

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030525\
 Data File : BF141846.D
 Acq On : 05 Mar 2025 16:21
 Operator : RC/JU
 Sample : Q1487-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42

Quant Time: Mar 05 16:46:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	183000	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	691002	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	343341	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	517666	20.000	ng	0.00
76) Chrysene-d12	14.033	240	403116	20.000	ng	-0.02
86) Perylene-d12	15.510	264	459662	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1345035	117.377	ng	0.00
7) Phenol-d6	6.498	99	1675020	112.304	ng	-0.01
23) Nitrobenzene-d5	7.440	82	1060893	98.136	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	383280	118.907	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1743685	81.432	ng	0.00
79) Terphenyl-d14	12.986	244	1458673	58.544	ng	-0.01

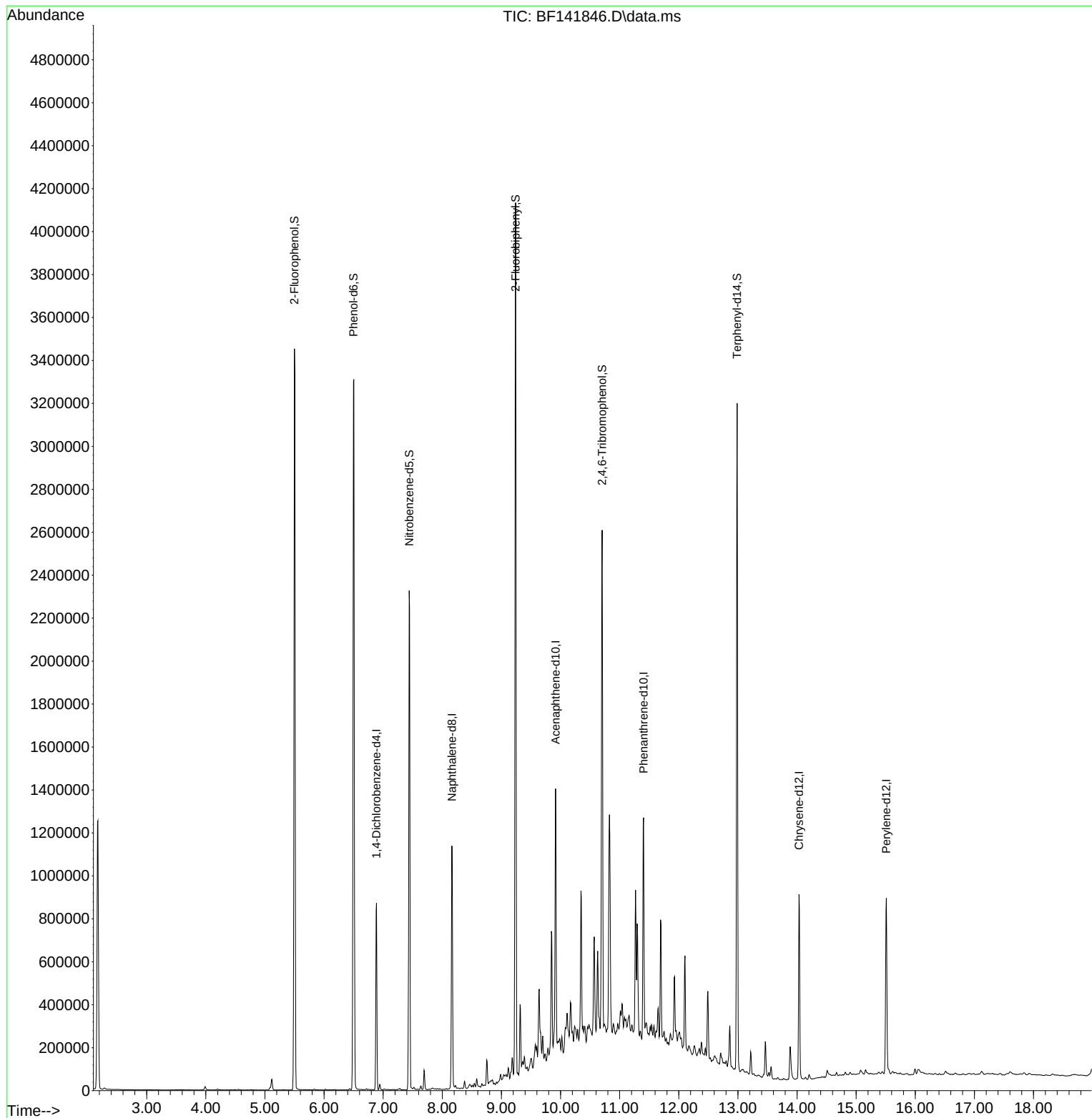
Target Compounds	Qvalue

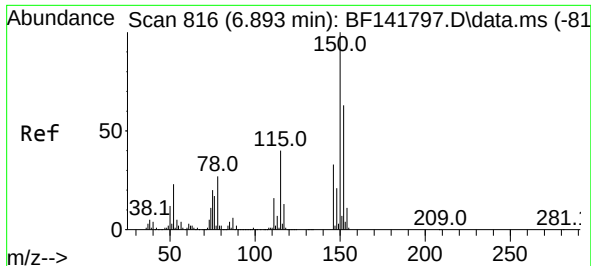
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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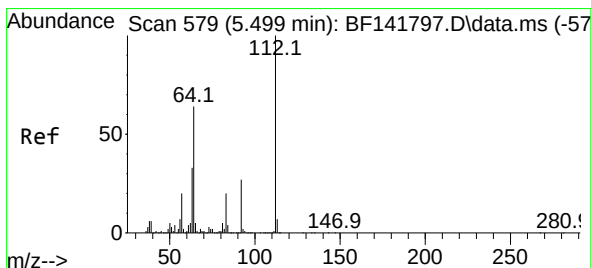
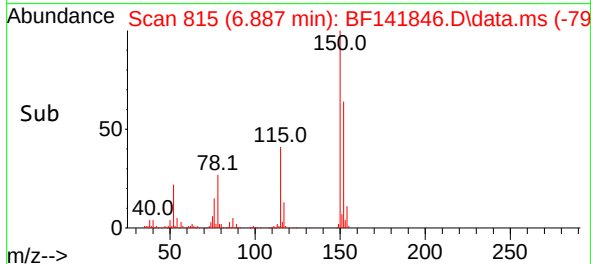
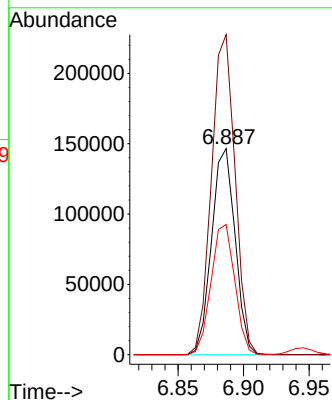
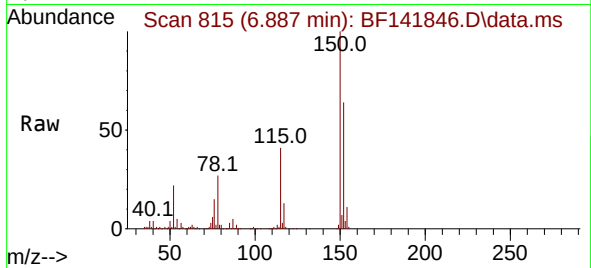




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141846.D
 Acq: 05 Mar 2025 16:21

