

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141696.D
 Acq On : 20 Feb 2025 11:33
 Operator : RC/JU
 Sample : PB166772BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL

Quant Time: Feb 20 11:59:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88003	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	346202	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	181756	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	302761	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	192051	20.000	ng	-0.03
86) Perylene-d12	15.380	264	172118	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	716692	127.676	ng	0.00
7) Phenol-d6	6.422	99	868264	122.380	ng	-0.02
23) Nitrobenzene-d5	7.345	82	568758	85.688	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	212269	116.259	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	1074076	91.043	ng	-0.02
79) Terphenyl-d14	12.880	244	1095849	96.328	ng	-0.02

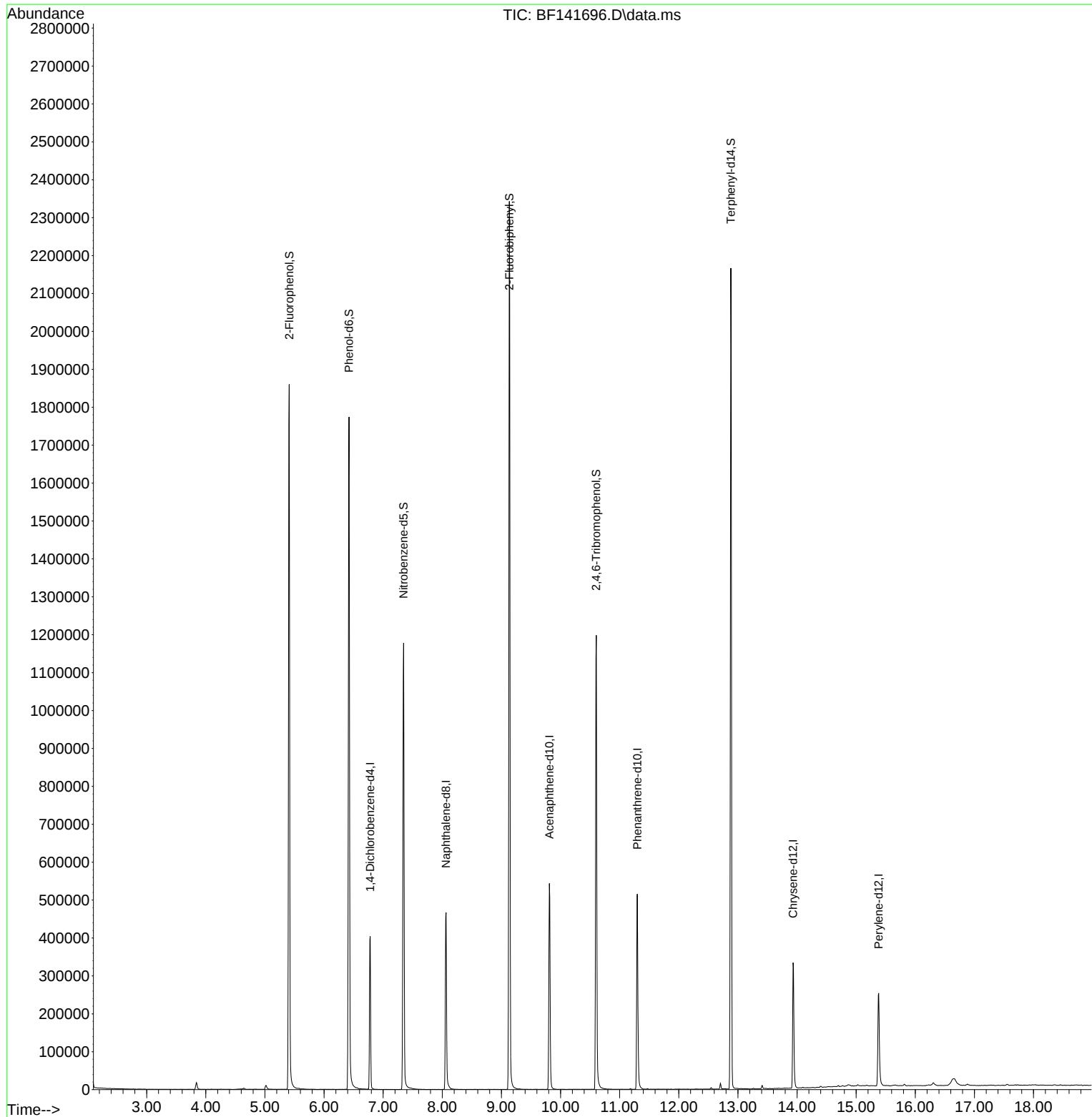
Target Compounds	Qvalue

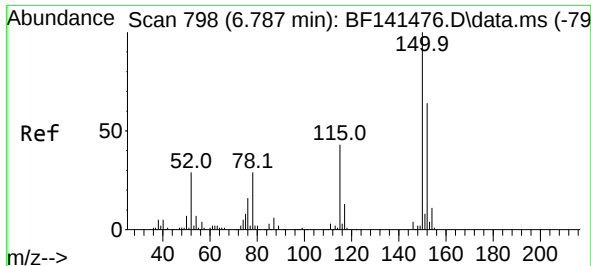
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
Data File : BF141696.D
Acq On : 20 Feb 2025 11:33
Operator : RC/JU
Sample : PB166772BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166772BL

Quant Time: Feb 20 11:59:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

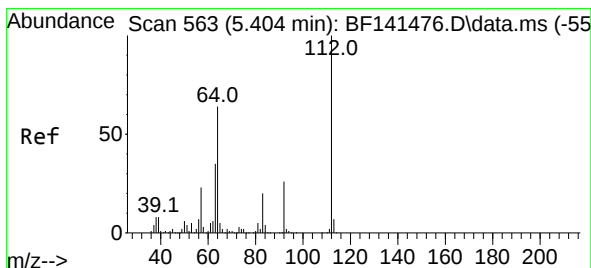
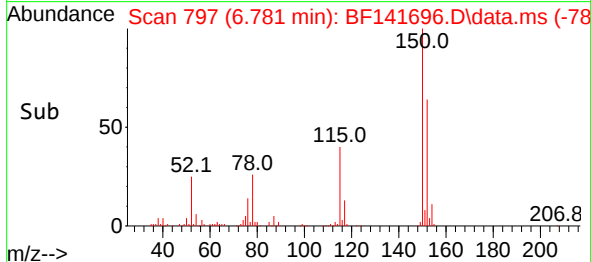
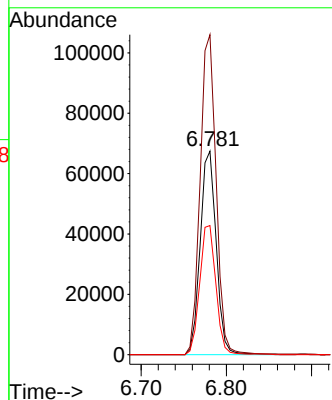
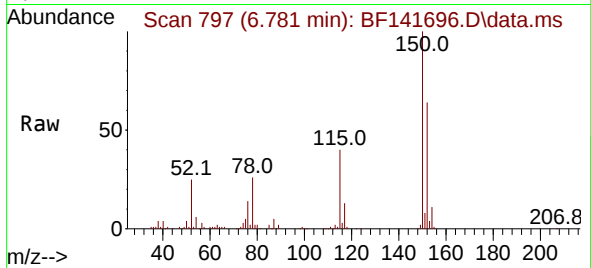




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141696.D
 Acq: 20 Feb 2025 11:33

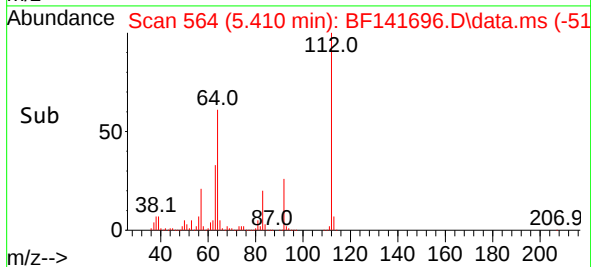
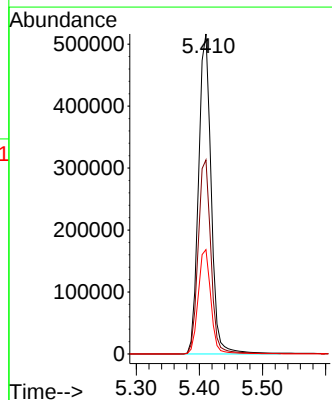
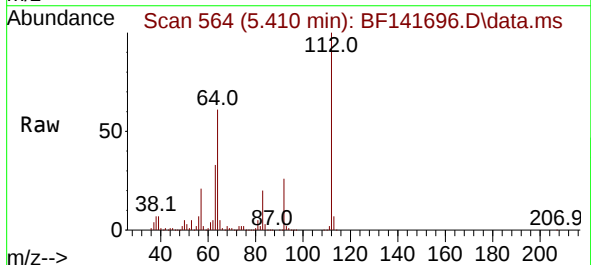
Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL

