

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142029.D
 Acq On : 21 Mar 2025 14:52
 Operator : RC/JU
 Sample : Q1619-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 21 15:14:16 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	138515	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	542201	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	295807	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	468378	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	287362	20.000	ng	0.00
86) Perylene-d12	15.504	264	314940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	738811	89.019	ng	0.00
7) Phenol-d6	6.492	99	978689	92.617	ng	-0.01
23) Nitrobenzene-d5	7.434	82	520846	54.059	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	295281	78.685	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1157136	59.491	ng	-0.01
79) Terphenyl-d14	12.980	244	1172553	60.327	ng	0.00

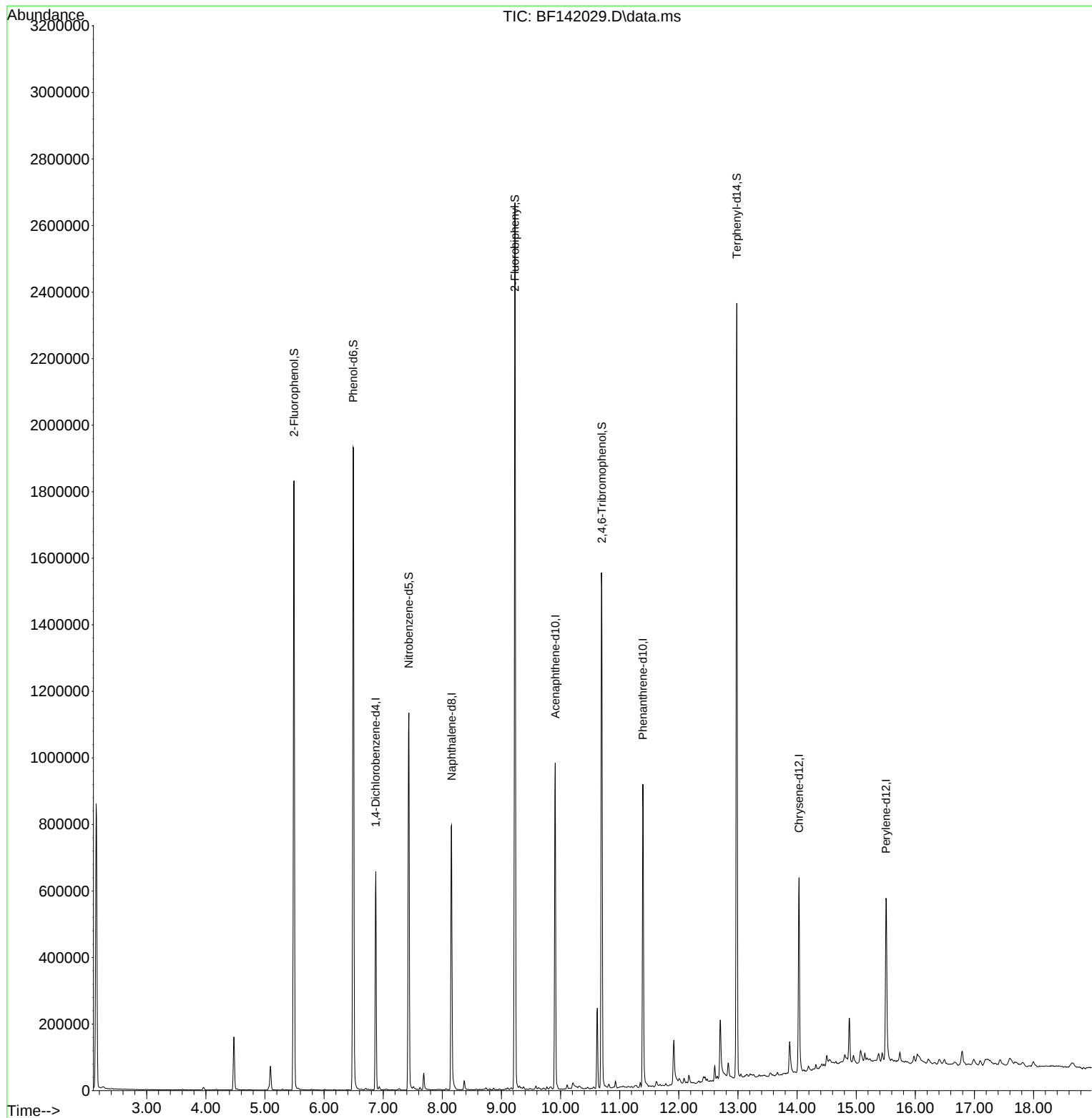
Target Compounds	Qvalue

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

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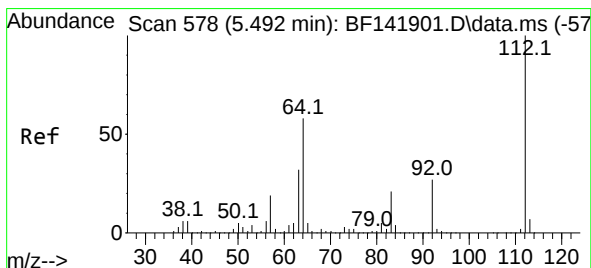
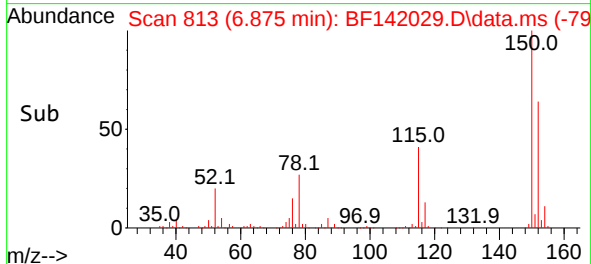
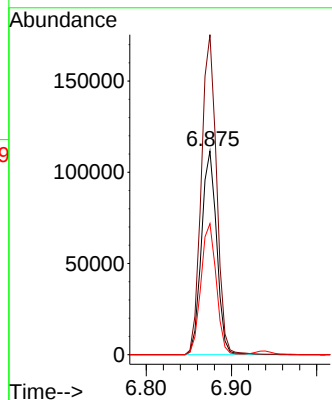
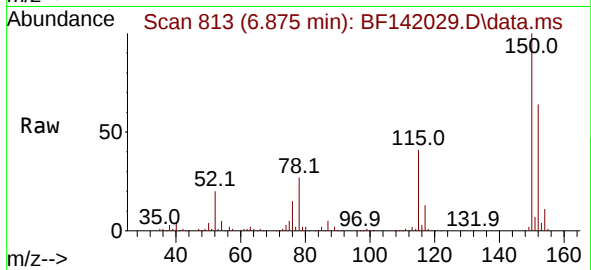




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

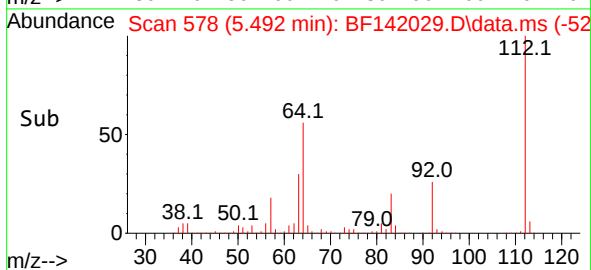
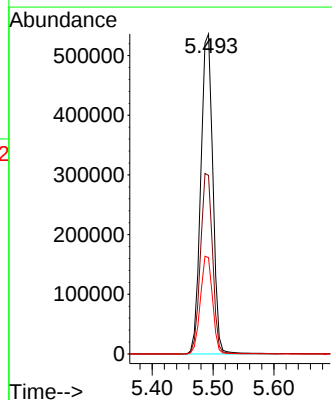
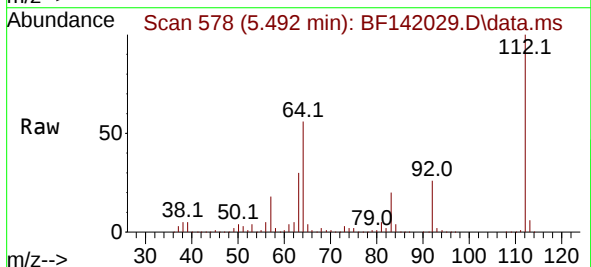
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 138515
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.2
115 64.4 51.9 77.9