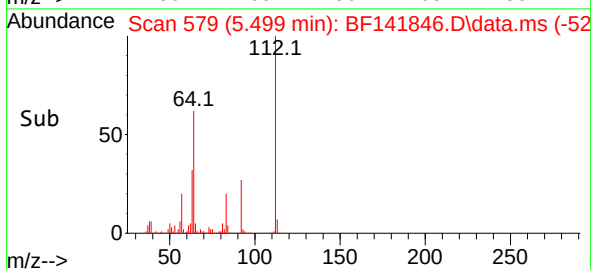
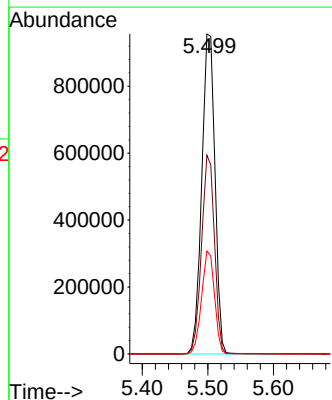
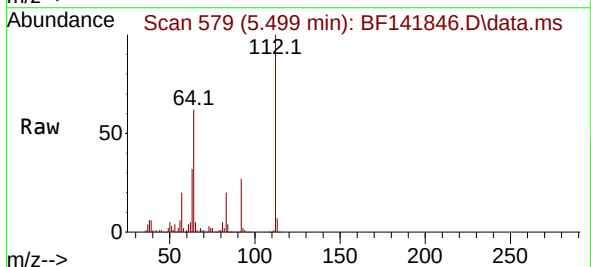
Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42

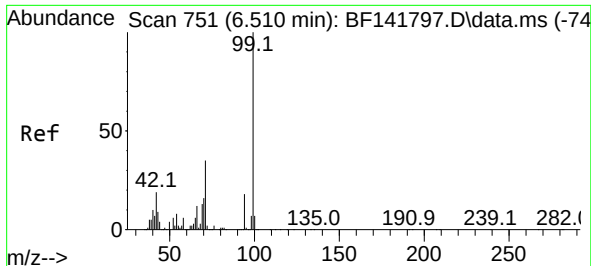
Tgt Ion:152 Resp: 183000
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.5 191.3
 115 63.2 51.4 77.2



#5
 2-Fluorophenol
 Concen: 117.377 ng
 RT: 5.499 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: BF141846.D
 Acq: 05 Mar 2025 16:21

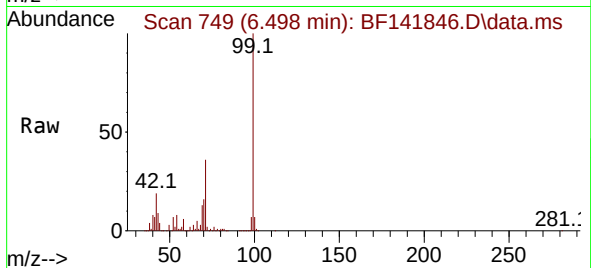
Tgt Ion:112 Resp: 1345035
 Ion Ratio Lower Upper
 112 100
 64 62.1 51.3 76.9
 63 32.2 26.2 39.4





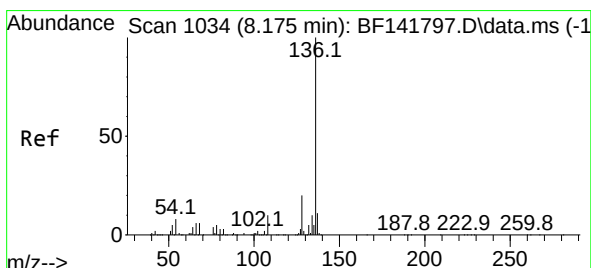
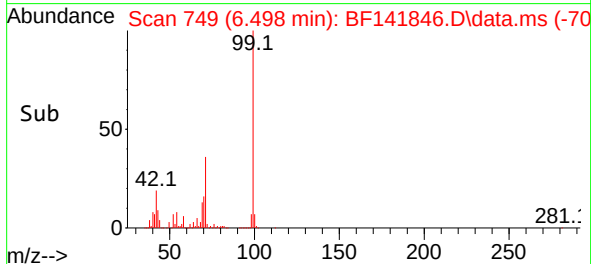
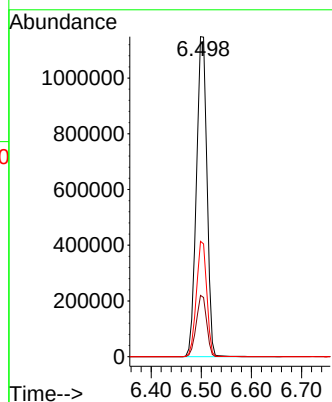
#7
Phenol-d6
Concen: 112.304 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF141846.D
Acq: 05 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
DN-B-42



