

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142140.D
 Acq On : 27 Mar 2025 22:40
 Operator : RC/JU
 Sample : Q1648-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Mar 28 01:58:18 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	6.869	152	165654	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	658734	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	375866	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	594037	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	336163	20.000	ng	0.00
86) Perylene-d12	15.510	264	345220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1209669	121.874	ng	0.01
7) Phenol-d6	6.498	99	1380651	109.251	ng	0.00
23) Nitrobenzene-d5	7.434	82	1076752	91.987	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	657309	137.848	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2261128	91.489	ng	-0.01
79) Terphenyl-d14	12.980	244	2156340	94.836	ng	0.00

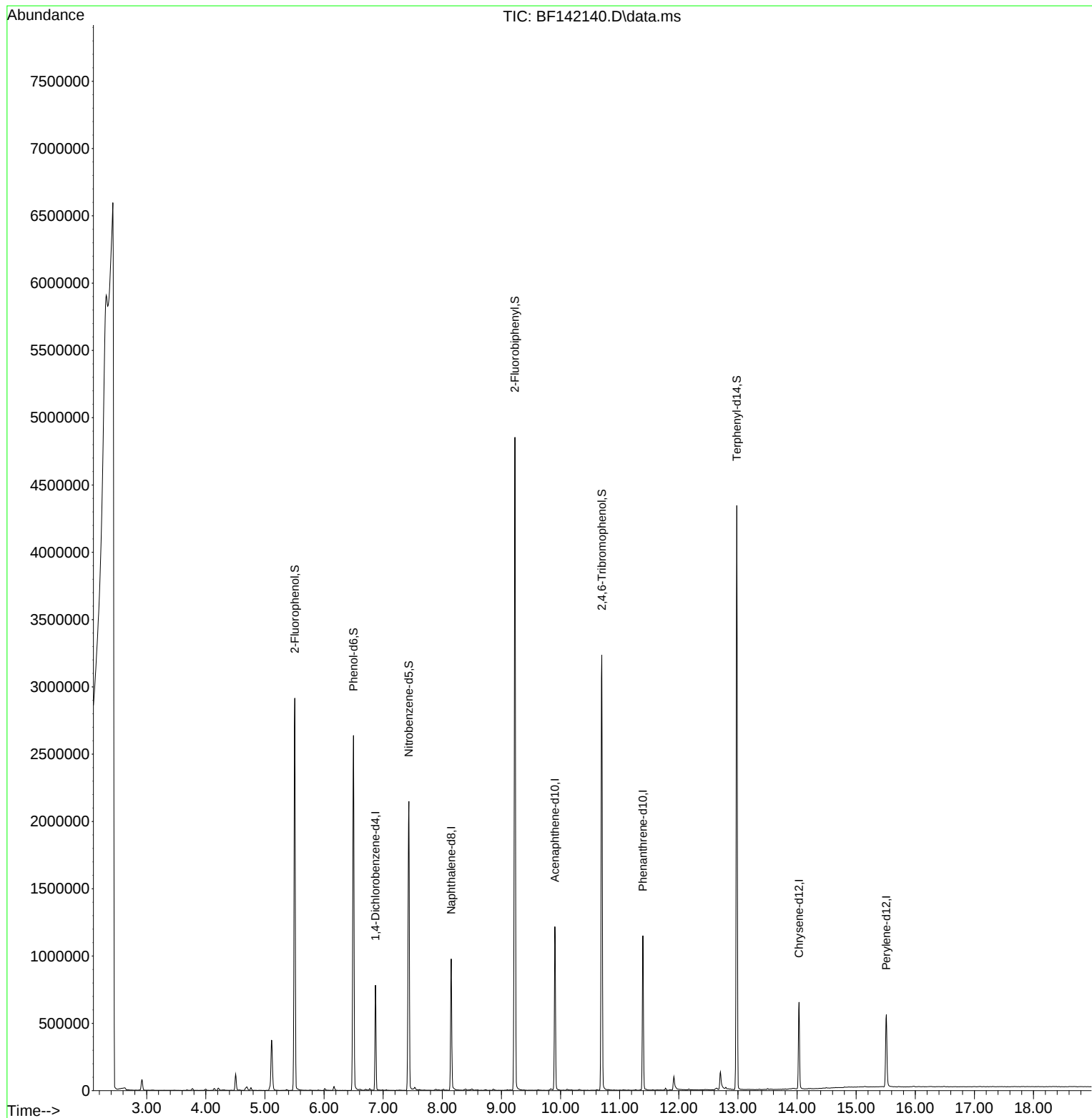
Target Compounds	Qvalue

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

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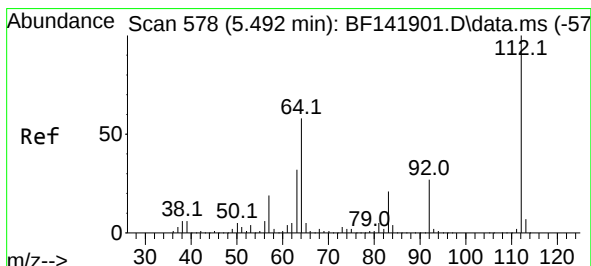
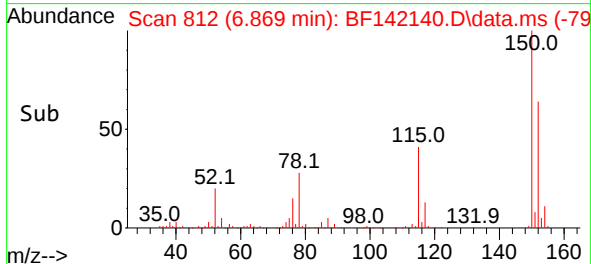
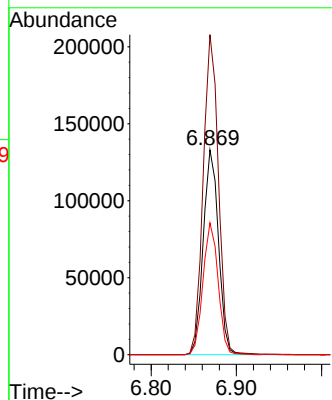
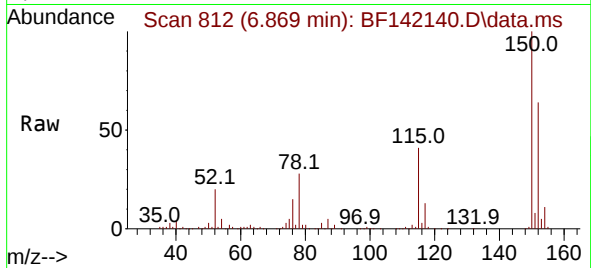




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

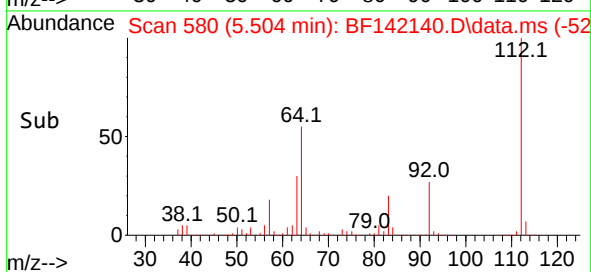
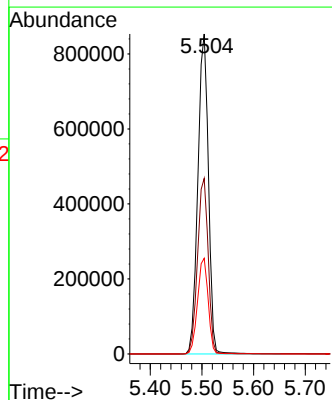
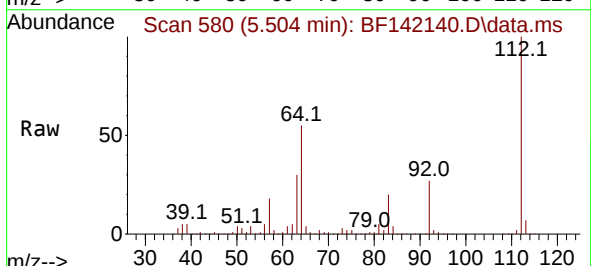
Instrument :
BNA_F
ClientSampleId :
TP-8

