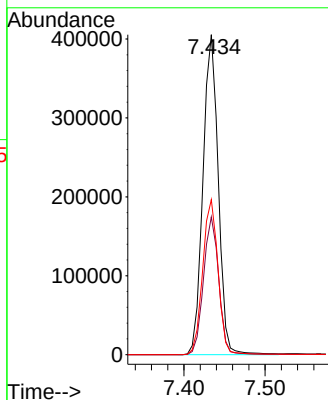
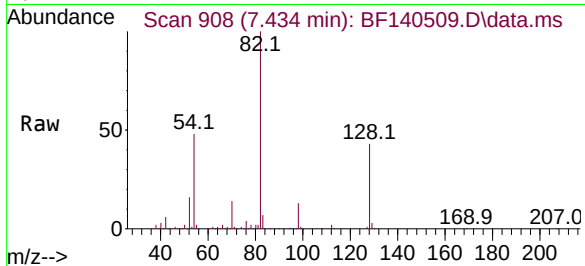




#23
Nitrobenzene-d5
Concen: 62.622 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

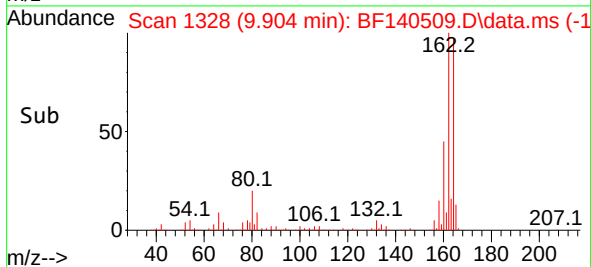
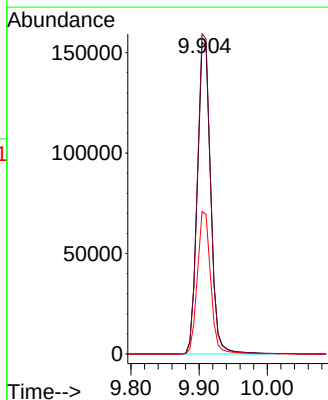
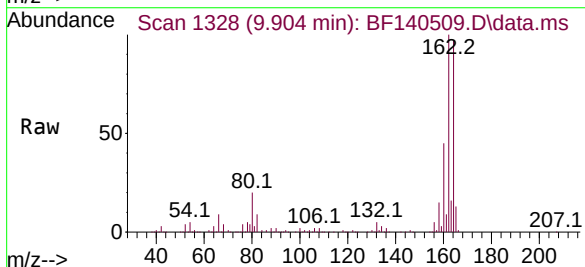
Instrument :
BNA_F
ClientSampleId :
TP-15

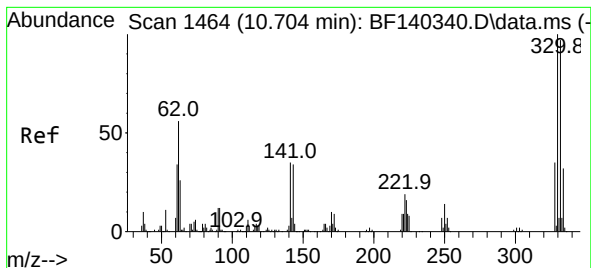
Tgt Ion: 82 Resp: 530847
Ion Ratio Lower Upper
82 100
128 43.1 33.3 49.9
54 48.5 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

Tgt Ion: 164 Resp: 210624
Ion Ratio Lower Upper
164 100
162 102.7 79.8 119.8
160 45.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 83.039 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

Instrument :

BNA_F

ClientSampleId :

TP-15

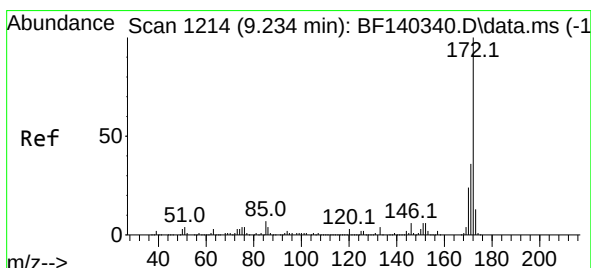
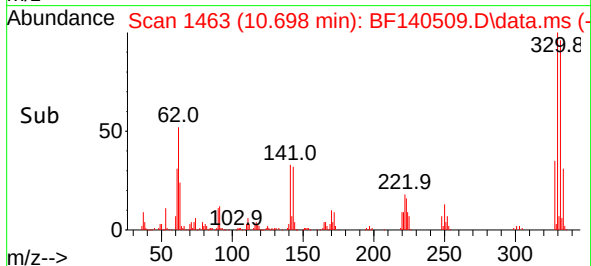
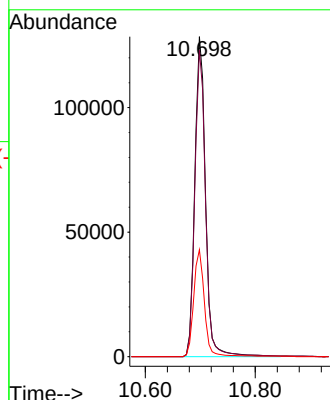
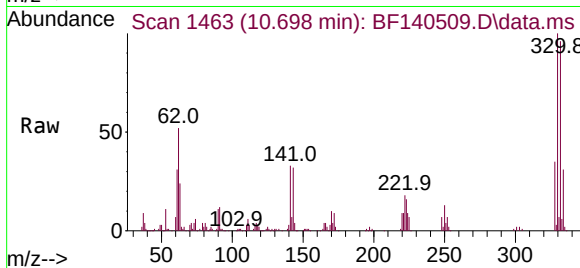
Tgt Ion:330 Resp: 173924