Tgt Ion: 99 Resp: 1675020

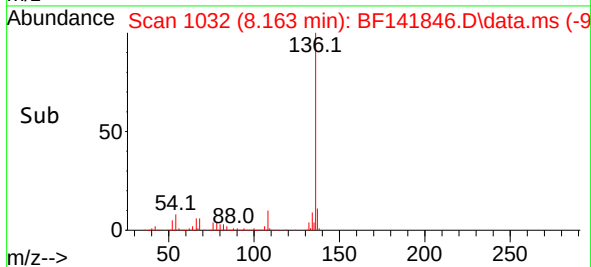
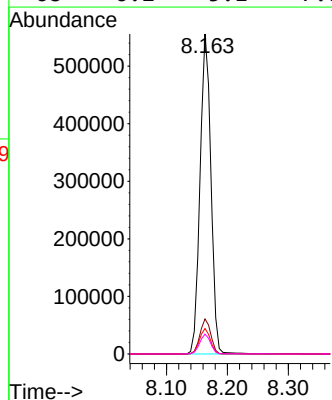
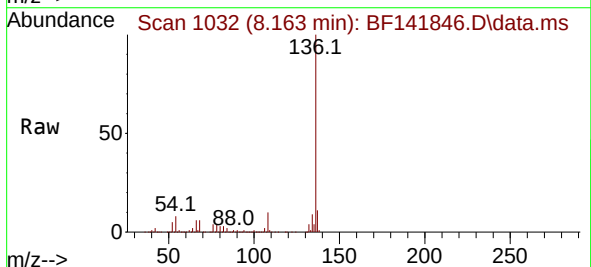
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.2	22.8
71	36.1	28.2	42.2

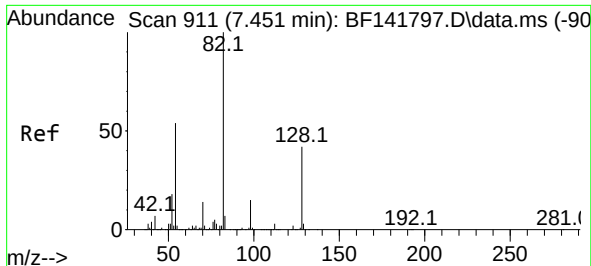


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141846.D
Acq: 05 Mar 2025 16:21

Tgt Ion: 136 Resp: 691002

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.9	10.3
68	6.2	5.1	7.7





#23

Nitrobenzene-d5

Concen: 98.136 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF141846.D

Acq: 05 Mar 2025 16:21

Instrument :

BNA_F

ClientSampleId :

