

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141715.D
 Acq On : 21 Feb 2025 12:44
 Operator : RC/JU
 Sample : PB166796BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166796BL

Quant Time: Feb 21 13:05:04 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	91406	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	366629	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	197465	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	331081	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	205959	20.000	ng	-0.02
86) Perylene-d12	15.380	264	164201	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	803503	137.812	ng	0.00
7) Phenol-d6	6.422	99	983929	133.520	ng	-0.02
23) Nitrobenzene-d5	7.345	82	651738	92.719	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	243959	122.986	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1210763	94.465	ng	-0.01
79) Terphenyl-d14	12.886	244	1273198	104.360	ng	-0.02

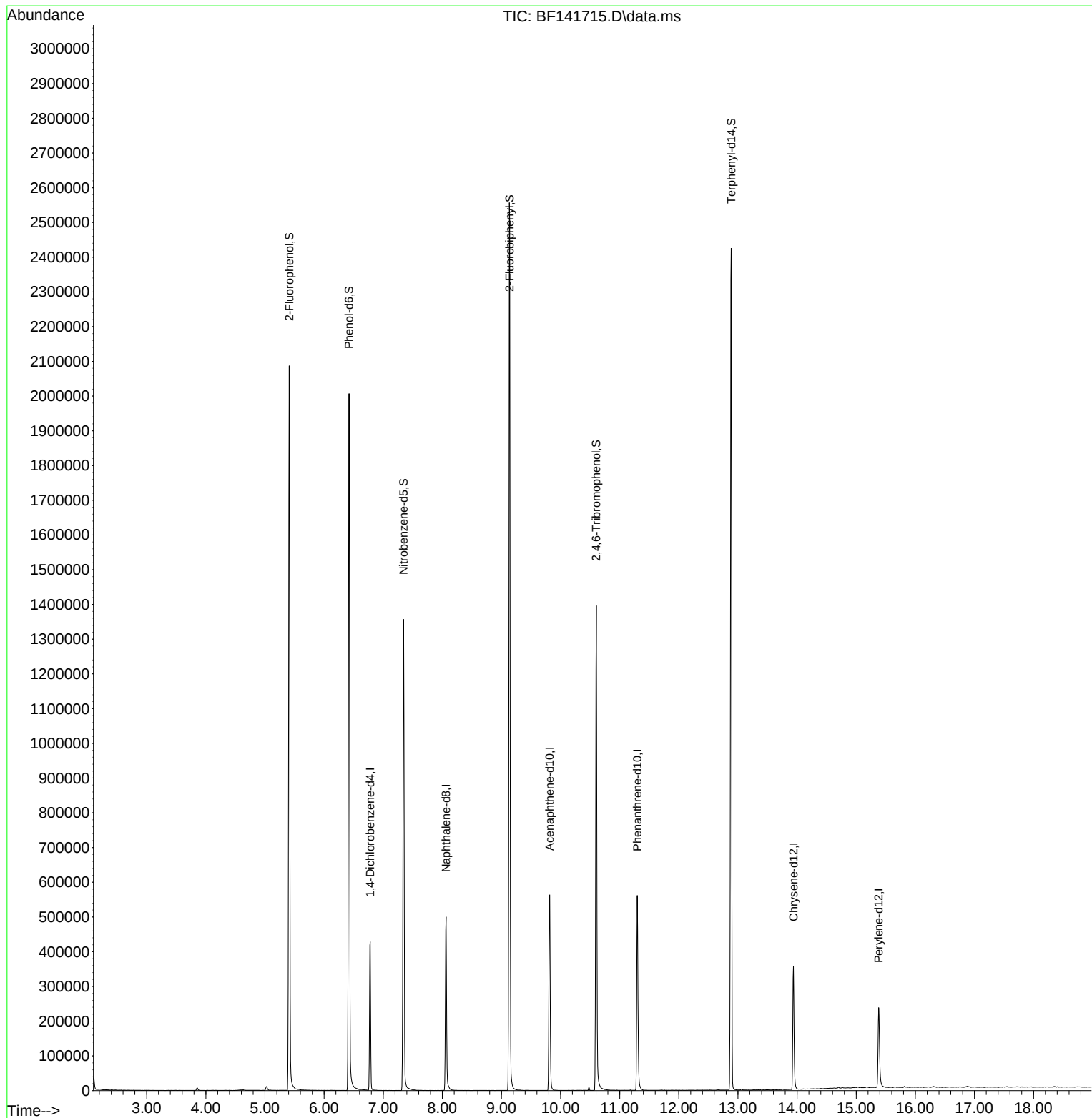
Target Compounds	Qvalue

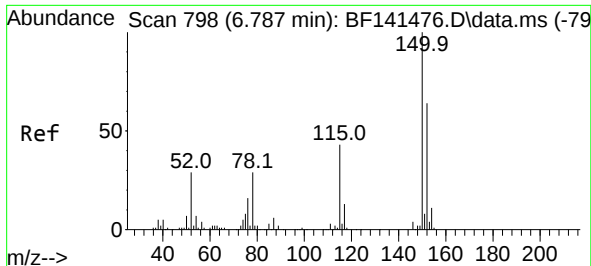
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
Data File : BF141715.D
Acq On : 21 Feb 2025 12:44
Operator : RC/JU
Sample : PB166796BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166796BL

Quant Time: Feb 21 13:05:04 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

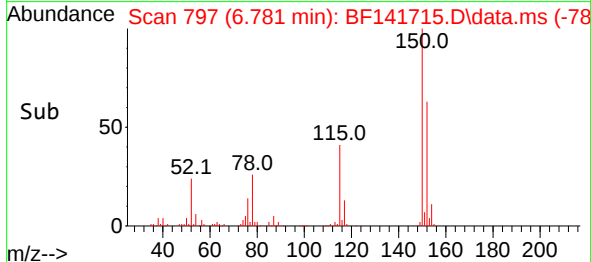
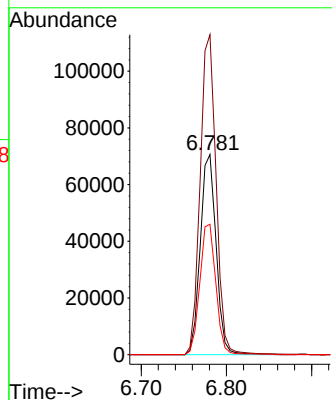
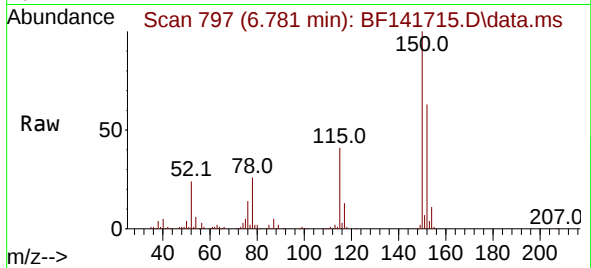




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

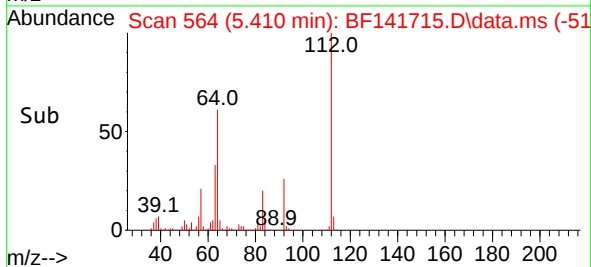
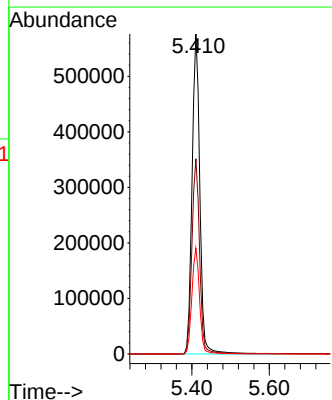
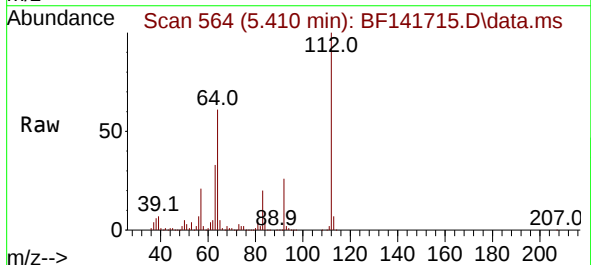
Instrument :
BNA_F
ClientSampleId :
PB166796BL

