

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142046.D
 Acq On : 24 Mar 2025 10:47
 Operator : RC/JU
 Sample : PB167228BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167228BL

Quant Time: Mar 24 11:28:02 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	166410	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	653965	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	370641	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	667172	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	367647	20.000	ng	0.00
86) Perylene-d12	15.510	264	274069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1324023	132.789	ng	0.01
7) Phenol-d6	6.498	99	1604475	126.385	ng	0.00
23) Nitrobenzene-d5	7.434	82	1086319	93.481	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	694607	147.724	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2265399	92.954	ng	-0.01
79) Terphenyl-d14	12.980	244	2848172	114.536	ng	0.00

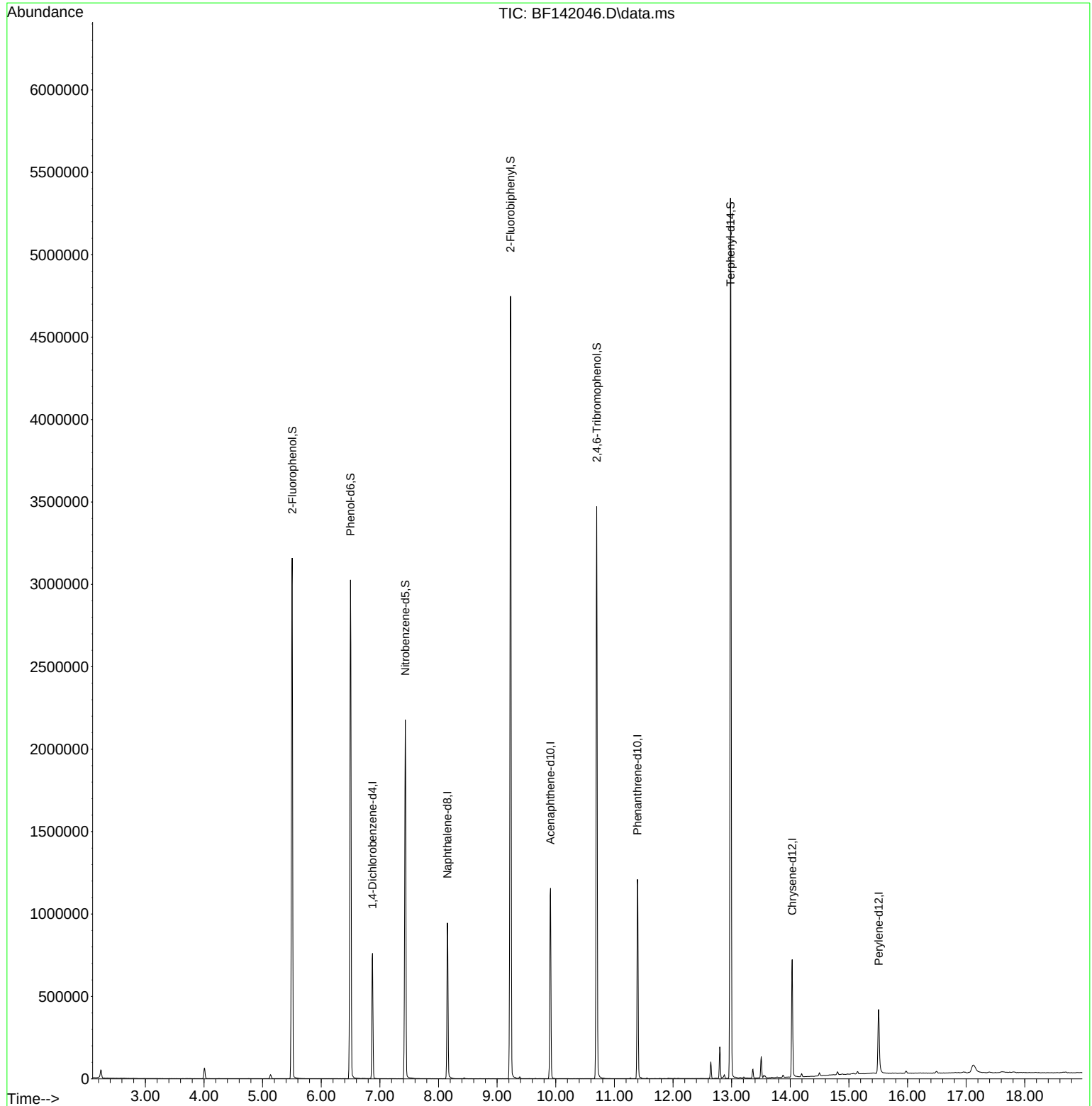
Target Compounds Qvalue

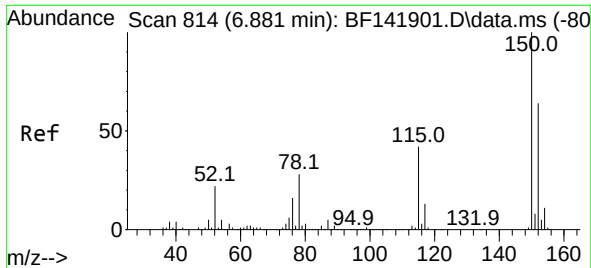
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
Data File : BF142046.D
Acq On : 24 Mar 2025 10:47
Operator : RC/JU
Sample : PB167228BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167228BL

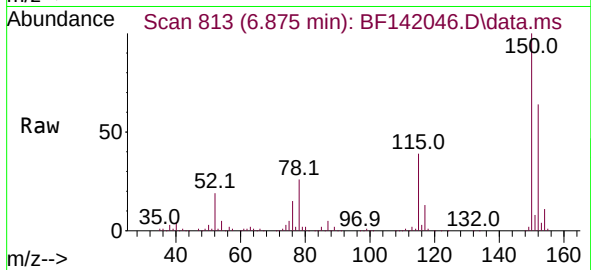
Quant Time: Mar 24 11:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration



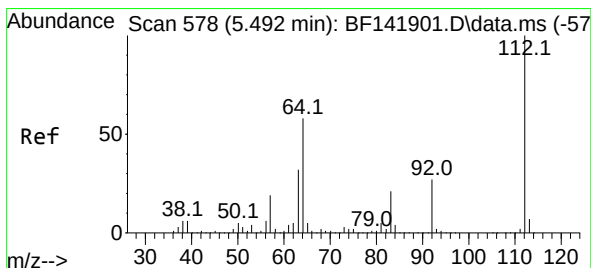
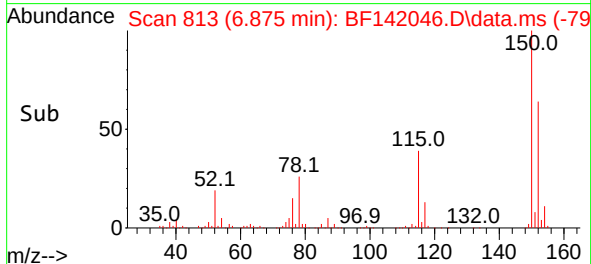
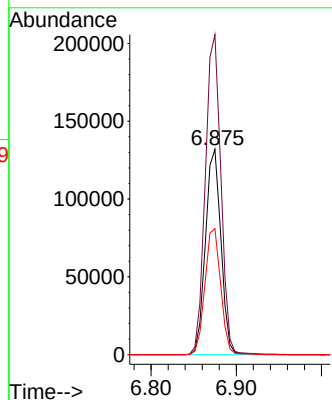


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Instrument :
BNA_F
ClientSampleId :
PB167228BL