DN-B-42

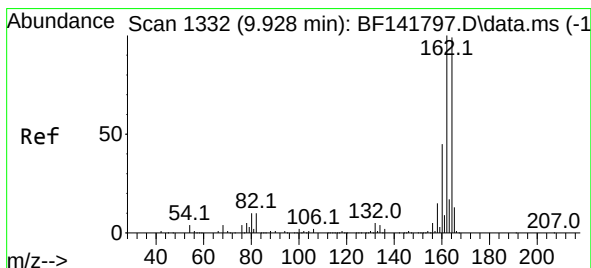
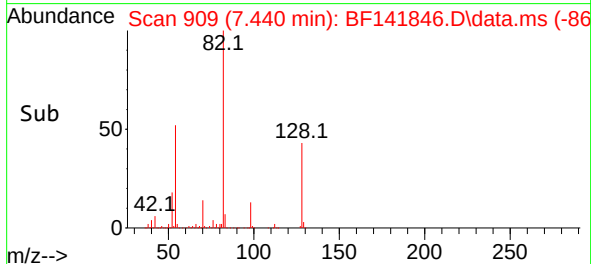
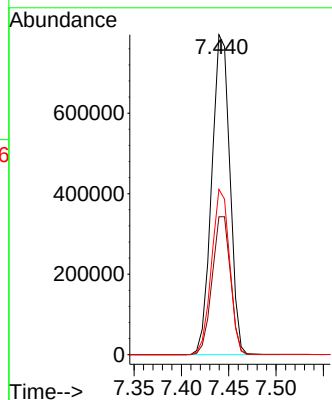
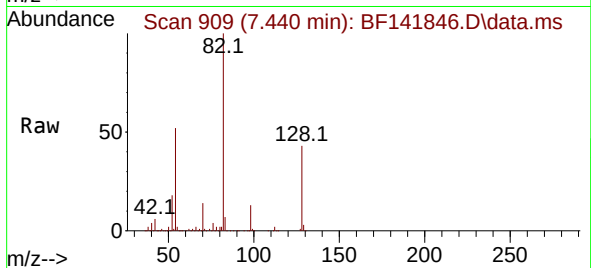
Tgt Ion: 82 Resp: 1060893

Ion Ratio Lower Upper

82 100

128 43.1 33.5 50.3

54 51.6 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF141846.D

Acq: 05 Mar 2025 16:21

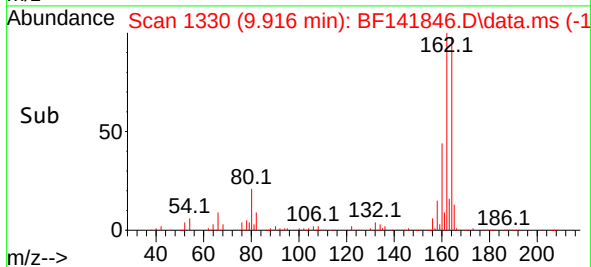
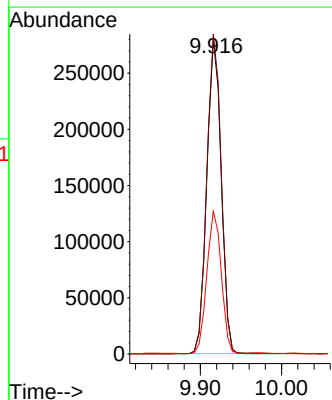
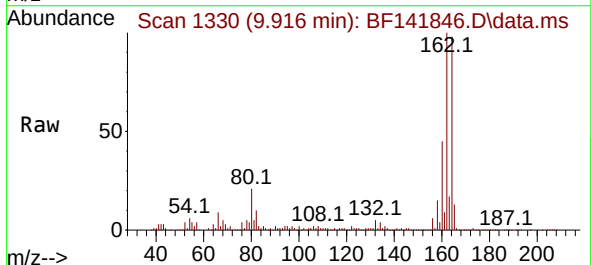
Tgt Ion: 164 Resp: 343341

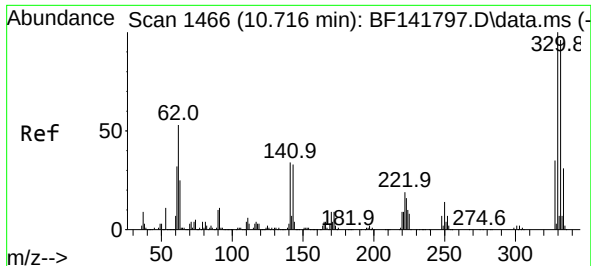
Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