Tgt Ion:152 Resp: 91406
Ion Ratio Lower Upper
152 100
150 159.9 125.0 187.4
115 65.2 53.6 80.4



#5
2-Fluorophenol
Concen: 137.812 ng
RT: 5.410 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

Tgt Ion:112 Resp: 803503
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 33.1 28.4 42.6

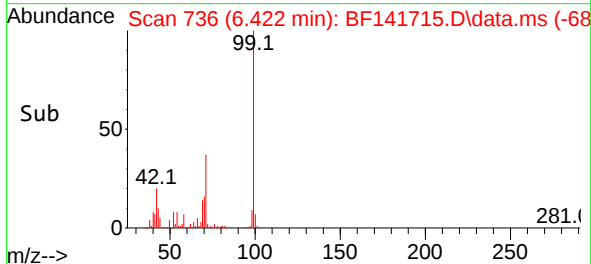
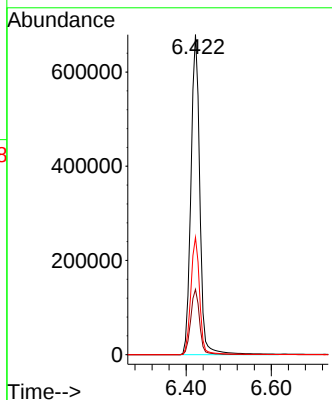
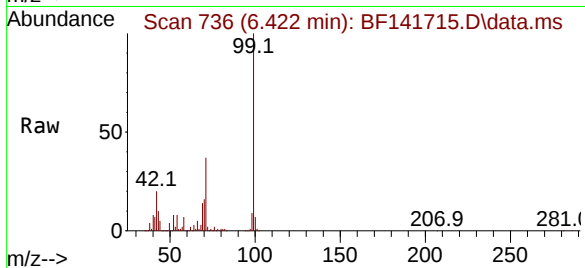




#7
Phenol-d6
Concen: 133.520 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141715.D
Acq: 21 Feb 2025 12:44

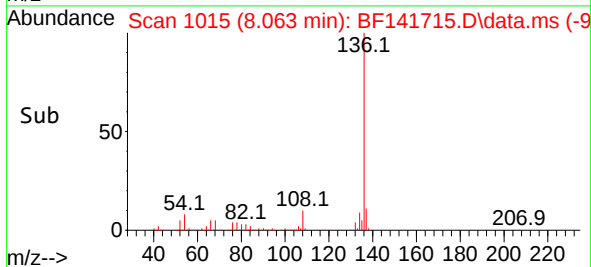
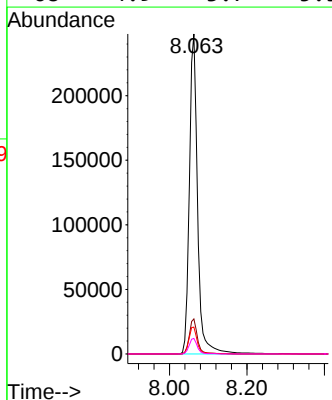
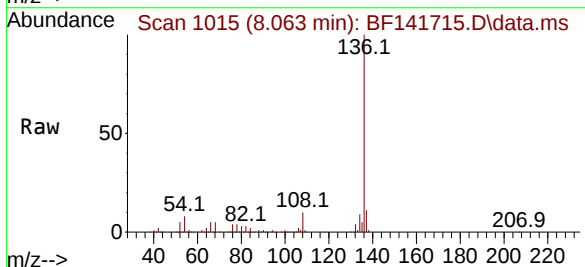
Instrument :
BNA_F
ClientSampleId :
PB166796BL