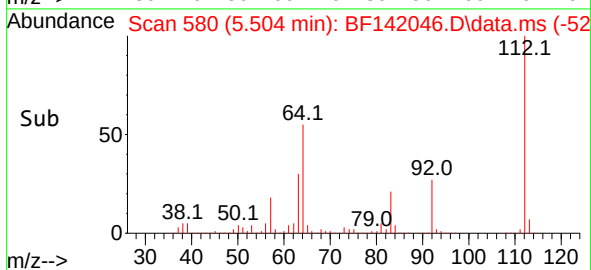
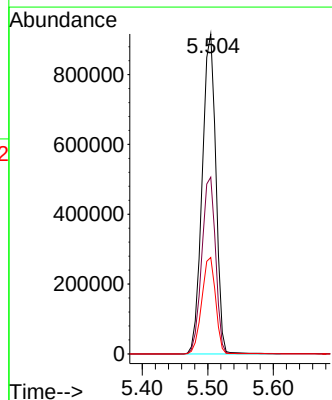
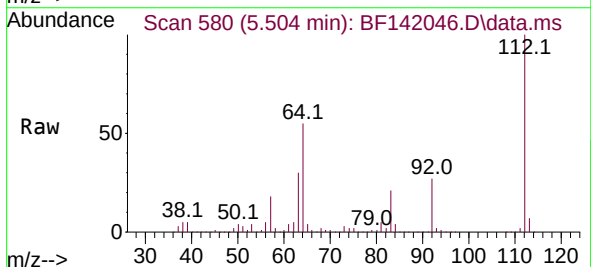


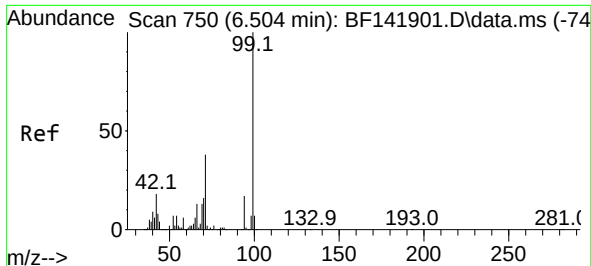
Tgt Ion:152 Resp: 166410
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.2
115 61.4 51.9 77.9



#5
2-Fluorophenol
Concen: 132.789 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

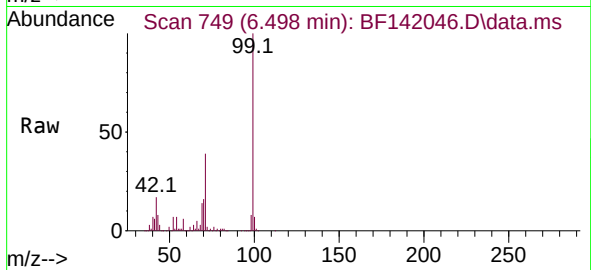
Tgt Ion:112 Resp: 1324023
Ion Ratio Lower Upper
112 100
64 55.2 46.5 69.7
63 30.1 25.4 38.2





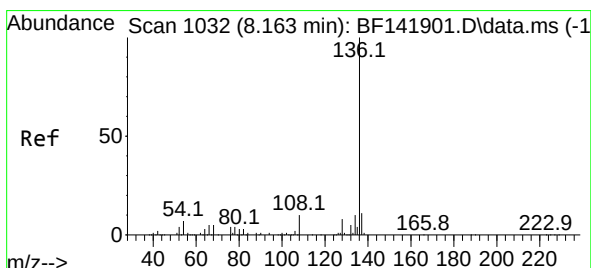
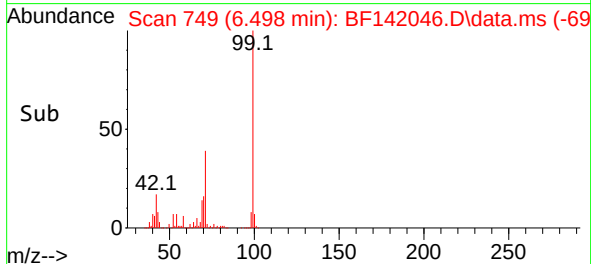
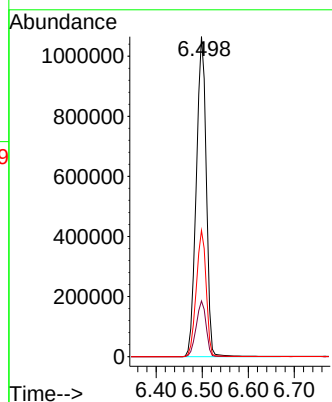
#7
Phenol-d6
Concen: 126.385 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Instrument :
BNA_F
ClientSampleId :
PB167228BL