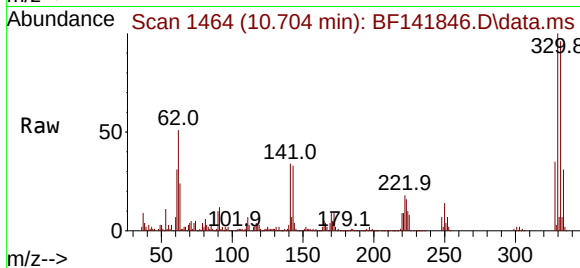
160 45.4 36.3 54.5



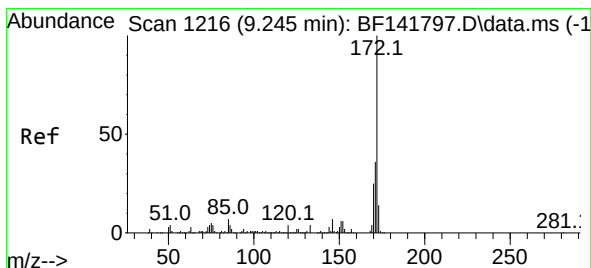
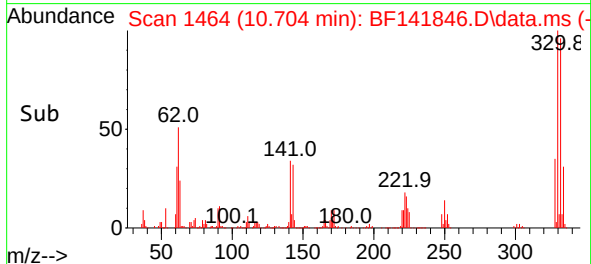
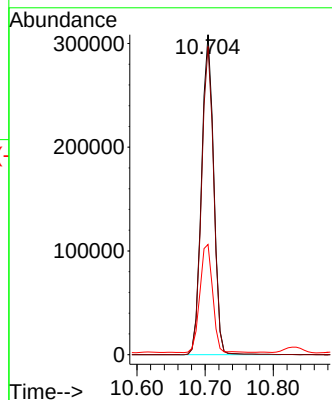


#42
2,4,6-Tribromophenol
Concen: 118.907 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF141846.D
Acq: 05 Mar 2025 16:21

Instrument :
BNA_F
ClientSampleId :
DN-B-42

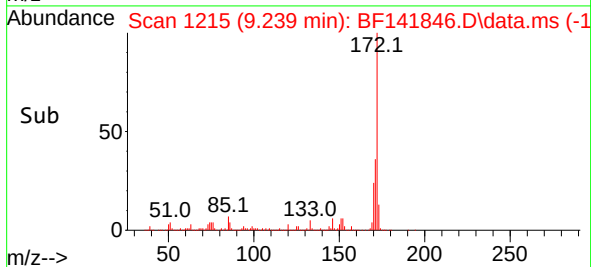
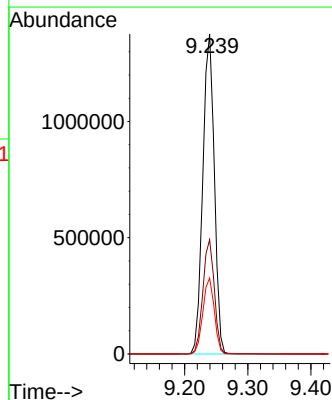
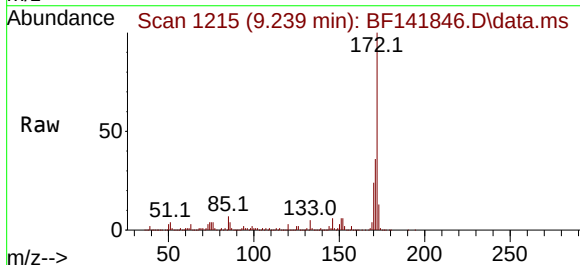