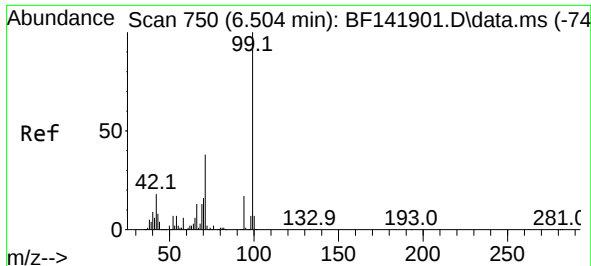
Tgt Ion:152 Resp: 165654
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 121.874 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

Tgt Ion:112 Resp: 1209669
Ion Ratio Lower Upper
112 100
64 54.8 46.5 69.7
63 29.9 25.4 38.2



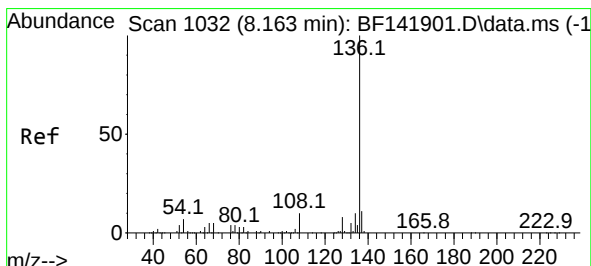
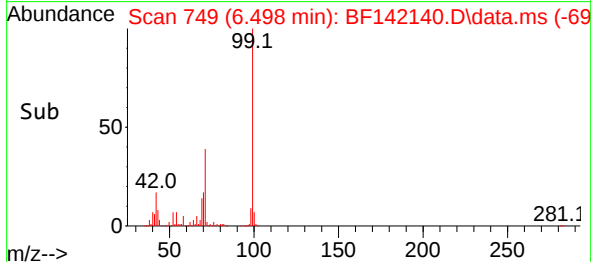
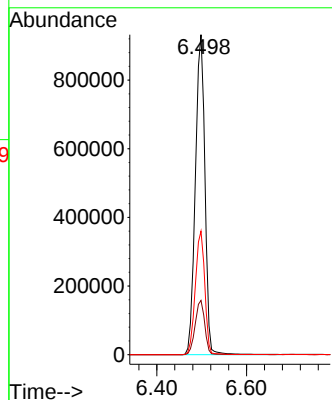
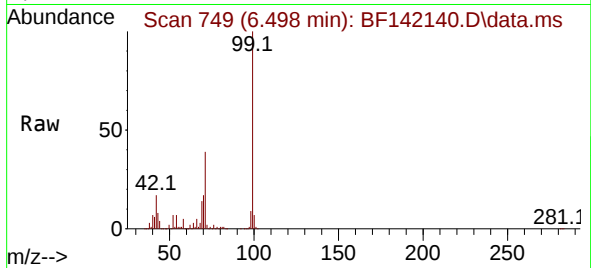


#7
Phenol-d6
Concen: 109.251 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 99 Resp: 1380651

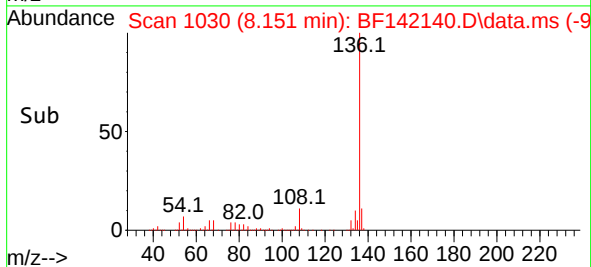
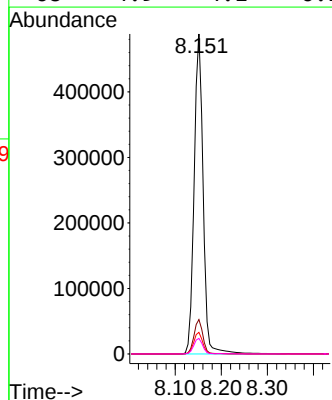
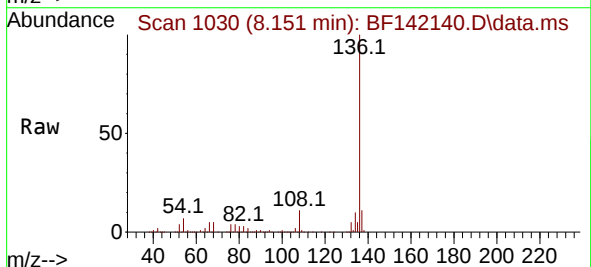
Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.6	21.8
71	38.6	30.8	46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