Tgt Ion: 99 Resp: 983929
Ion Ratio Lower Upper
99 100
42 20.4 19.1 28.7
71 36.7 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: BF141715.D
Acq: 21 Feb 2025 12:44

Tgt Ion: 136 Resp: 366629
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 7.2 10.8
68 4.9 3.7 5.5

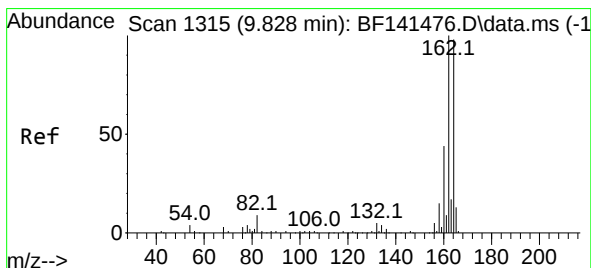
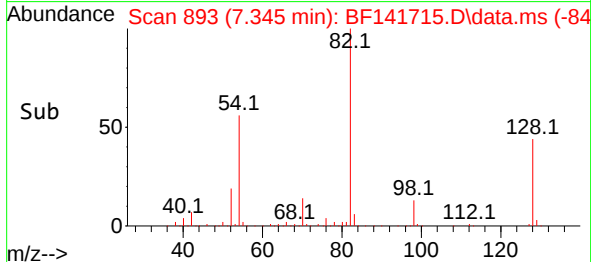
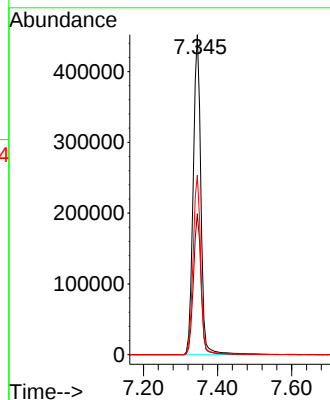
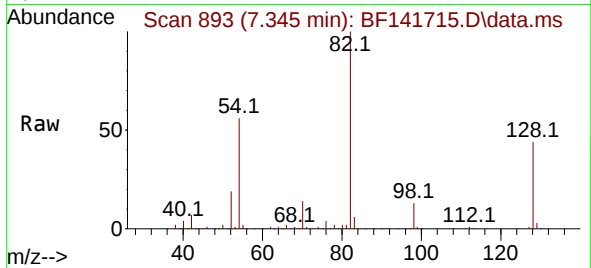




#23
 Nitrobenzene-d5
 Concen: 92.719 ng
 RT: 7.345 min Scan# 895
 Delta R.T. -0.018 min
 Lab File: BF141715.D
 Acq: 21 Feb 2025 12:44

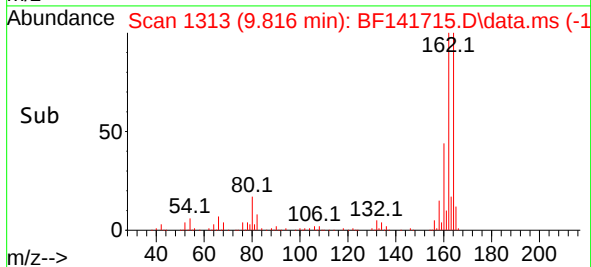
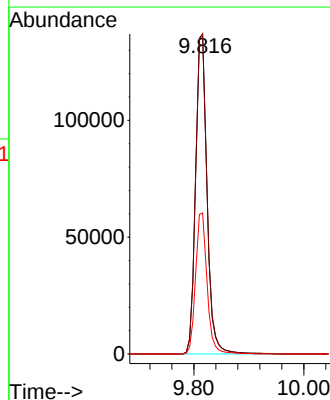
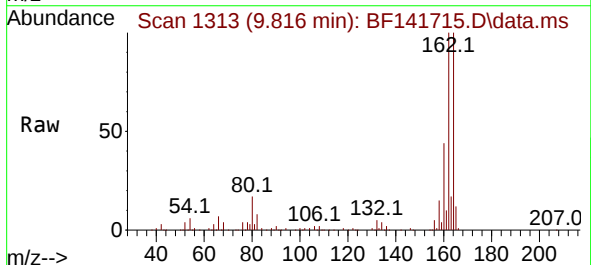
Instrument :
 BNA_F
 ClientSampleId :
 PB166796BL