#5
2-Fluorophenol
Concen: 89.019 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:112 Resp: 738811
Ion Ratio Lower Upper
112 100
64 55.8 46.5 69.7
63 30.1 25.4 38.2



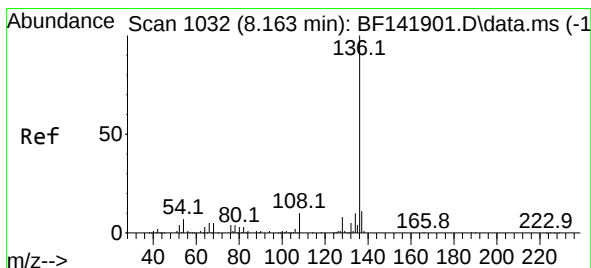
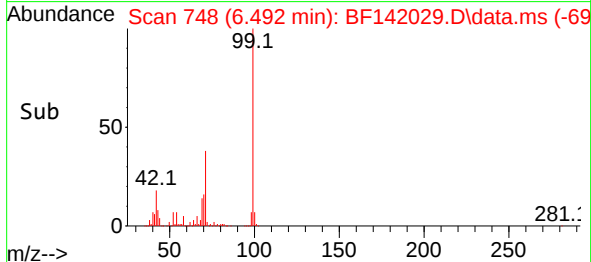
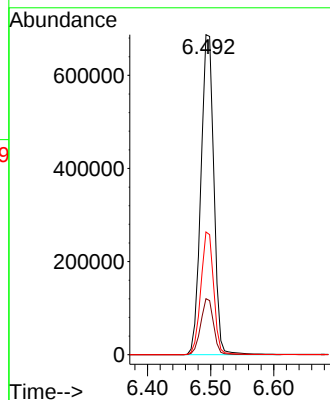
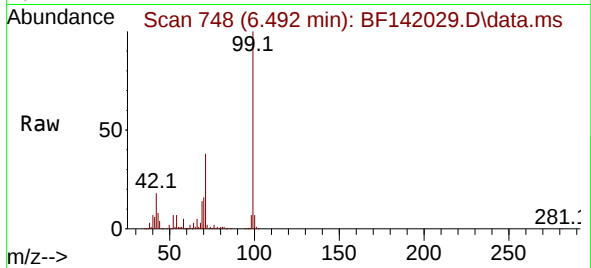


#7
Phenol-d6
Concen: 92.617 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 978689

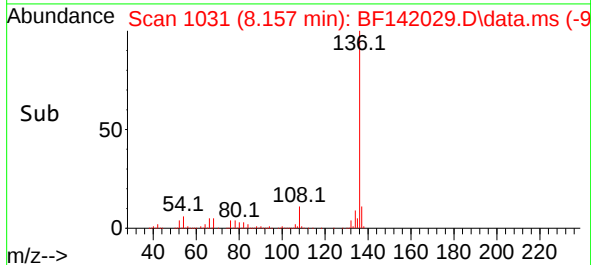
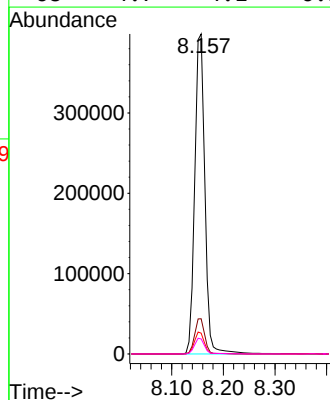
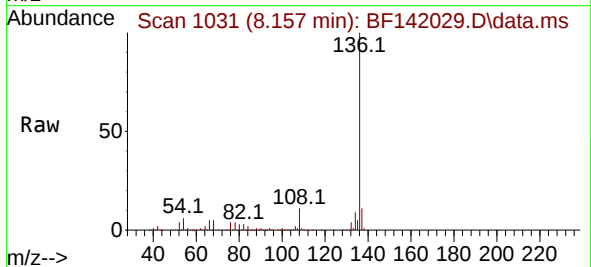
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	38.4	30.8	46.2