Tgt Ion:136 Resp: 658734

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.8	5.8	8.8
68	4.9	4.1	6.1

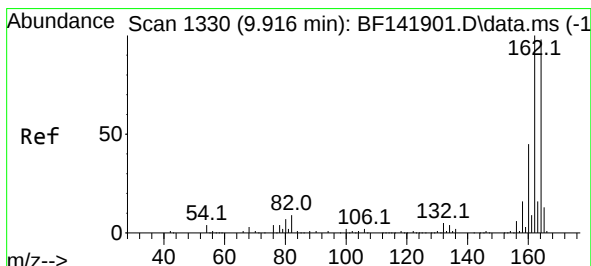
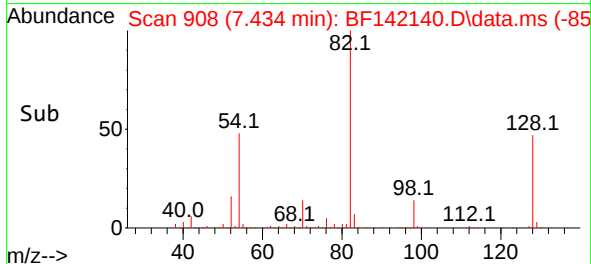
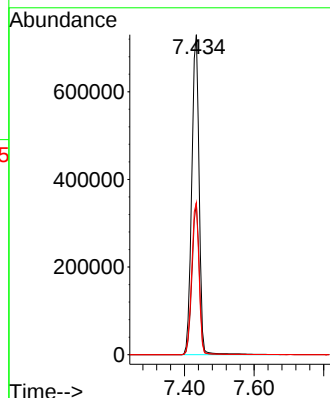
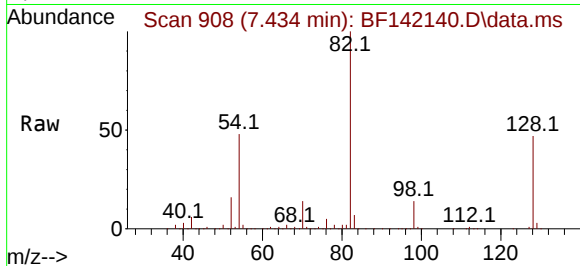




#23
Nitrobenzene-d5
Concen: 91.987 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

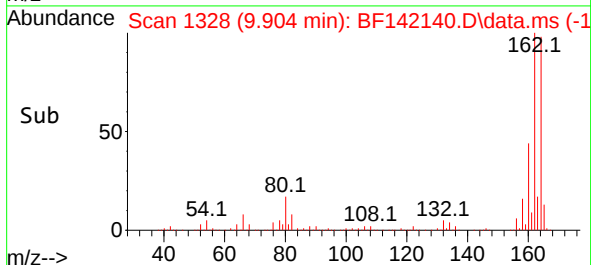
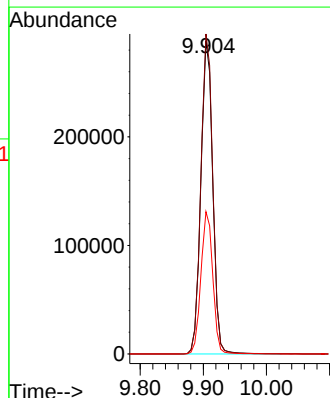
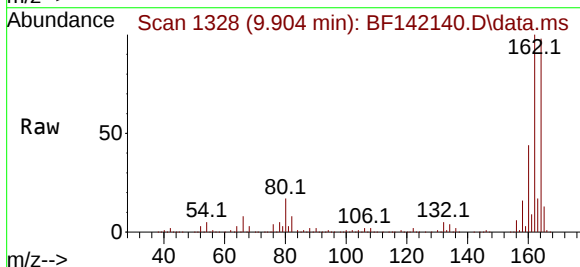
Instrument :
BNA_F
ClientSampleId :
TP-8