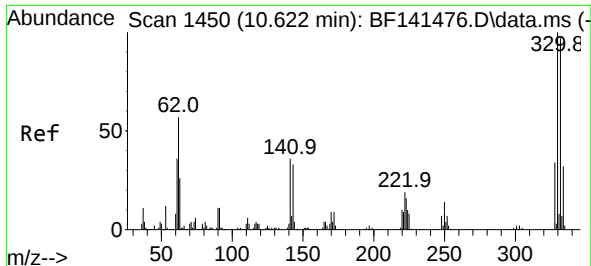
Tgt Ion: 82 Resp: 651738
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.8 52.2
 54 56.1 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1313
 Delta R.T. -0.018 min
 Lab File: BF141715.D
 Acq: 21 Feb 2025 12:44

Tgt Ion:164 Resp: 197465
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.3 121.9
 160 44.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 122.986 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141715.D

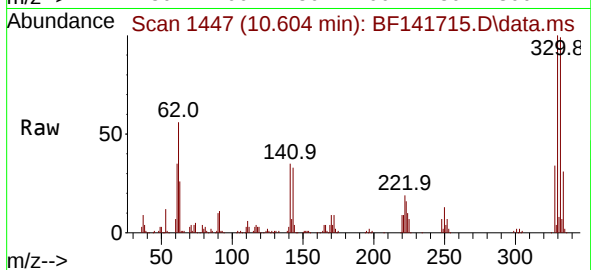
Acq: 21 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166796BL



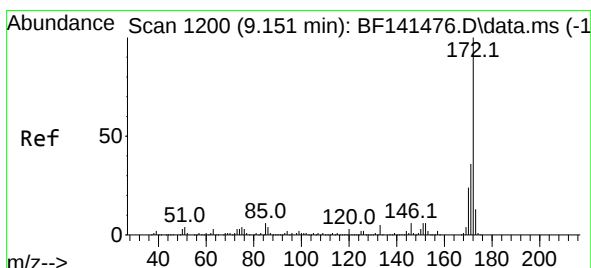
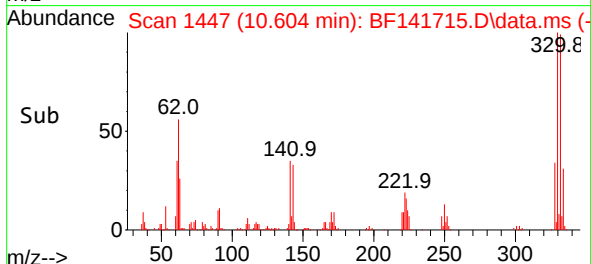
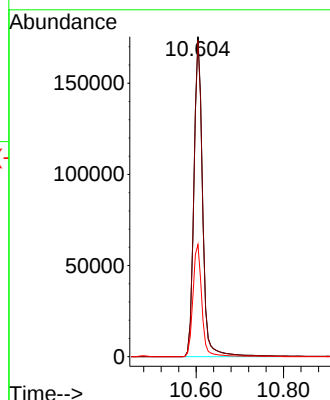
Tgt Ion:330 Resp: 243959

Ion Ratio Lower Upper

330 100

332 98.2 78.5 117.7

141 36.0 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 94.465 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF141715.D