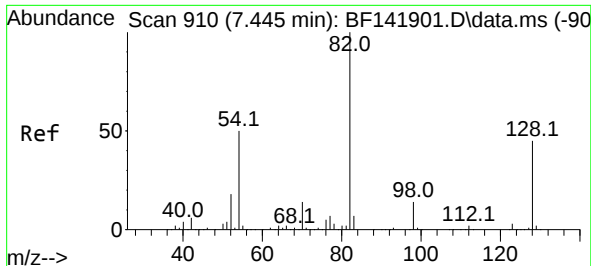


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion: 136 Resp: 542201

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.8	8.8
68	4.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 54.059 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142029.D

Acq: 21 Mar 2025 14:52

Instrument :

BNA_F

ClientSampleId :

TP-1

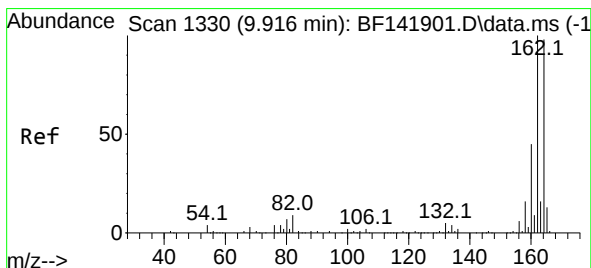
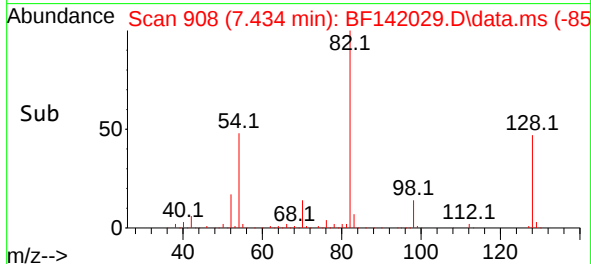
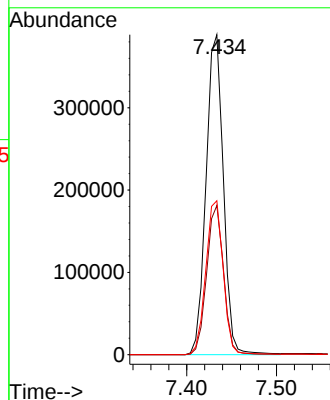
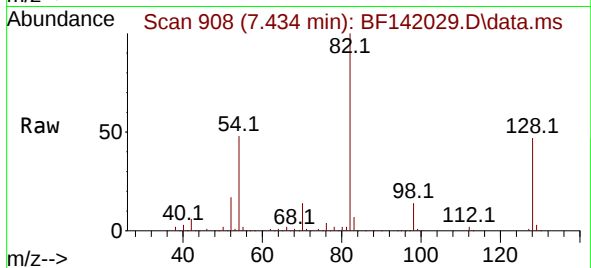
Tgt Ion: 82 Resp: 520846

Ion Ratio Lower Upper

82 100

128 46.6 36.0 54.0

54 48.1 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: BF142029.D

Acq: 21 Mar 2025 14:52

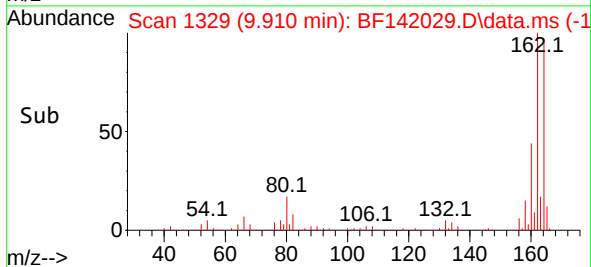
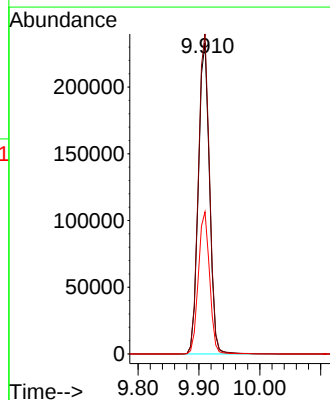
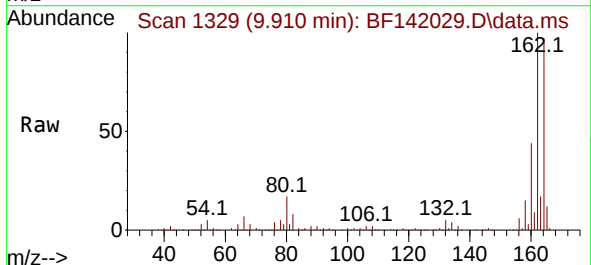
Tgt Ion:164 Resp: 295807