Tgt Ion: 99 Resp: 1604475

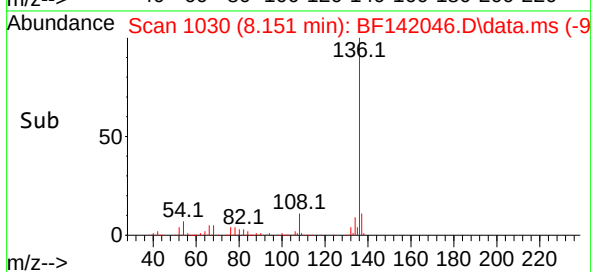
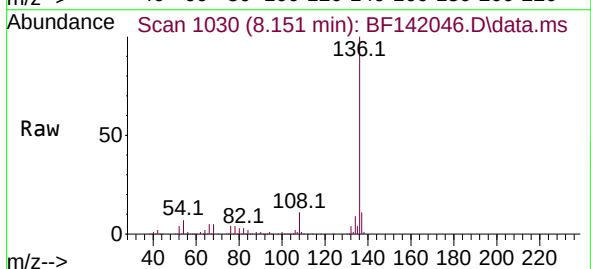
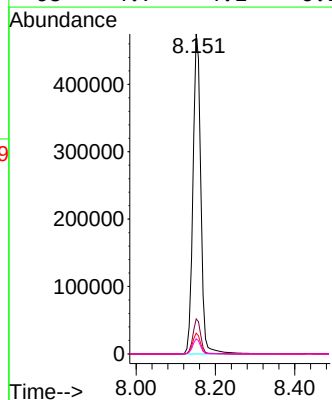
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.6	21.8
71	39.4	30.8	46.2

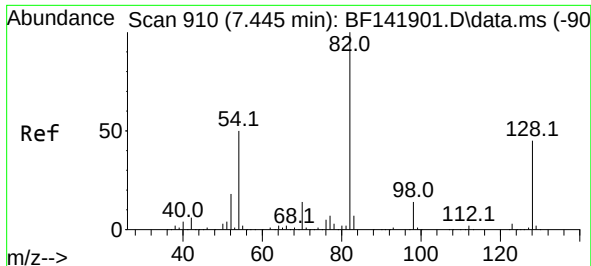


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Tgt Ion:136 Resp: 653965

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.5	5.8	8.8
68	4.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 93.481 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

Instrument :