Acq: 21 Feb 2025 12:44

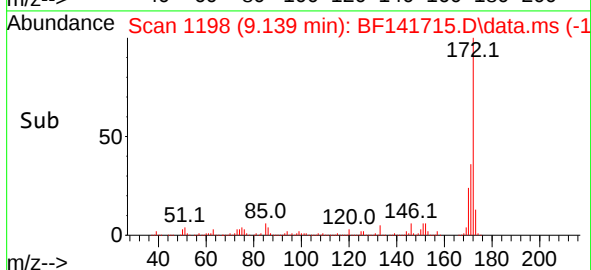
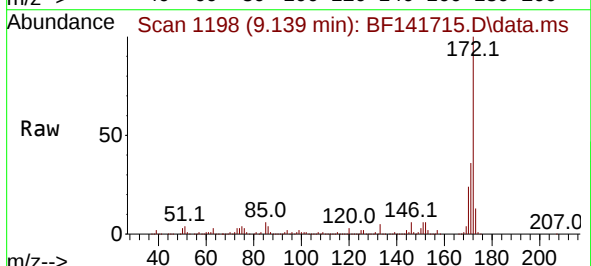
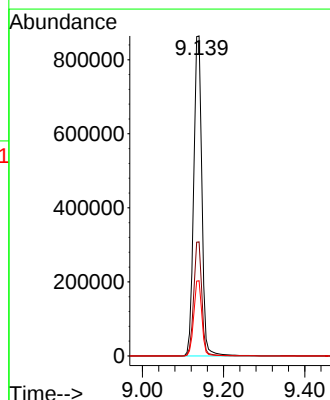
Tgt Ion:172 Resp: 1210763

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141715.D

Acq: 21 Feb 2025 12:44

Instrument :

BNA_F

ClientSampleId :

PB166796BL

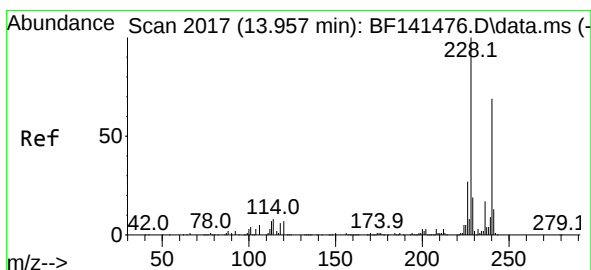
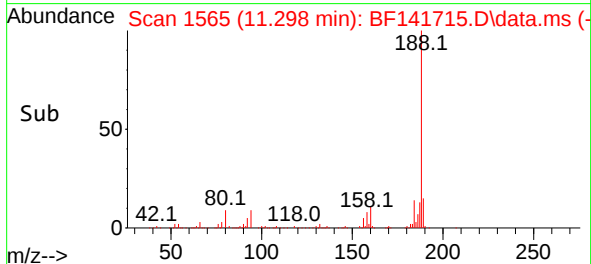
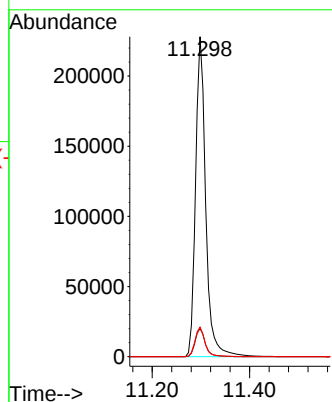
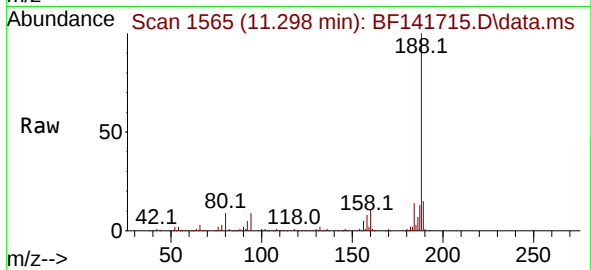
Tgt Ion:188 Resp: 331081

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.2 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.023 min

