

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141940.D
 Acq On : 13 Mar 2025 12:47
 Operator : RC/JU
 Sample : PB167097BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167097BL

Quant Time: Mar 13 13:06:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	176773	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	705846	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	407739	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	769835	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	601564	20.000	ng	-0.01
86) Perylene-d12	15.498	264	427331	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1423729	134.418	ng	0.01
7) Phenol-d6	6.498	99	1748591	129.663	ng	0.00
23) Nitrobenzene-d5	7.434	82	1170774	93.344	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	794330	153.562	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2412754	89.992	ng	-0.01
79) Terphenyl-d14	12.986	244	3551821	87.293	ng	0.00

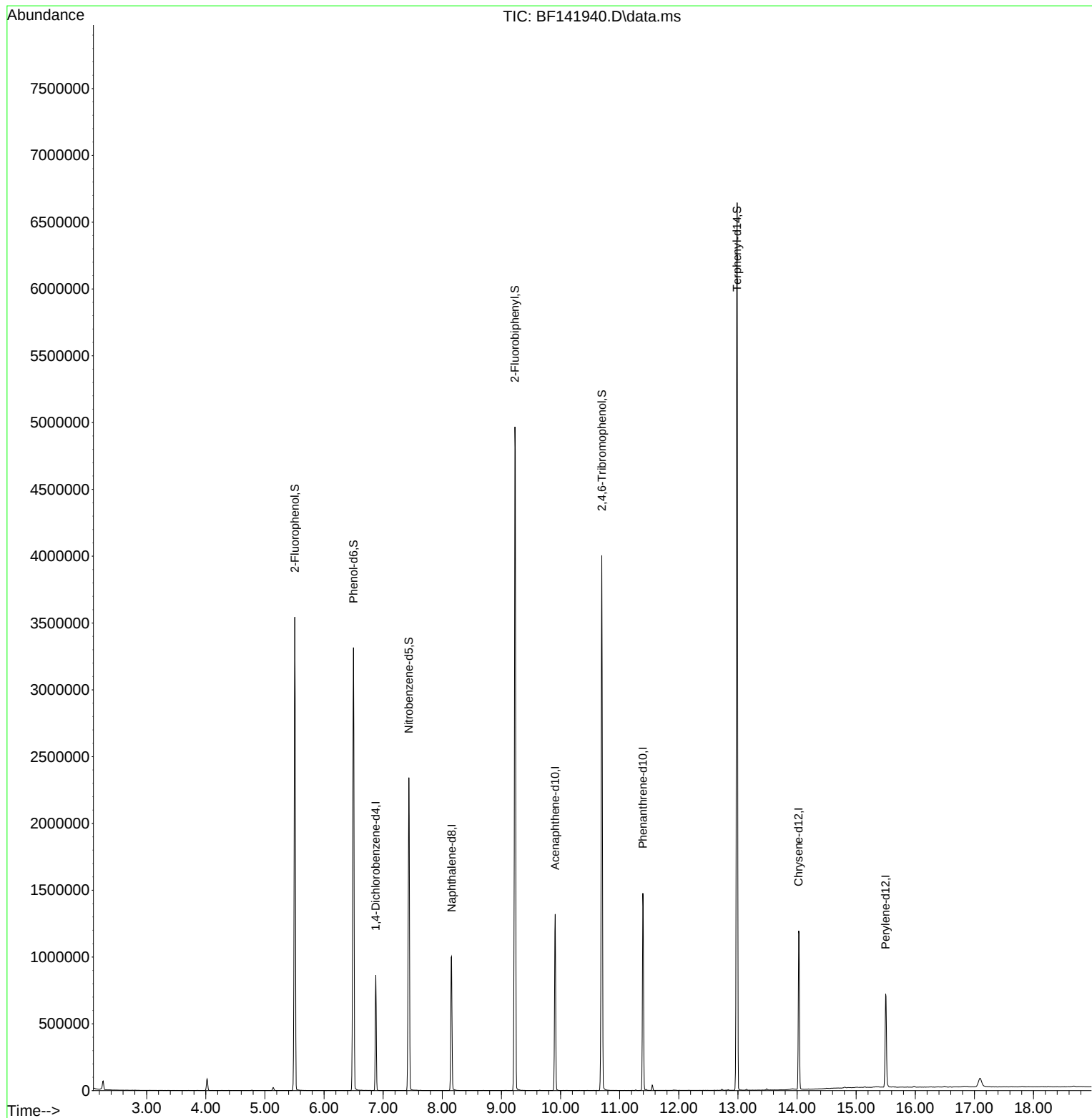
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141940.D
Acq On : 13 Mar 2025 12:47
Operator : RC/JU
Sample : PB167097BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167097BL