Ion Ratio Lower Upper

330 100

332 96.1 75.9 113.9

141 33.6 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 66.801 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

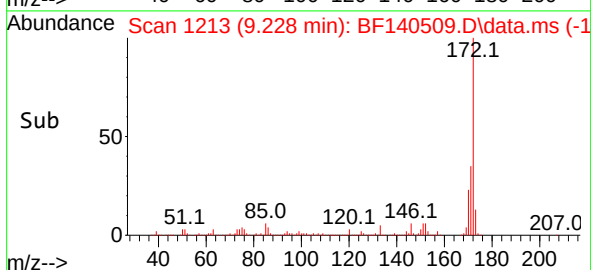
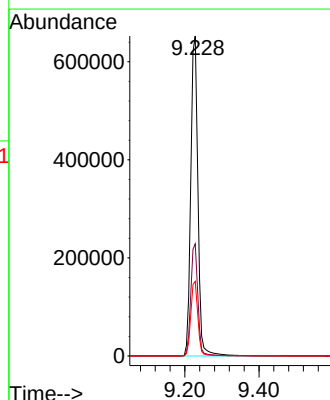
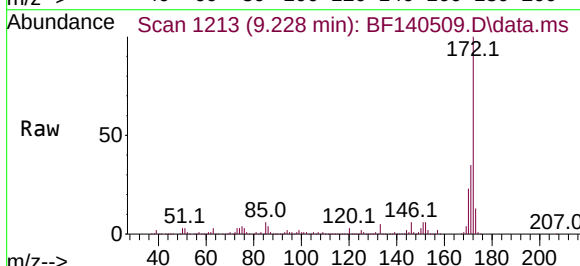
Tgt Ion:172 Resp: 875240

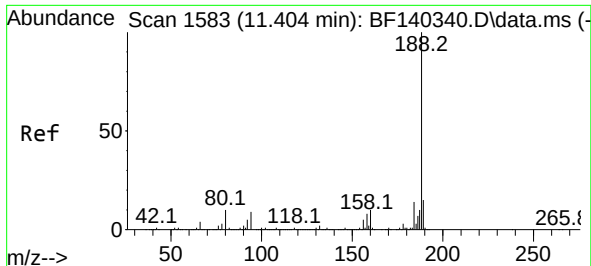
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.3 19.1 28.7

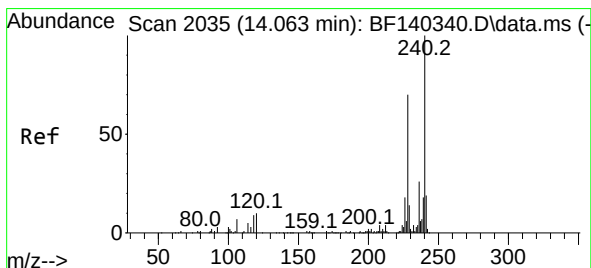
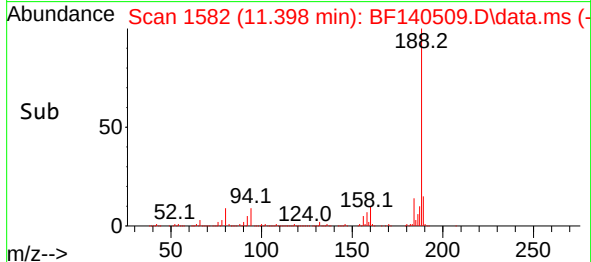
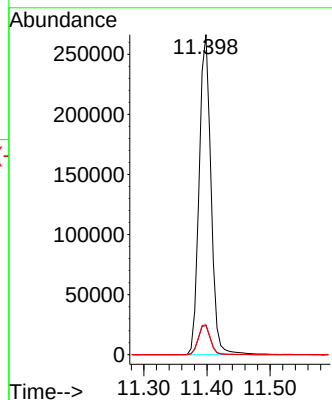
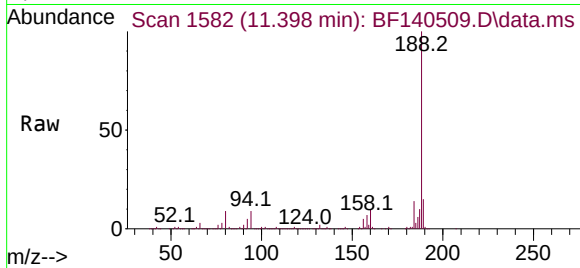