Tgt Ion:152 Resp: 88003
 Ion Ratio Lower Upper
 152 100
 150 157.2 125.0 187.4
 115 63.5 53.6 80.4



#5
 2-Fluorophenol
 Concen: 127.676 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141696.D
 Acq: 20 Feb 2025 11:33

Tgt Ion:112 Resp: 716692
 Ion Ratio Lower Upper
 112 100
 64 60.6 51.1 76.7
 63 32.6 28.4 42.6

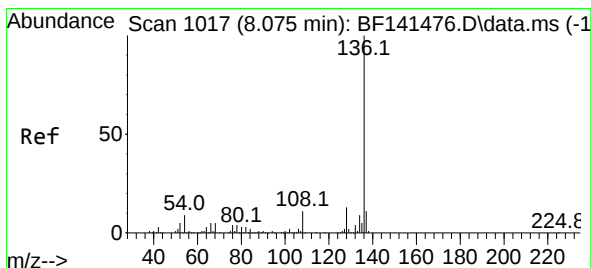
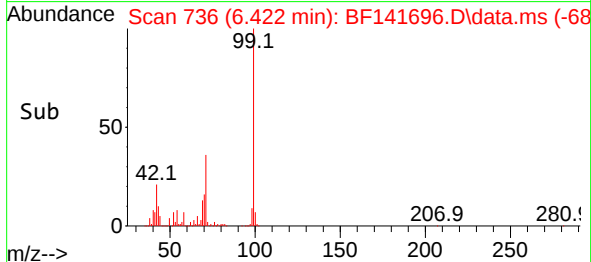
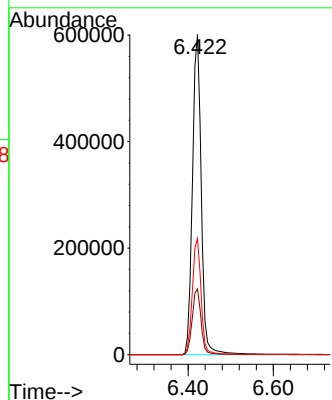
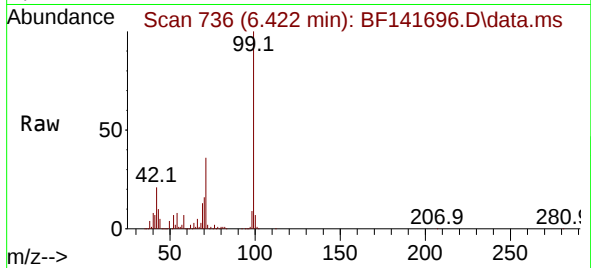




#7
Phenol-d6
Concen: 122.380 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141696.D
Acq: 20 Feb 2025 11:33

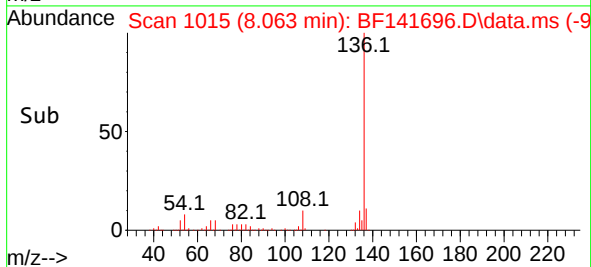
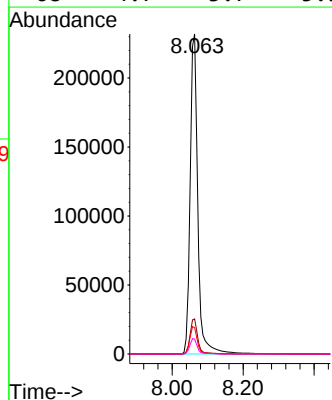
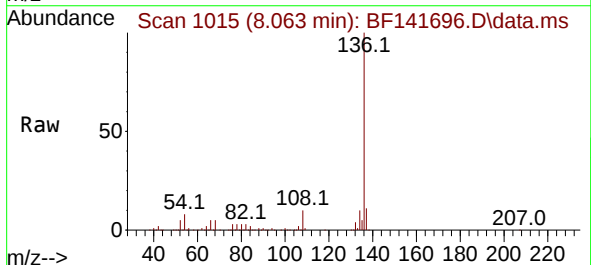
Instrument :
BNA_F
ClientSampleId :
PB166772BL