Quant Time: Mar 13 13:06:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

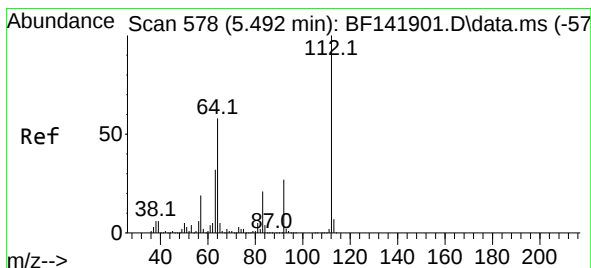
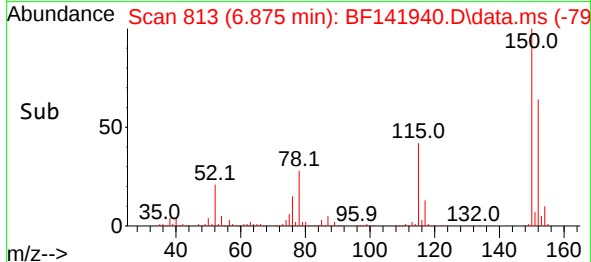
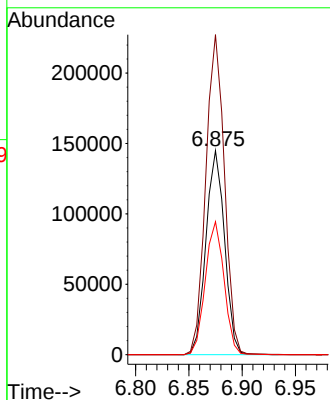
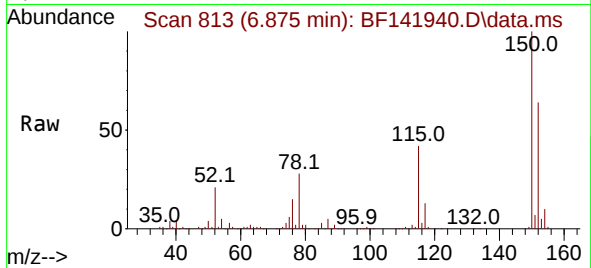




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

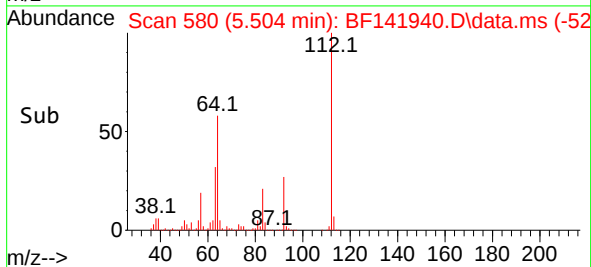
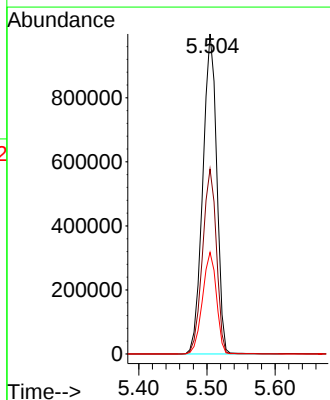
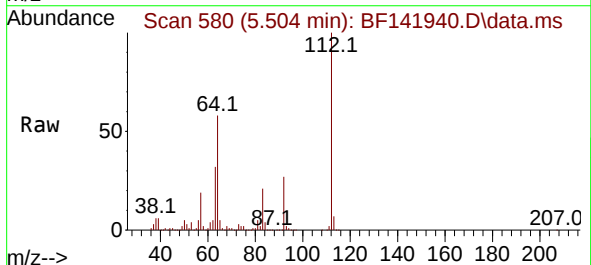
Instrument :
BNA_F
ClientSampleId :
PB167097BL