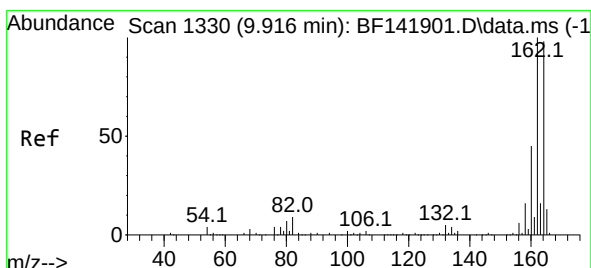
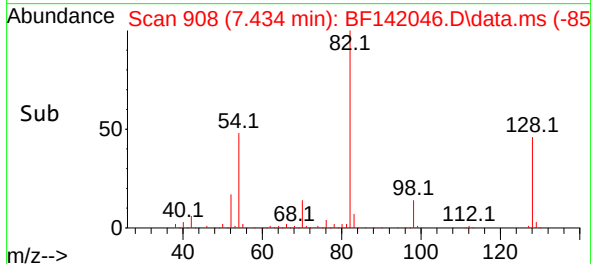
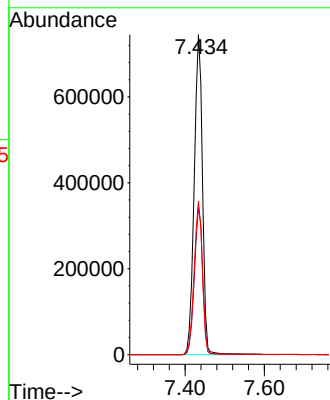
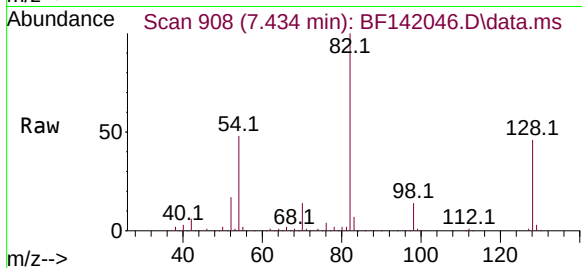
BNA_F

ClientSampleId :

PB167228BL

Tgt Ion: 82 Resp: 1086319

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.0	54.0
54	47.9	39.6	59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

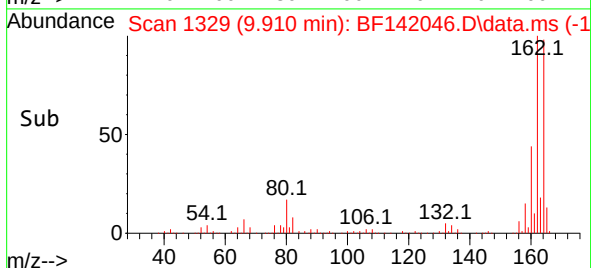
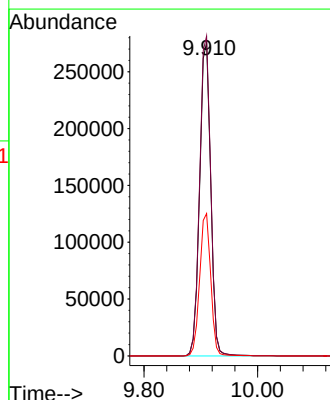
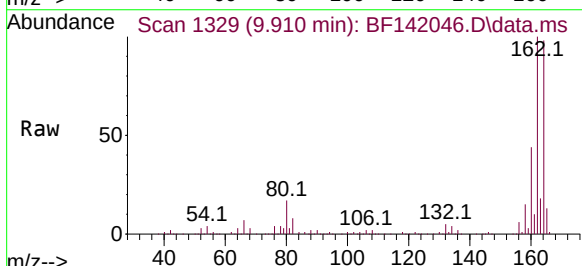
Delta R.T. -0.006 min