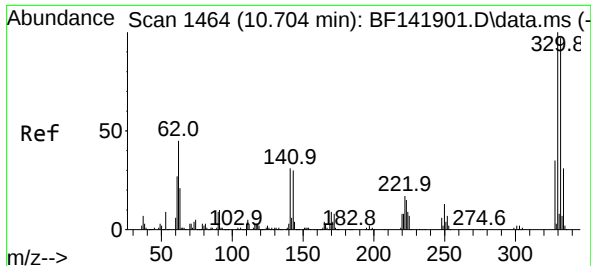
Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 78.685 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142029.D

Acq: 21 Mar 2025 14:52

Instrument :

BNA_F

ClientSampleId :

TP-1

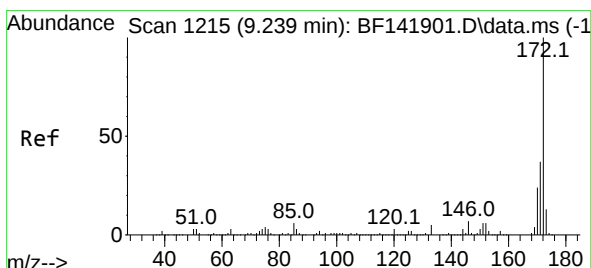
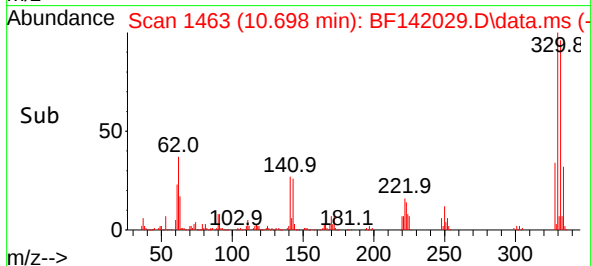
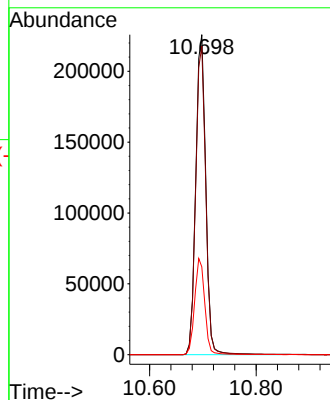
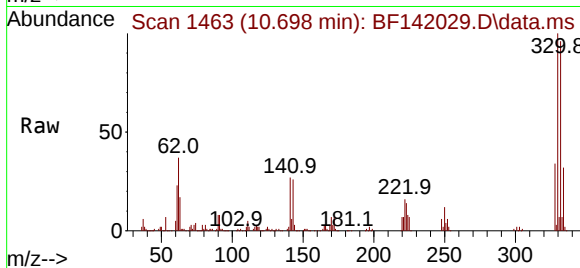
Tgt Ion:330 Resp: 295281

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 30.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 59.491 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142029.D