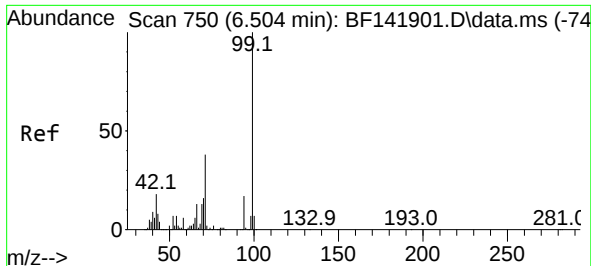
Tgt Ion:152 Resp: 176773
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.2
115 65.2 51.9 77.9



#5
2-Fluorophenol
Concen: 134.418 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

Tgt Ion:112 Resp: 1423729
Ion Ratio Lower Upper
112 100
64 57.8 46.5 69.7
63 31.8 25.4 38.2

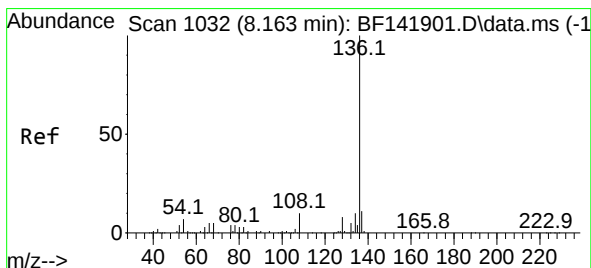
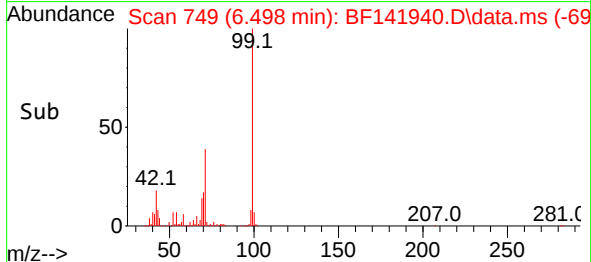
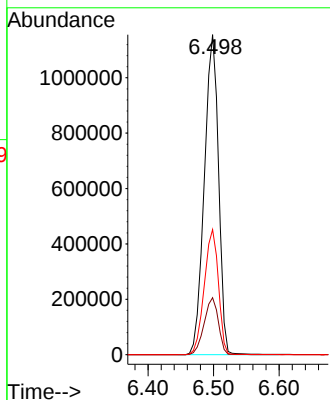
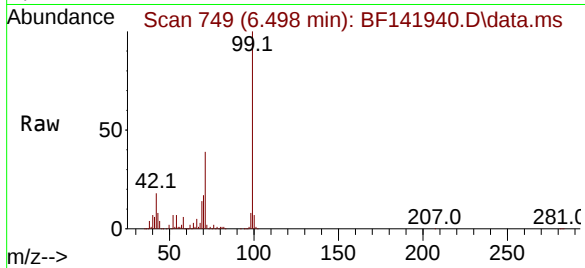




#7
Phenol-d6
Concen: 129.663 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