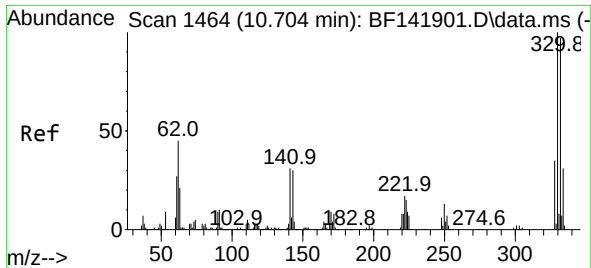
Lab File: BF142046.D

Acq: 24 Mar 2025 10:47

Tgt Ion:164 Resp: 370641

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	45.4	36.7	55.1

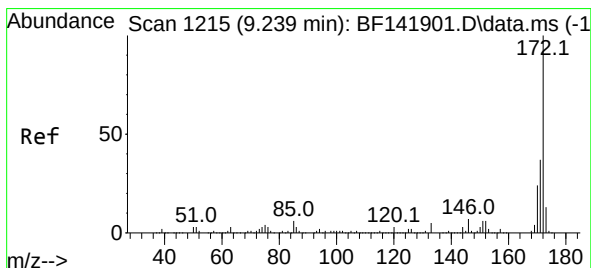
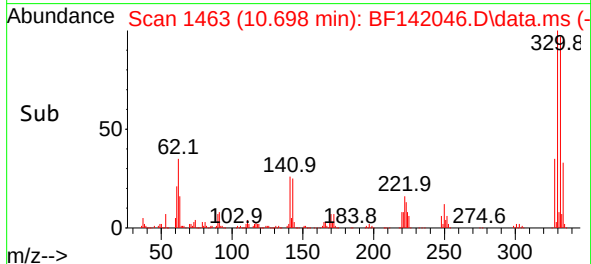
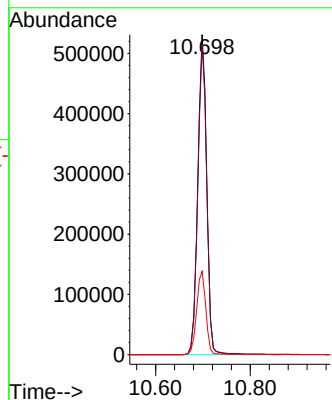
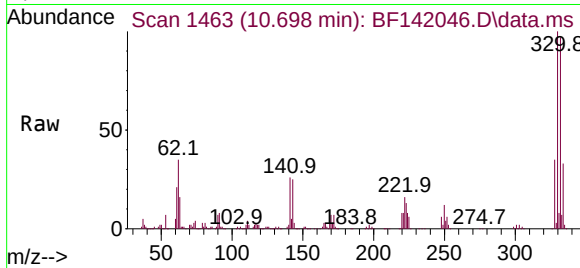




#42
 2,4,6-Tribromophenol
 Concen: 147.724 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142046.D
 Acq: 24 Mar 2025 10:47

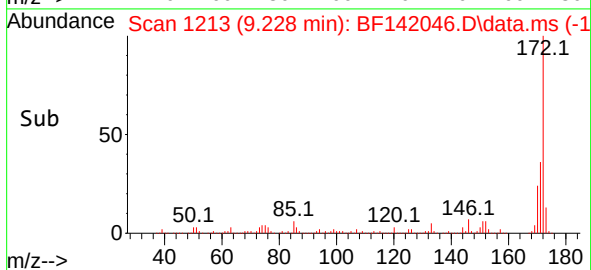
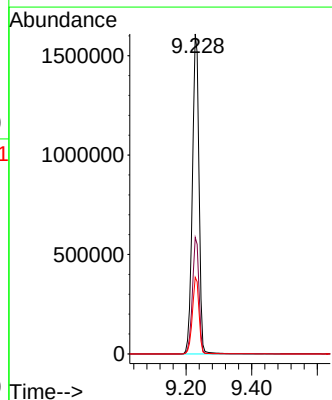
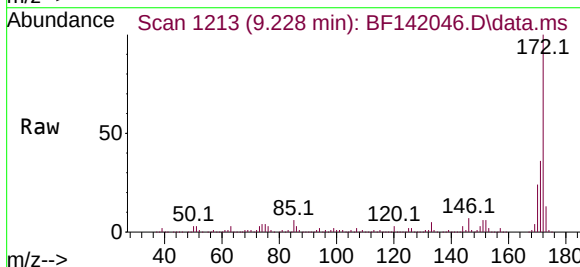
Instrument :
 BNA_F
 ClientSampleId :
 PB167228BL