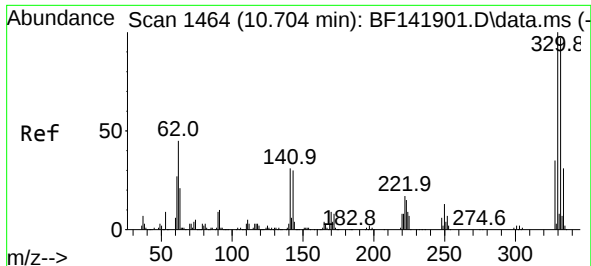
Tgt Ion: 82 Resp: 1076752
Ion Ratio Lower Upper
82 100
128 47.4 36.0 54.0
54 47.5 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

Tgt Ion:164 Resp: 375866
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.5 36.7 55.1

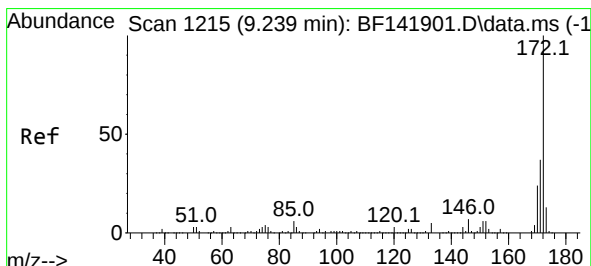
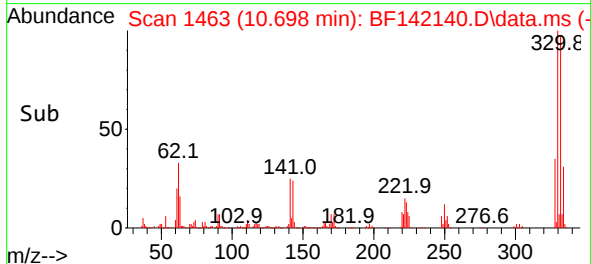
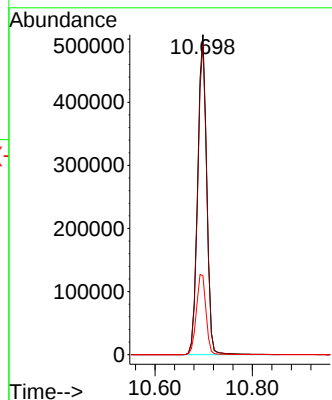
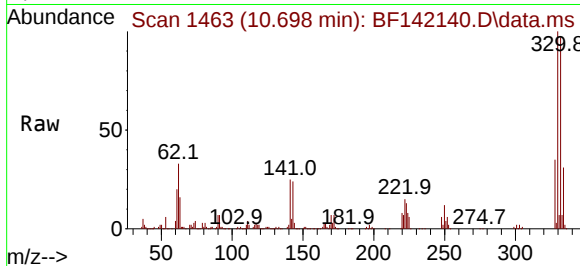




#42
2,4,6-Tribromophenol
Concen: 137.848 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