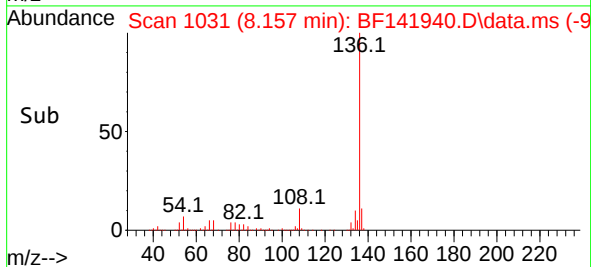
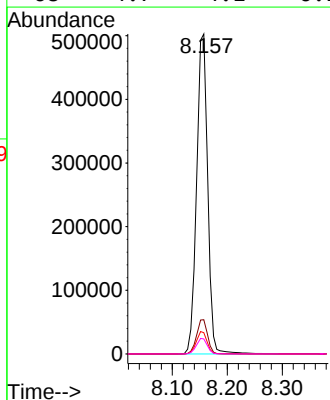
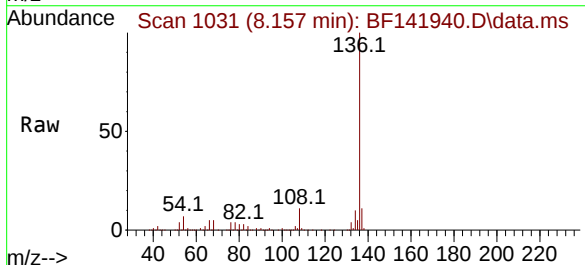
Instrument :
BNA_F
ClientSampleId :
PB167097BL

Tgt Ion: 99 Resp: 1748591
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 39.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

Tgt Ion:136 Resp: 705846
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.7 5.8 8.8
68 4.7 4.1 6.1

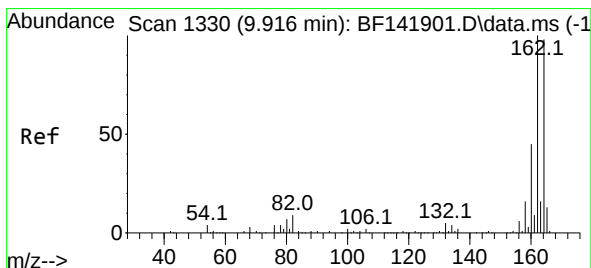
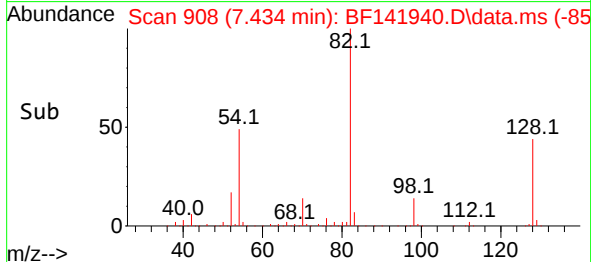
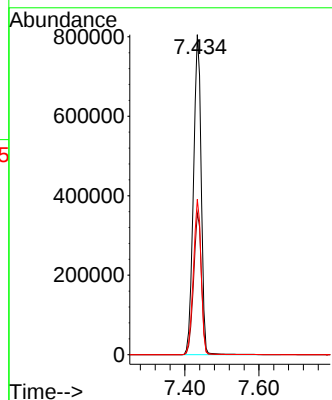
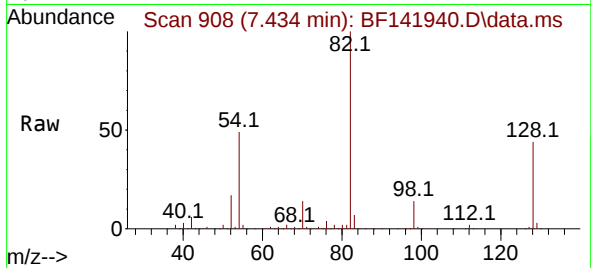




#23
Nitrobenzene-d5
Concen: 93.344 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