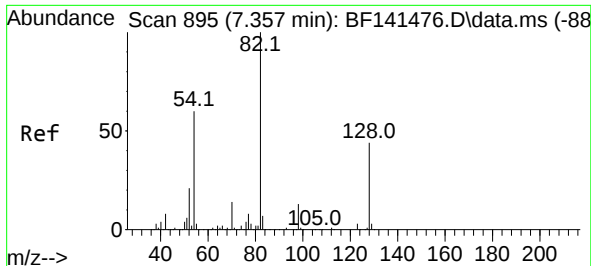
Tgt Ion: 99 Resp: 868264
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 36.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141696.D
Acq: 20 Feb 2025 11:33

Tgt Ion: 136 Resp: 346202
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 85.688 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF141696.D

Acq: 20 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166772BL

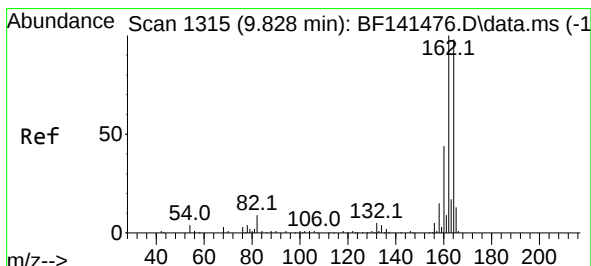
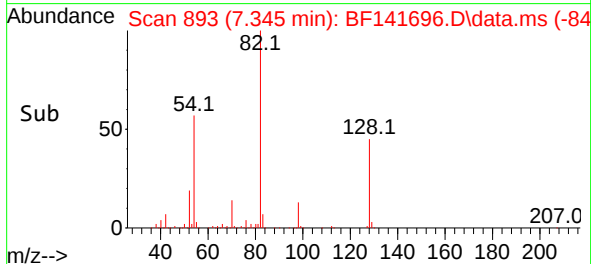
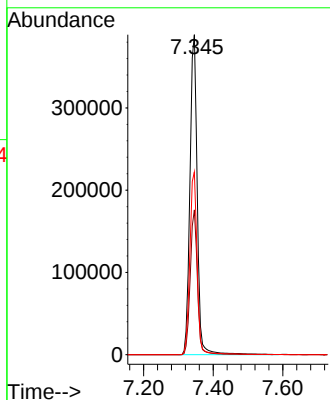
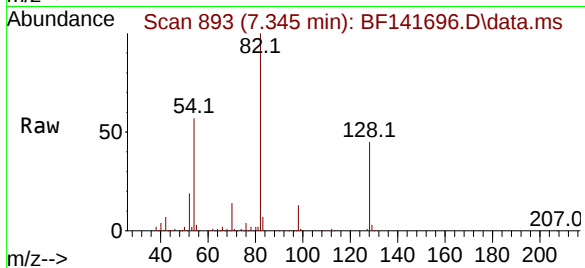
Tgt Ion: 82 Resp: 568758