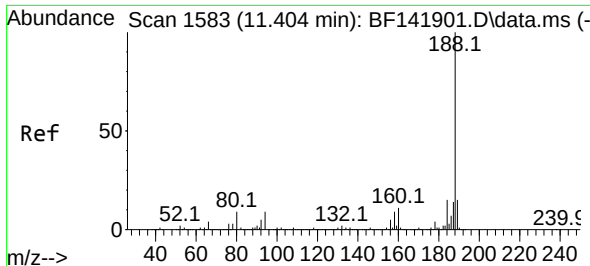
Tgt Ion:330 Resp: 694607
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.6 116.4
 141 26.8 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 92.954 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142046.D
 Acq: 24 Mar 2025 10:47

Tgt Ion:172 Resp: 2265399
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 23.9 19.4 29.0

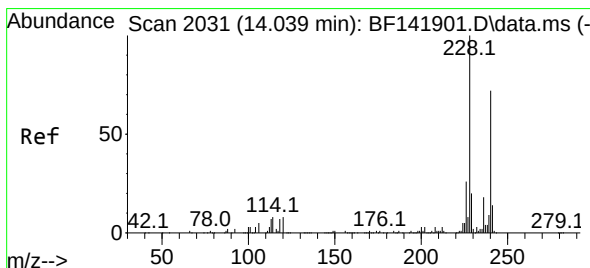
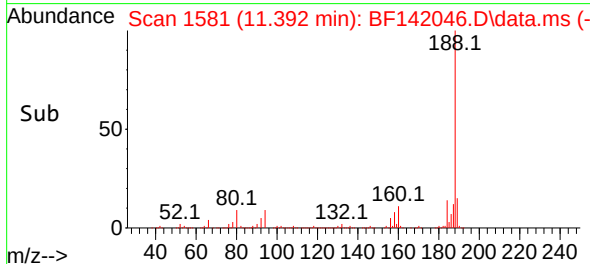
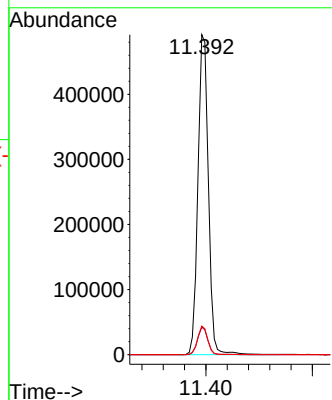
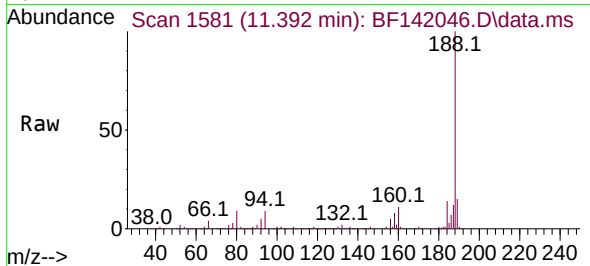




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

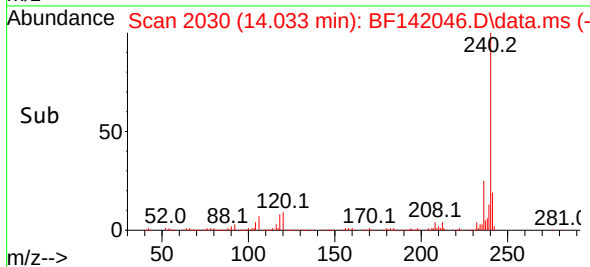
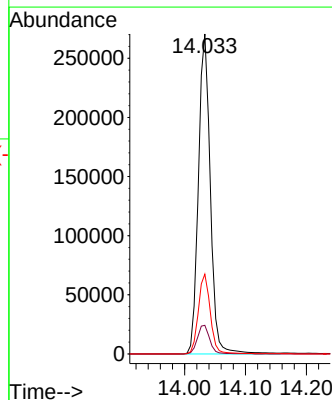
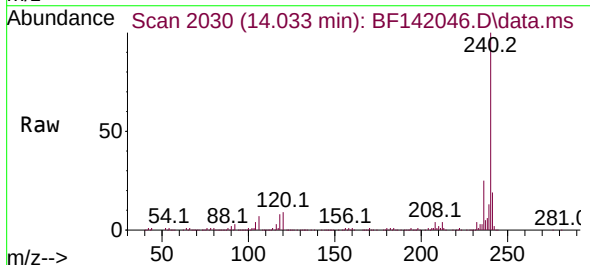
Instrument :
BNA_F
ClientSampleId :
PB167228BL