Acq: 21 Mar 2025 14:52

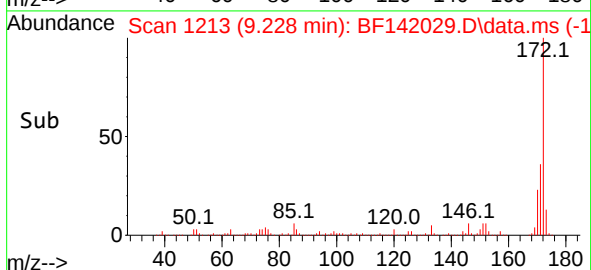
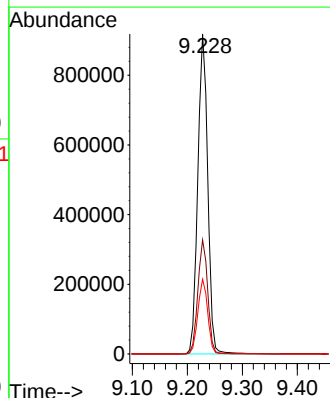
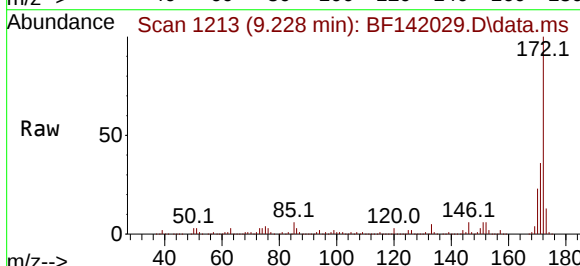
Tgt Ion:172 Resp: 1157136

Ion Ratio Lower Upper

172 100

171 35.6 29.3 43.9

170 23.3 19.4 29.0

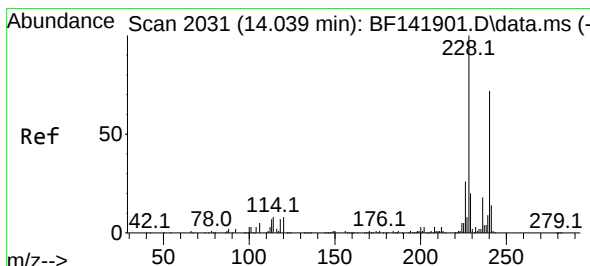
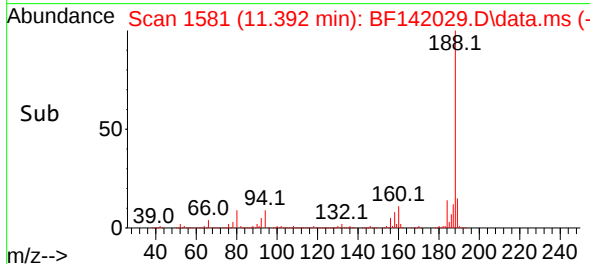
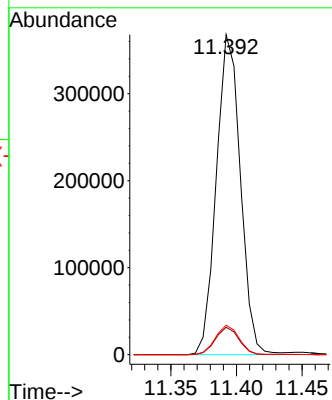
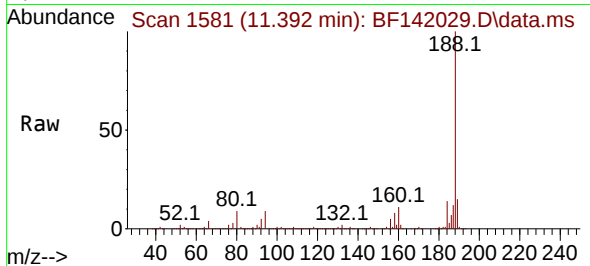