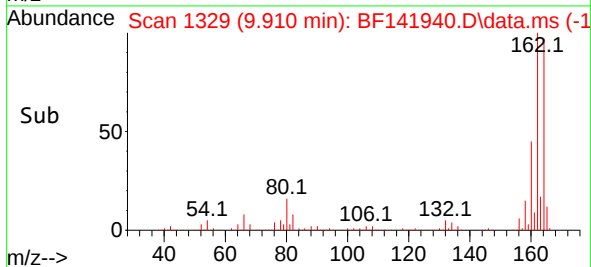
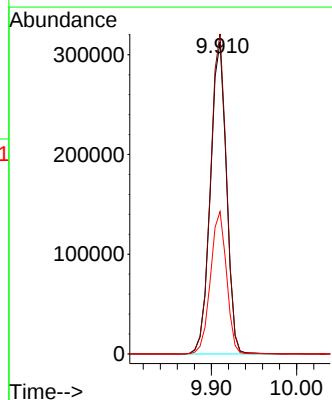
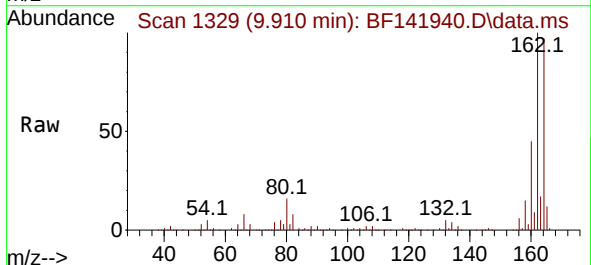
Instrument :
BNA_F
ClientSampleId :
PB167097BL

Tgt Ion: 82 Resp: 1170774
Ion Ratio Lower Upper
82 100
128 44.3 36.0 54.0
54 48.6 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

Tgt Ion:164 Resp: 407739
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 45.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 153.562 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141940.D

Acq: 13 Mar 2025 12:47

Instrument :

BNA_F

ClientSampleId :

PB167097BL

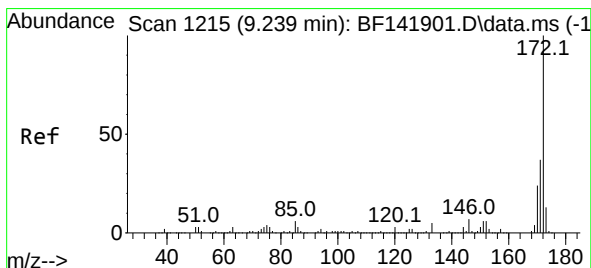
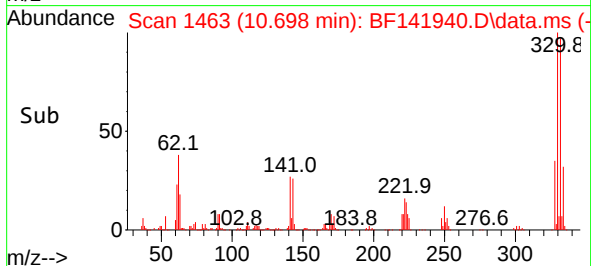
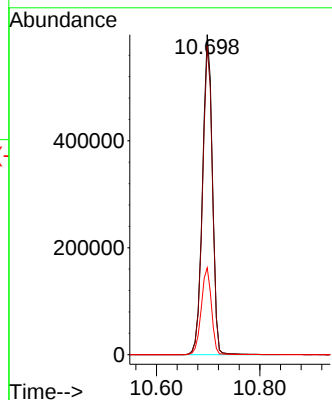
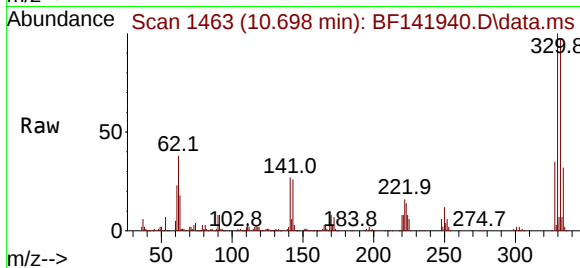
Tgt Ion:330 Resp: 794330

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

141 28.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 89.992 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF141940.D