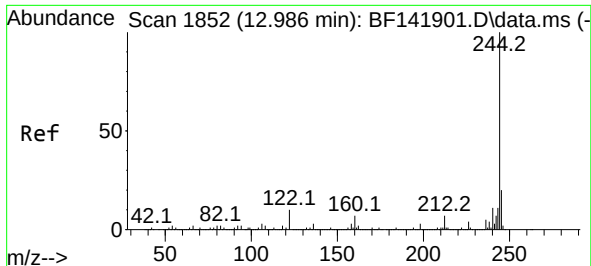
Tgt Ion:188 Resp: 667172
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 8.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142046.D
Acq: 24 Mar 2025 10:47

Tgt Ion:240 Resp: 367647
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 24.9 20.5 30.7

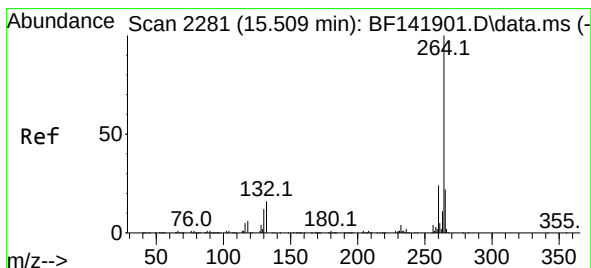
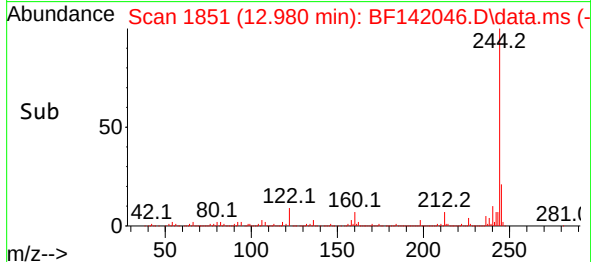
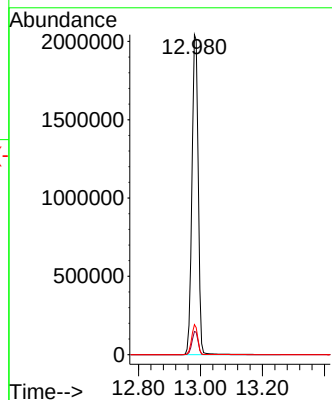
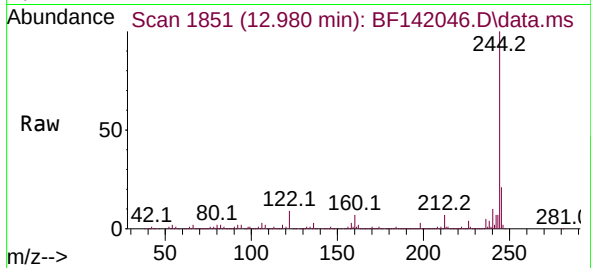




#79
 Terphenyl-d14
 Concen: 114.536 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142046.D
 Acq: 24 Mar 2025 10:47

Instrument :
 BNA_F
 ClientSampleId :
 PB167228BL

Tgt Ion:244 Resp: 2848172
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.4 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142046.D
 Acq: 24 Mar 2025 10:47

Tgt Ion:264 Resp: 274069
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 20.9 17.5 26.3