Lab File: BF141715.D

Acq: 21 Feb 2025 12:44

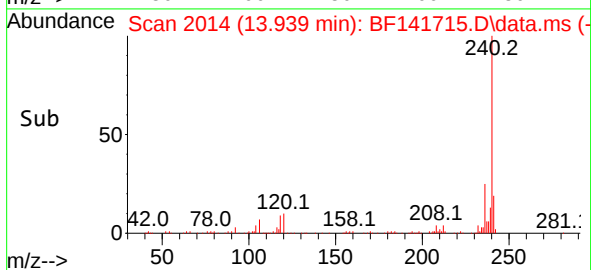
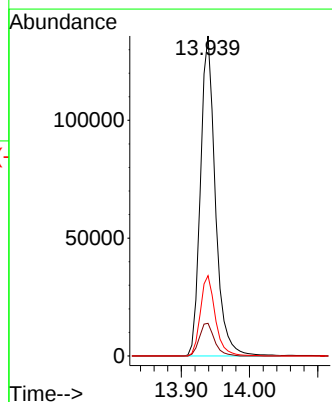
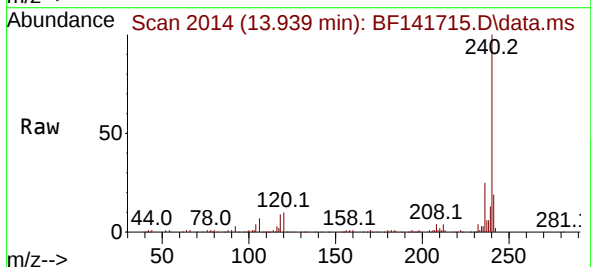
Tgt Ion:240 Resp: 205959

Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

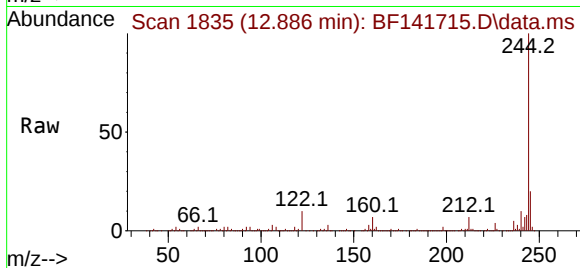
236 25.1 19.8 29.8



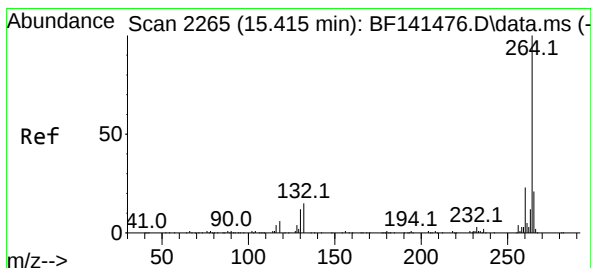
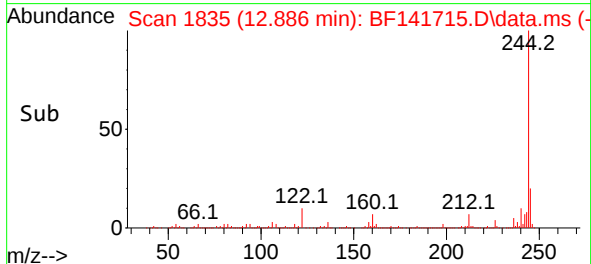
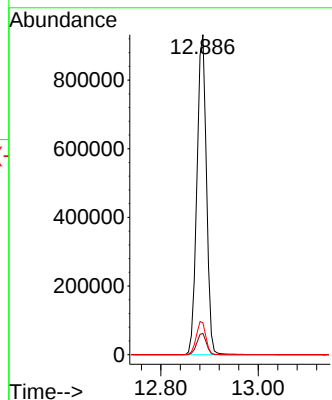


#79
 Terphenyl-d14
 Concen: 104.360 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF141715.D
 Acq: 21 Feb 2025 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB166796BL



Tgt Ion:244 Resp: 1273198
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.0 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: BF141715.D
 Acq: 21 Feb 2025 12:44

Tgt Ion:264 Resp: 164201
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.4 17.0 25.4