Ion Ratio Lower Upper

82 100

128 45.3 34.8 52.2

54 57.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.023 min

Lab File: BF141696.D

Acq: 20 Feb 2025 11:33

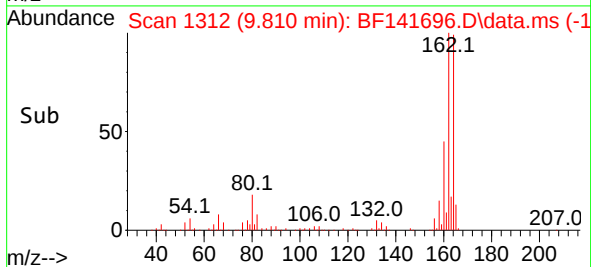
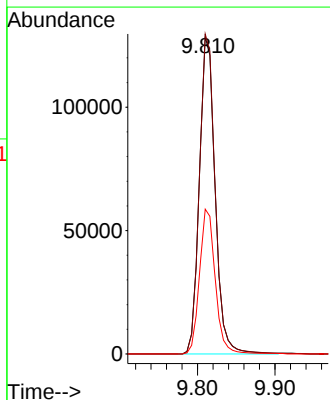
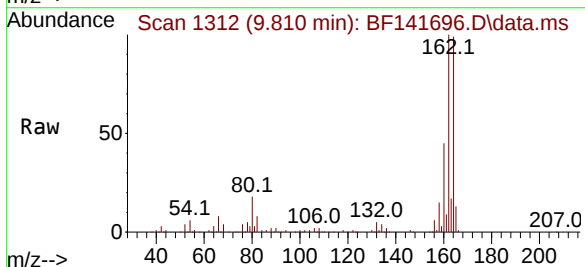
Tgt Ion: 164 Resp: 181756

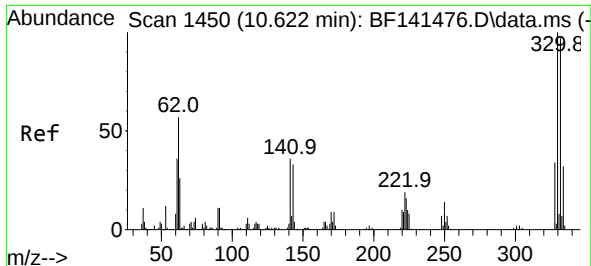
Ion Ratio Lower Upper

164 100

162 100.9 81.3 121.9

160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 116.259 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141696.D

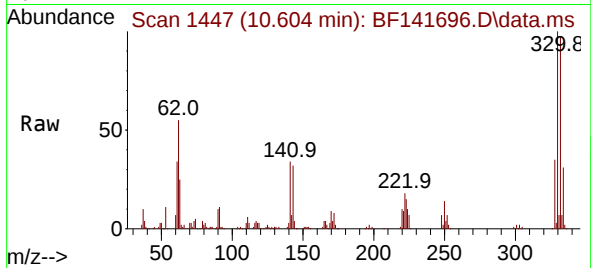
Acq: 20 Feb 2025 11:33

Instrument :

BNA_F

ClientSampleId :

PB166772BL



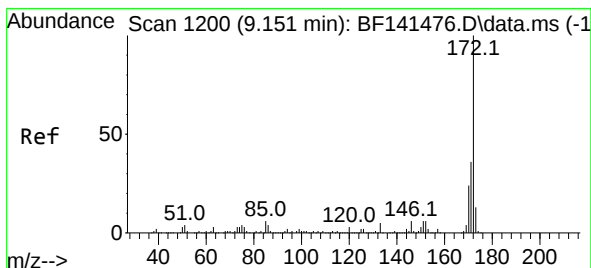
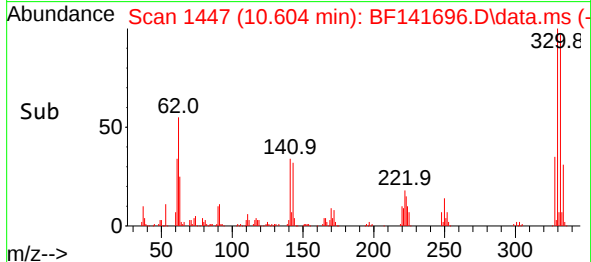
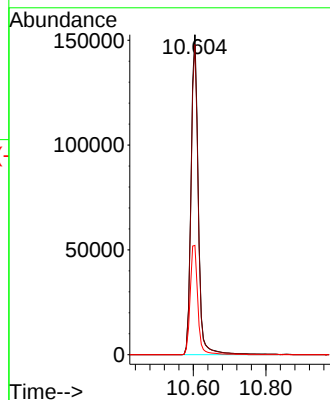
Tgt Ion:330 Resp: 212269