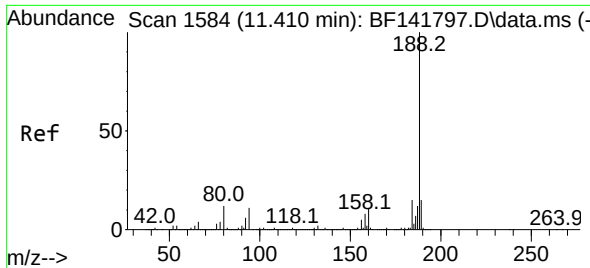
Tgt Ion: 330 Resp: 383280
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 35.2 29.0 43.4



#45
2-Fluorobiphenyl
Concen: 81.432 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141846.D
Acq: 05 Mar 2025 16:21

Tgt Ion: 172 Resp: 1743685
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 23.7 19.7 29.5

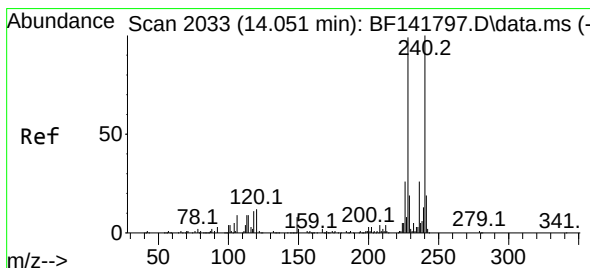
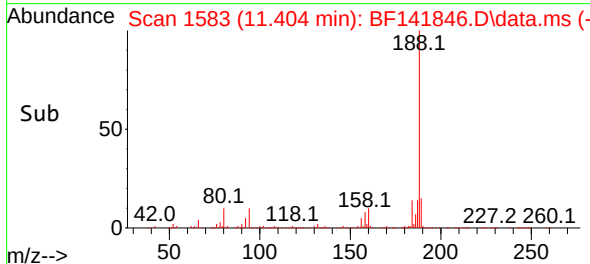
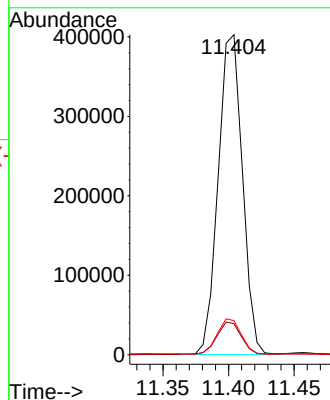
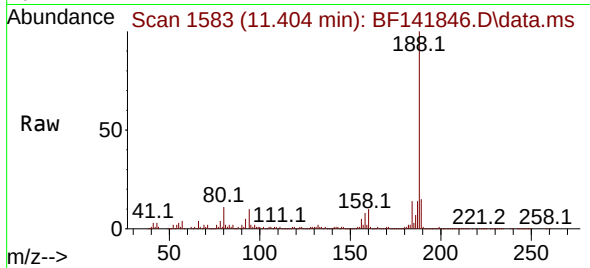




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141846.D
Acq: 05 Mar 2025 16:21

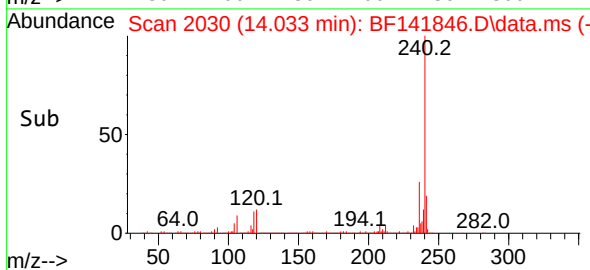
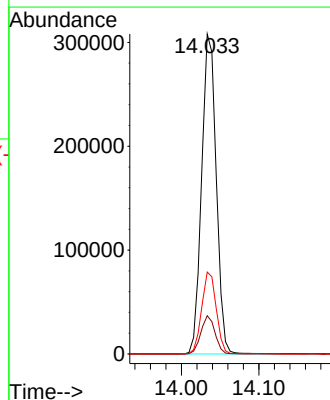
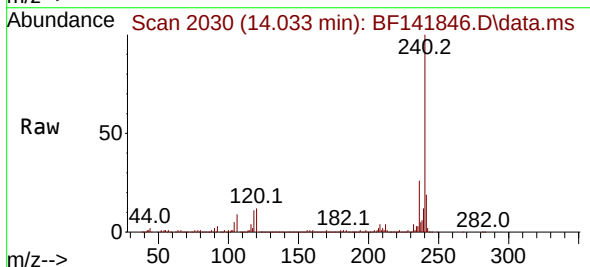
Instrument :
BNA_F
ClientSampleId :
DN-B-42