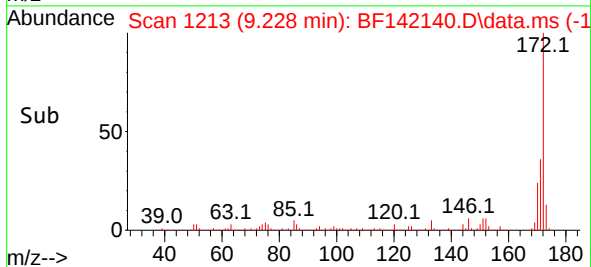
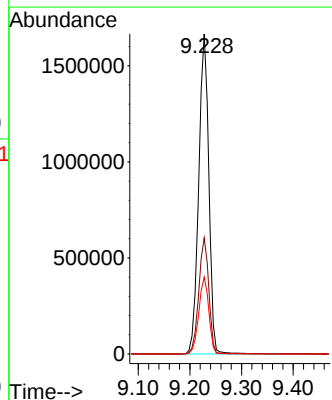
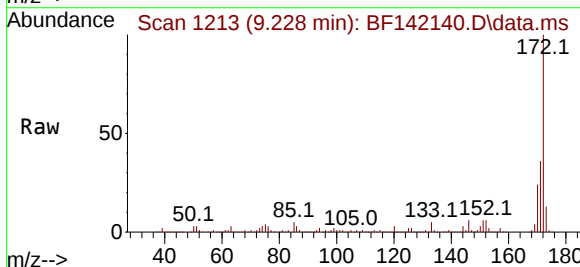
Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion: 330 Resp: 657309
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 26.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 91.489 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

Tgt Ion: 172 Resp: 2261128
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.1 19.4 29.0

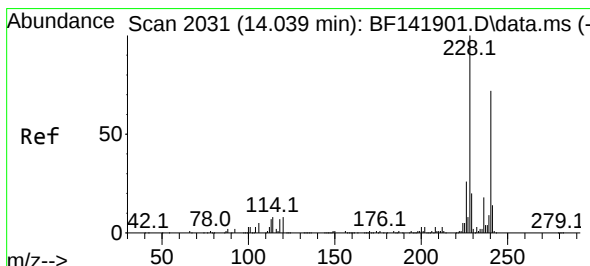
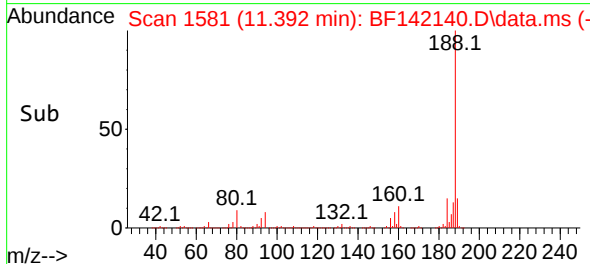
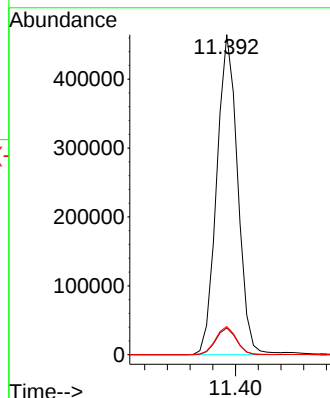
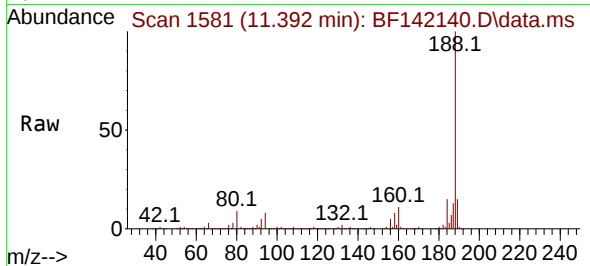




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

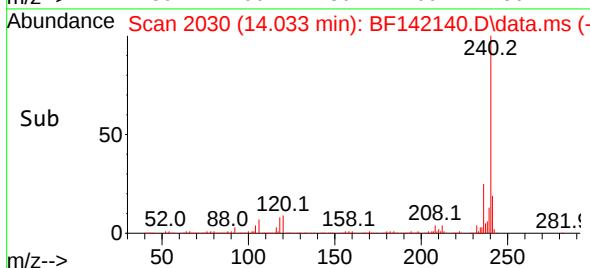
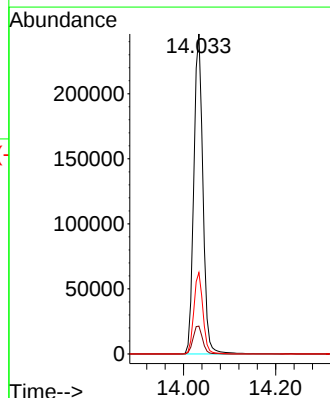
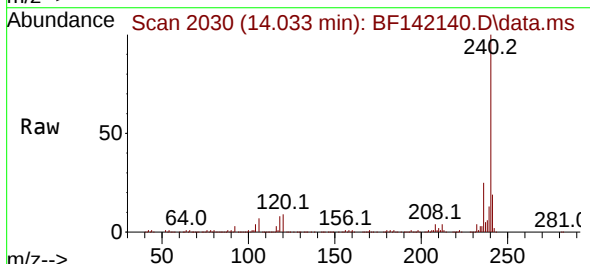
Instrument :
BNA_F
ClientSampleId :
TP-8