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

141 35.9 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 91.043 ng

RT: 9.134 min Scan# 1197

Delta R.T. -0.017 min

Lab File: BF141696.D

Acq: 20 Feb 2025 11:33

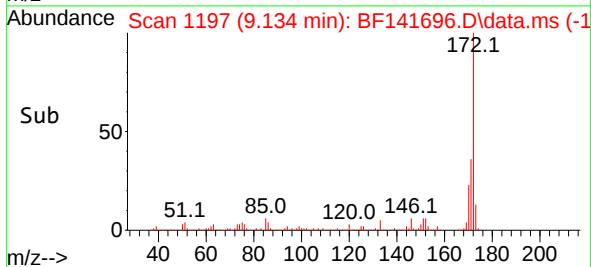
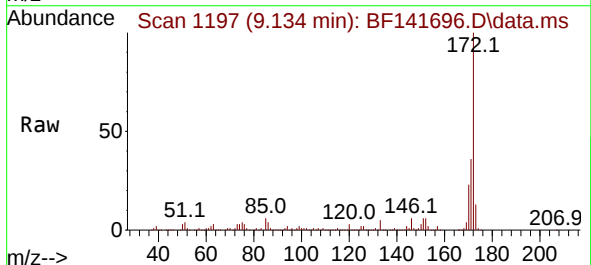
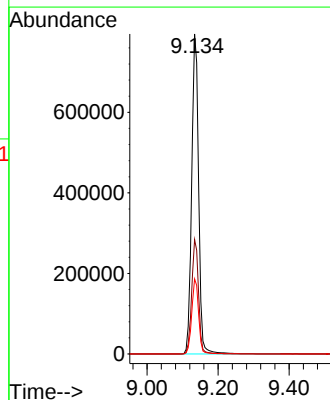
Tgt Ion:172 Resp: 1074076

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.4 18.9 28.3

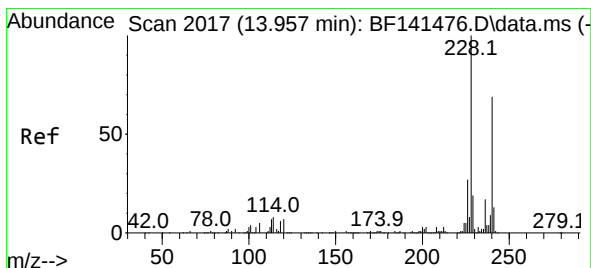
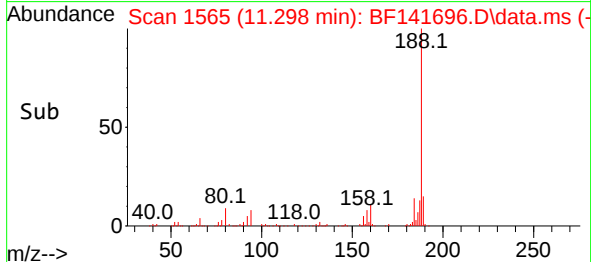
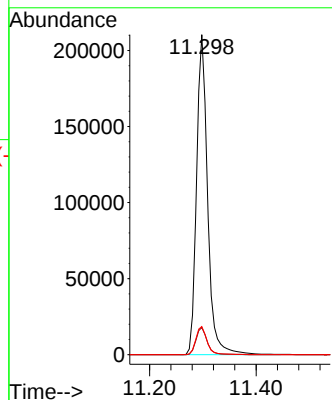
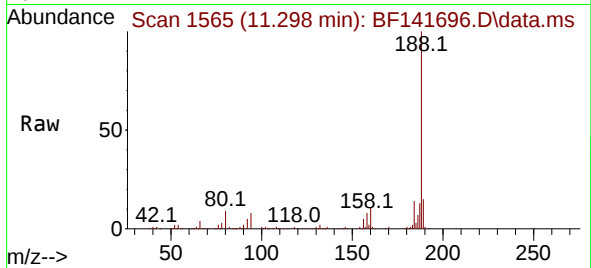




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.017 min
Lab File: BF141696.D
Acq: 20 Feb 2025 11:33