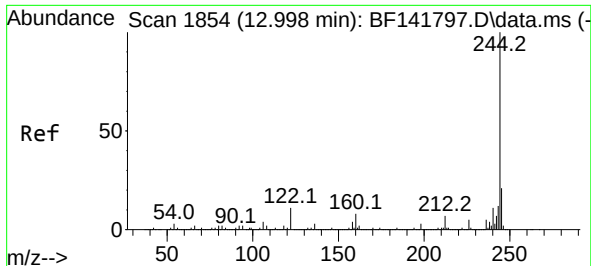
Tgt Ion:188 Resp: 517666
Ion Ratio Lower Upper
188 100
94 9.7 8.9 13.3
80 10.7 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF141846.D
Acq: 05 Mar 2025 16:21

Tgt Ion:240 Resp: 403116
Ion Ratio Lower Upper
240 100
120 12.0 9.7 14.5
236 25.6 21.0 31.4

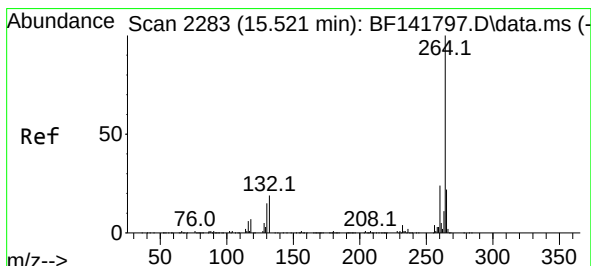
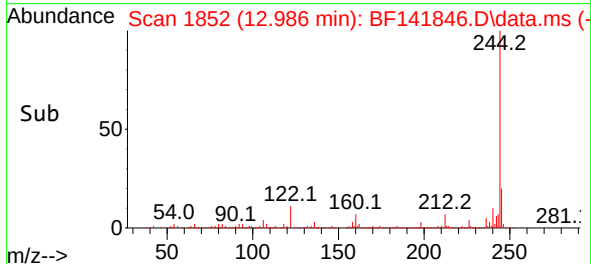
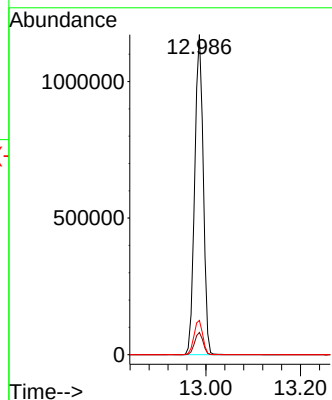
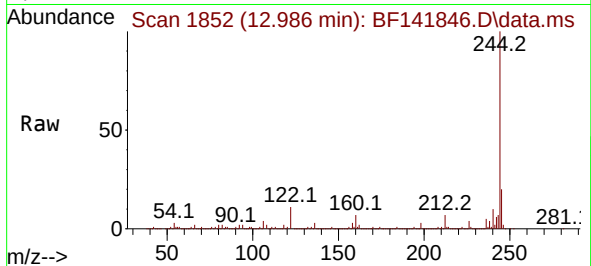




#79
 Terphenyl-d14
 Concen: 58.544 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF141846.D
 Acq: 05 Mar 2025 16:21

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-42

Tgt Ion:244 Resp: 1458673
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.7 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. -0.012 min
 Lab File: BF141846.D
 Acq: 05 Mar 2025 16:21

Tgt Ion:264 Resp: 459662
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.4 17.4 26.0