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

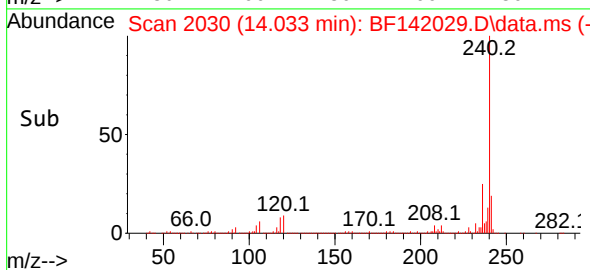
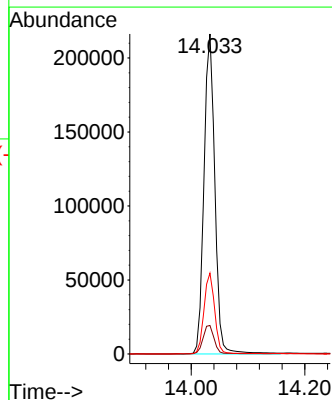
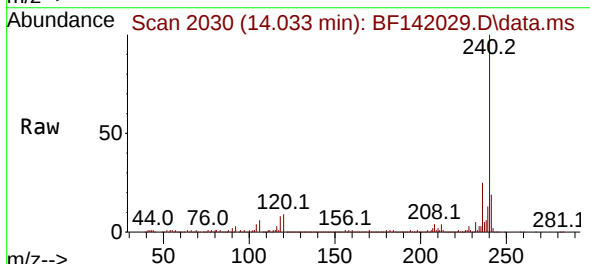
Instrument :
BNA_F
ClientSampleId :
TP-1

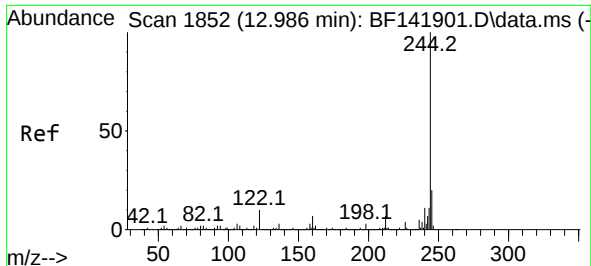
Tgt Ion:188 Resp: 468378
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142029.D
Acq: 21 Mar 2025 14:52

Tgt Ion:240 Resp: 287362
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.2 20.5 30.7

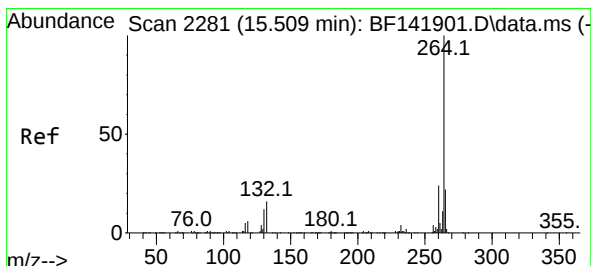
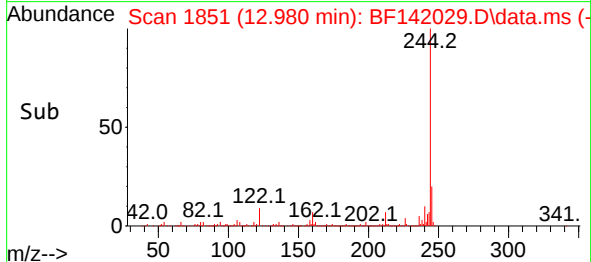
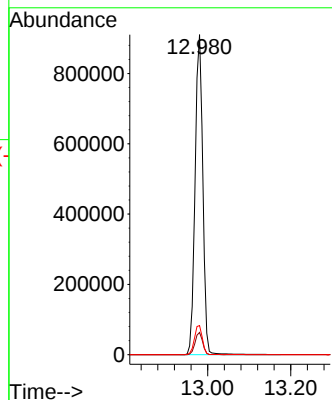
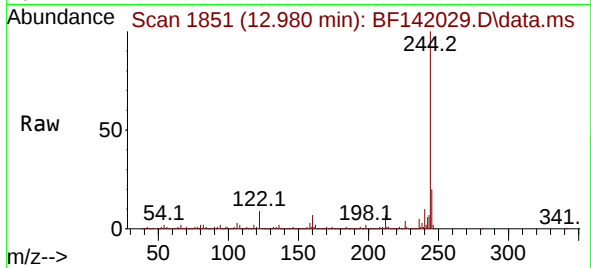




#79
 Terphenyl-d14
 Concen: 60.327 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142029.D
 Acq: 21 Mar 2025 14:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1172553
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142029.D
 Acq: 21 Mar 2025 14:52

Tgt Ion:264 Resp: 314940
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.8 17.5 26.3