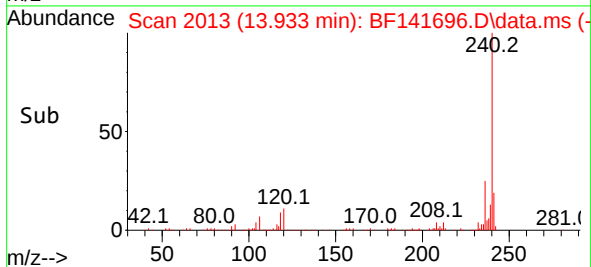
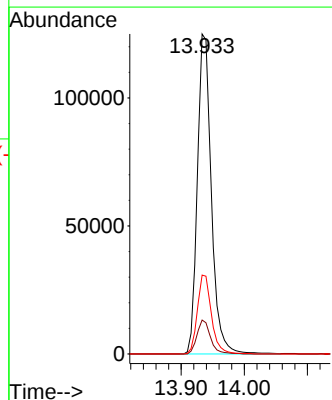
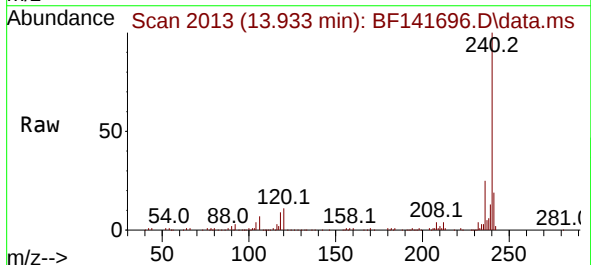
Instrument :
BNA_F
ClientSampleId :
PB166772BL

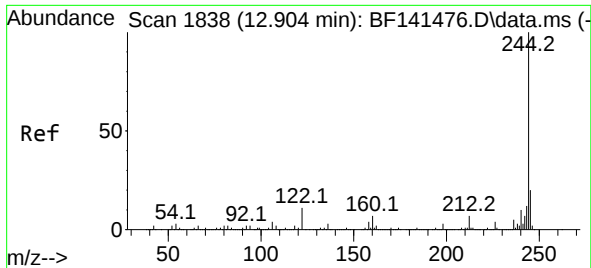
Tgt Ion:188 Resp: 302761
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 8.8 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.029 min
Lab File: BF141696.D
Acq: 20 Feb 2025 11:33

Tgt Ion:240 Resp: 192051
Ion Ratio Lower Upper
240 100
120 10.6 8.0 12.0
236 24.6 19.8 29.8

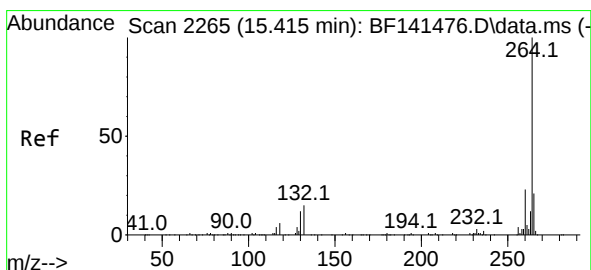
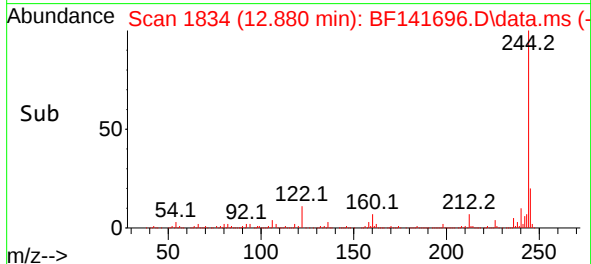
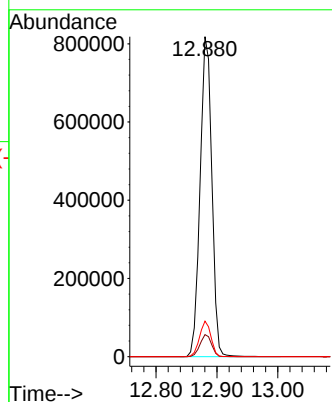
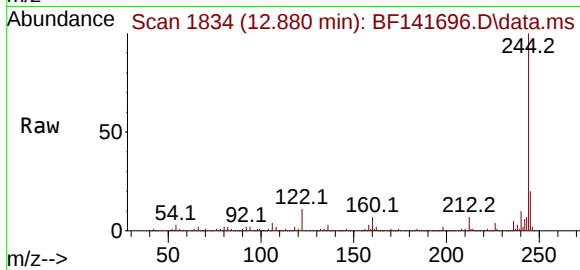




#79
 Terphenyl-d14
 Concen: 96.328 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141696.D
 Acq: 20 Feb 2025 11:33

Instrument :
 BNA_F
 ClientSampleId :
 PB166772BL

Tgt Ion:244 Resp: 1095849
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.1 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141696.D
 Acq: 20 Feb 2025 11:33

Tgt Ion:264 Resp: 172118
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.0 17.0 25.4