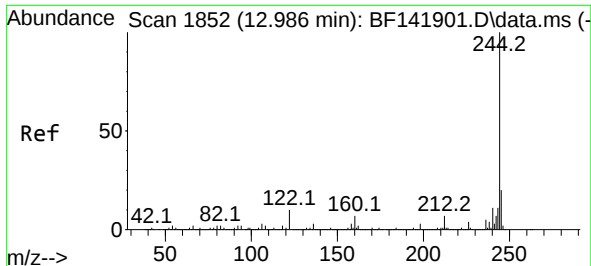
Tgt Ion:188 Resp: 594037
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142140.D
Acq: 27 Mar 2025 22:40

Tgt Ion:240 Resp: 336163
Ion Ratio Lower Upper
240 100
120 8.7 8.4 12.6
236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 94.836 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142140.D

Acq: 27 Mar 2025 22:40

Instrument :

BNA_F

ClientSampleId :

TP-8

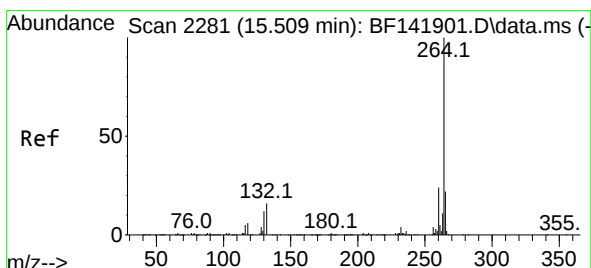
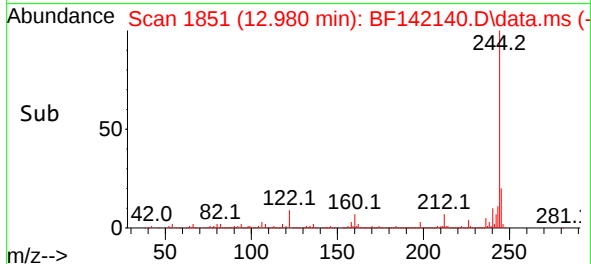
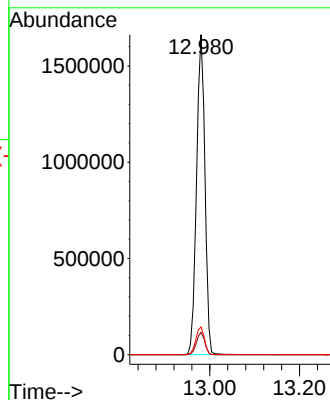
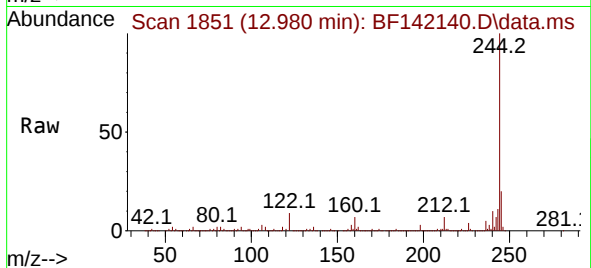
Tgt Ion:244 Resp: 2156340

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 8.7 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: BF142140.D

Acq: 27 Mar 2025 22:40

Tgt Ion:264 Resp: 345220

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.4 17.5 26.3