Acq: 13 Mar 2025 12:47

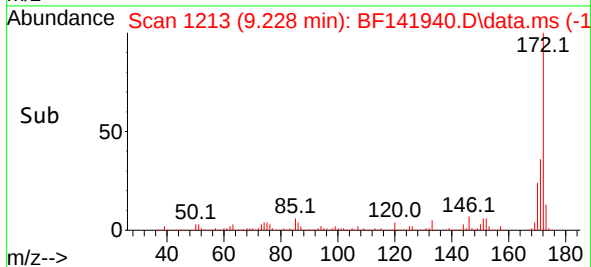
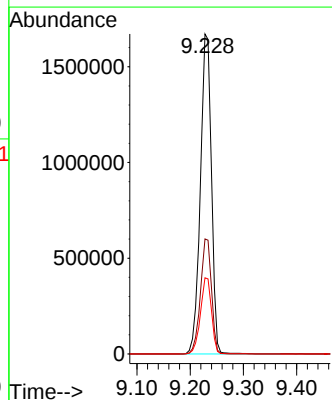
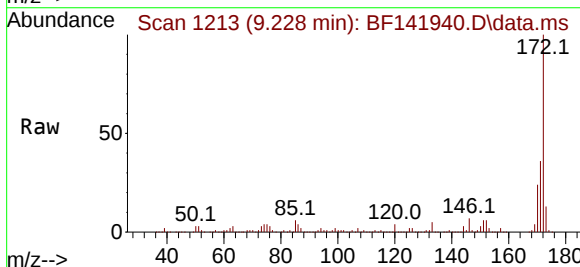
Tgt Ion:172 Resp: 2412754

Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.8 19.4 29.0

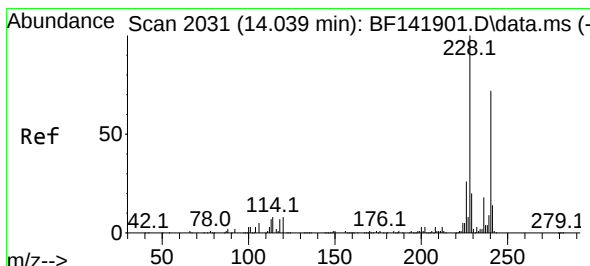
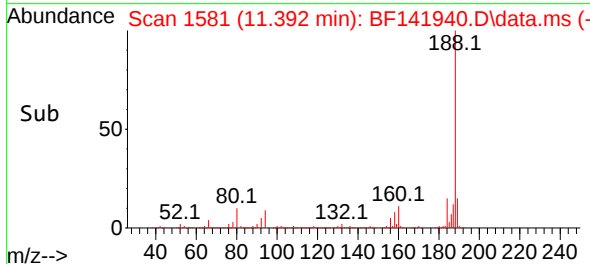
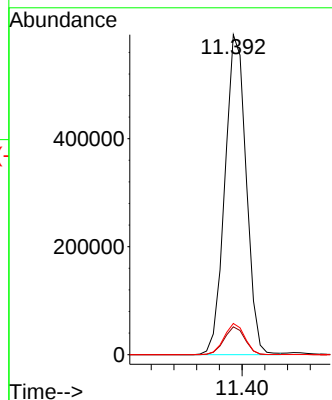
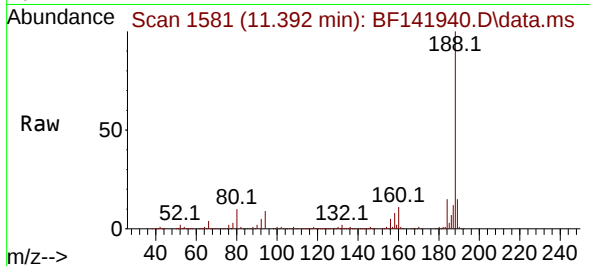