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

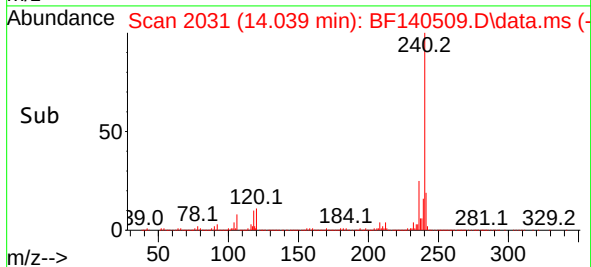
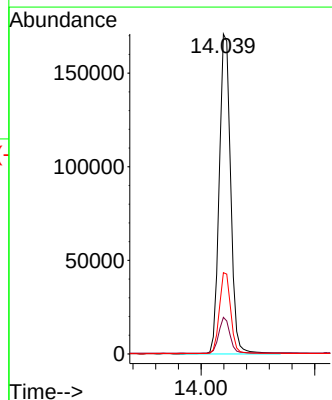
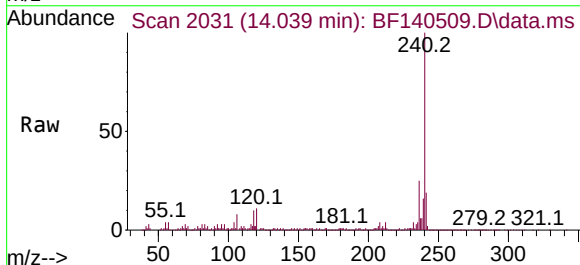
Instrument :
BNA_F
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TP-15

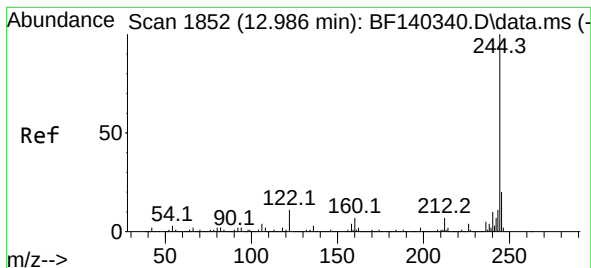
Tgt Ion:188 Resp: 346195
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF140509.D
Acq: 20 Nov 2024 19:35

Tgt Ion:240 Resp: 238329
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 52.979 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

Instrument :

BNA_F

ClientSampleId :

TP-15

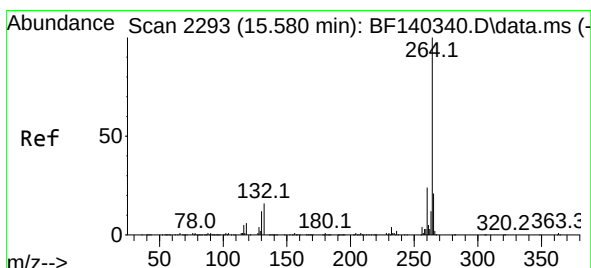
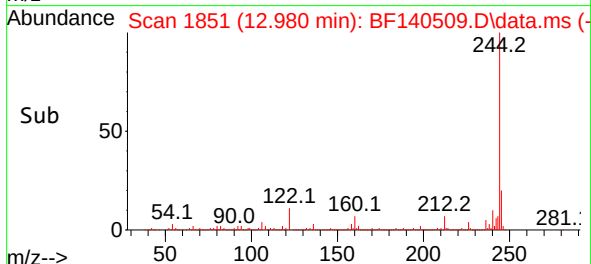
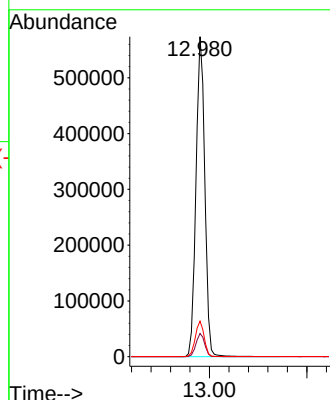
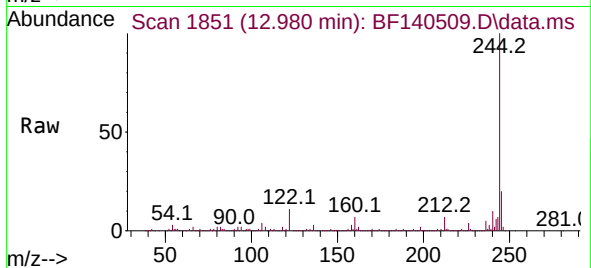
Tgt Ion:244 Resp: 727415

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 11.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.029 min

Lab File: BF140509.D

Acq: 20 Nov 2024 19:35

Tgt Ion:264 Resp: 223211

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 17.1 25.7

