

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142832.D
 Acq On : 24 Jun 2025 21:38
 Operator : RC/JU
 Sample : Q2383-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-5376

Quant Time: Jun 25 01:31:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

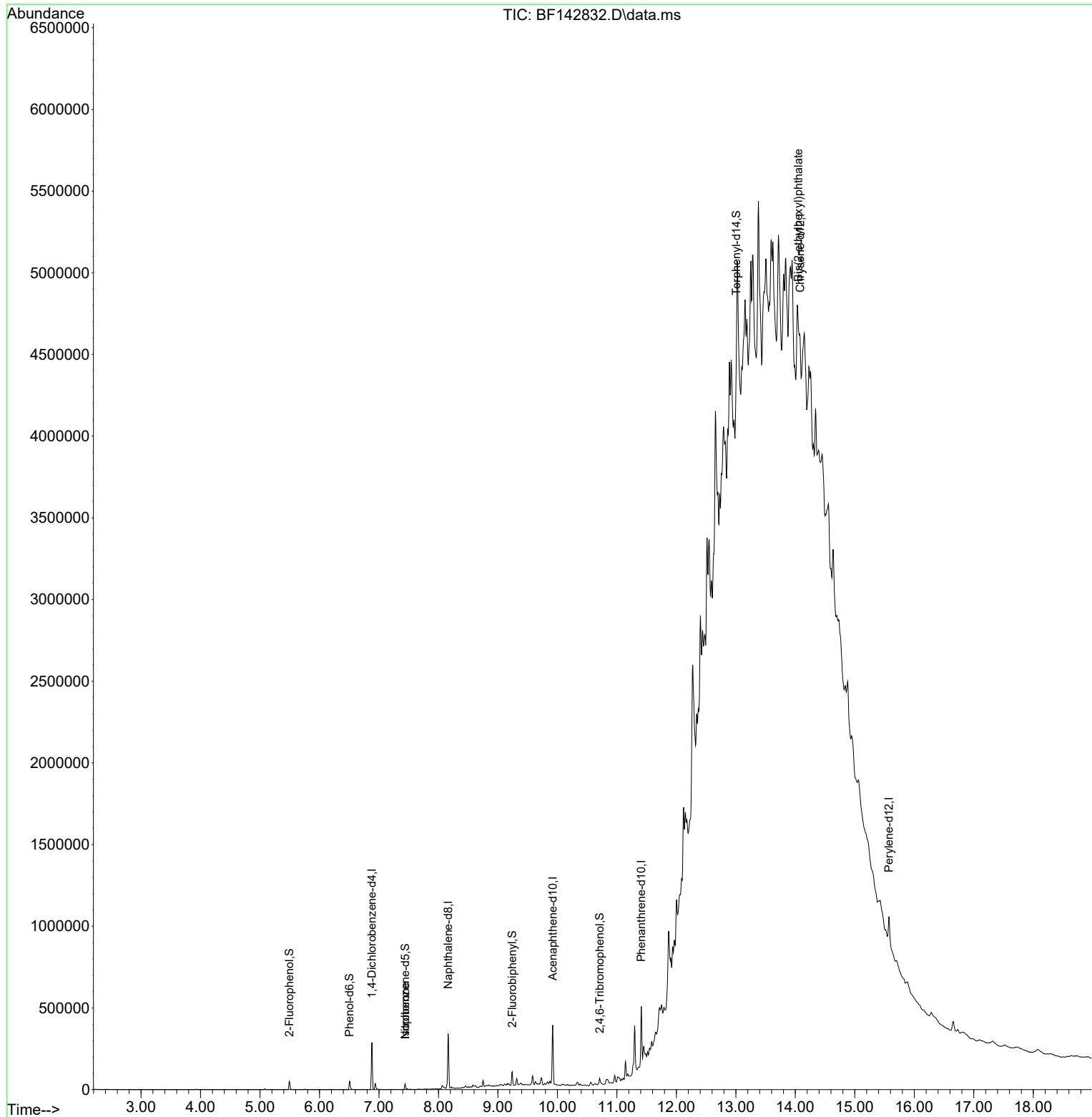
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	62044	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	216249	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	107008	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	187160	20.000	ng	0.00
76) Chrysene-d12	14.080	240	93385	20.000	ng	# 0.02
86) Perylene-d12	15.574	264	89189	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	22234	5.966	ng	0.00
7) Phenol-d6	6.504	99	26496	6.026	ng	0.00
23) Nitrobenzene-d5	7.439	82	14491	3.676	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	6581	5.976	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	36787	4.516	ng	0.00
79) Terphenyl-d14	13.010	244	32631	4.828	ng	0.01
Target Compounds						
25) Isophorone	7.439	82	14491	2.291	ng	# 62
84) Bis(2-ethylhexyl)phtha...	14.051	149	13332	3.649	ng	# 48