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

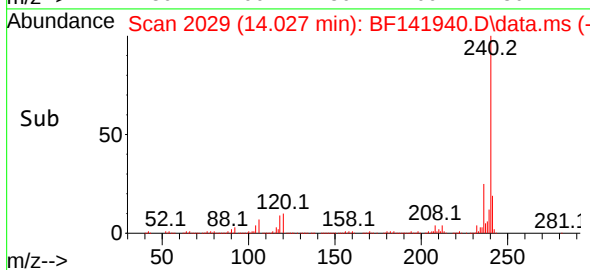
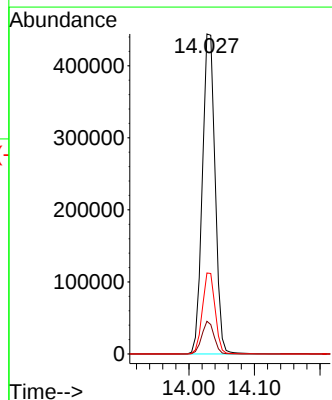
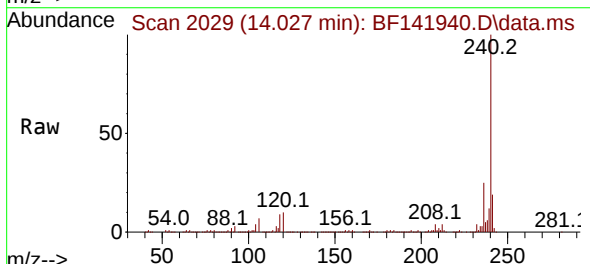
Instrument :
BNA_F
ClientSampleId :
PB167097BL

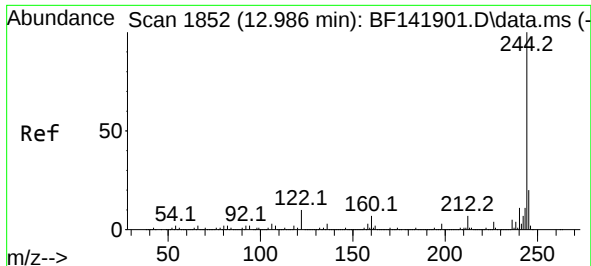
Tgt Ion:188 Resp: 769835
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF141940.D
Acq: 13 Mar 2025 12:47

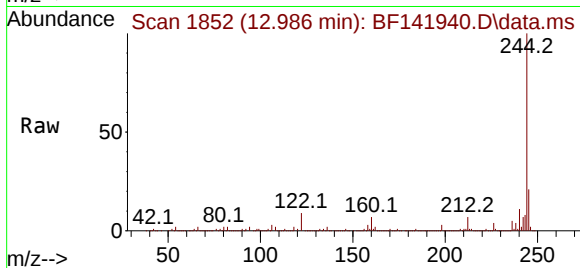
Tgt Ion:240 Resp: 601564
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.3 20.5 30.7



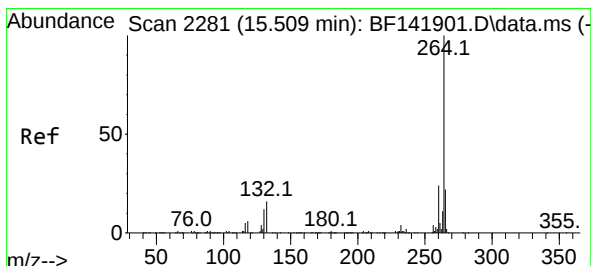
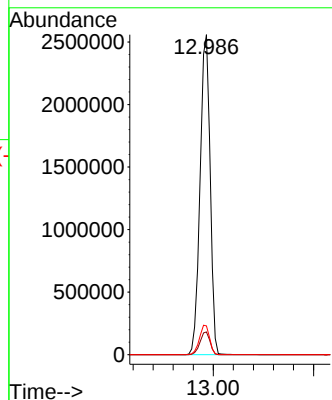
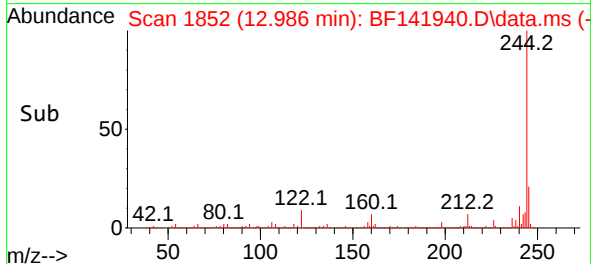


#79
 Terphenyl-d14
 Concen: 87.293 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF141940.D
 Acq: 13 Mar 2025 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB167097BL



Tgt Ion:244 Resp: 3551821
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF141940.D
 Acq: 13 Mar 2025 12:47

Tgt Ion:264 Resp: 427331
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.7 17.5 26.3