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

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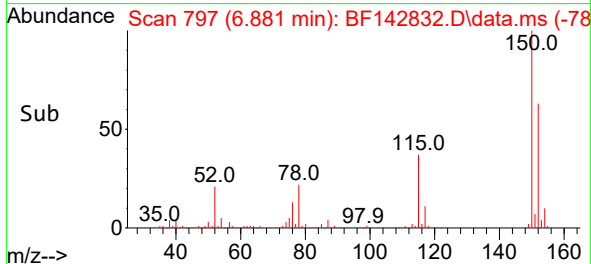
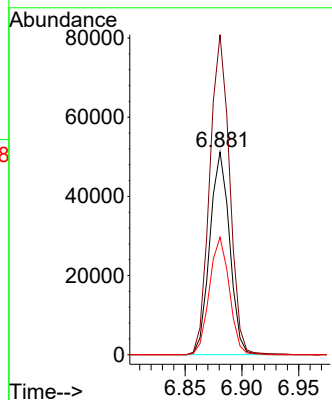
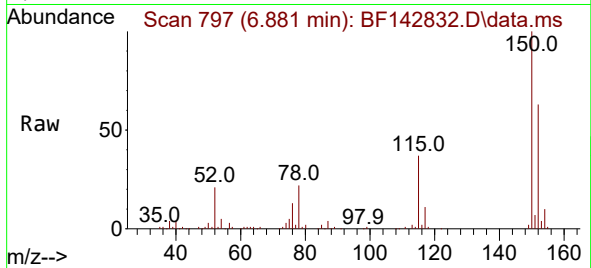




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

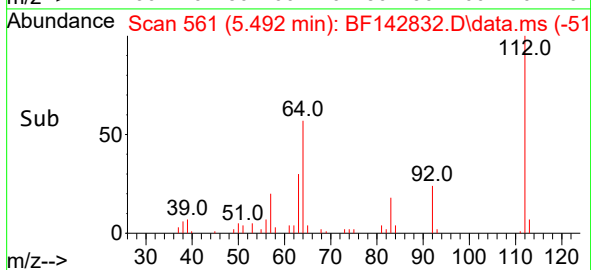
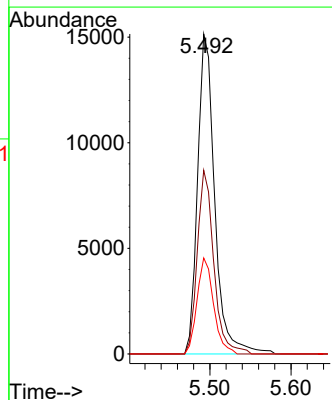
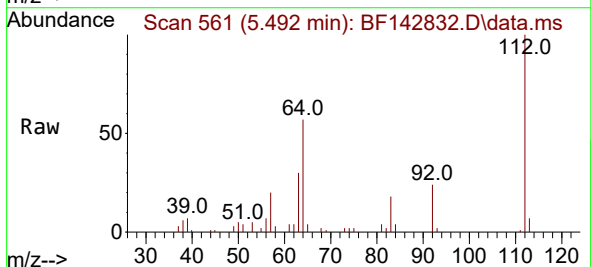
Instrument :
BNA_F
ClientSampleId :
RT-5376

Tgt Ion:152 Resp: 62044
Ion Ratio Lower Upper
152 100
150 157.8 127.2 190.8
115 57.9 46.6 69.8



#5
2-Fluorophenol
Concen: 5.966 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

Tgt Ion:112 Resp: 22234
Ion Ratio Lower Upper
112 100
64 57.4 48.2 72.2
63 30.0 25.7 38.5

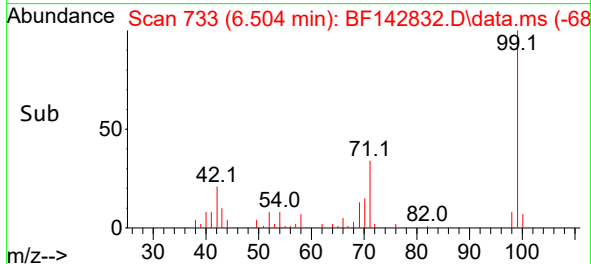
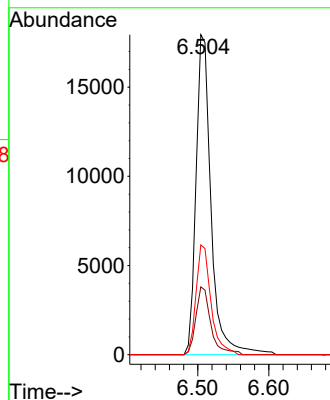
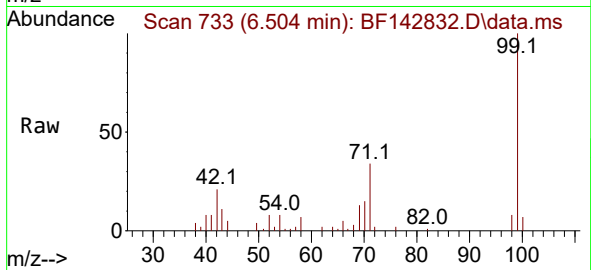




#7
Phenol-d6
Concen: 6.026 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

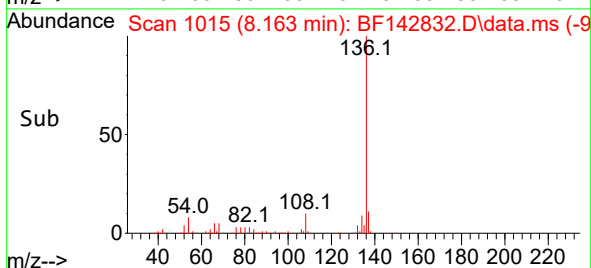
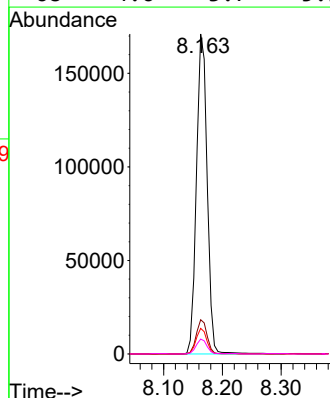
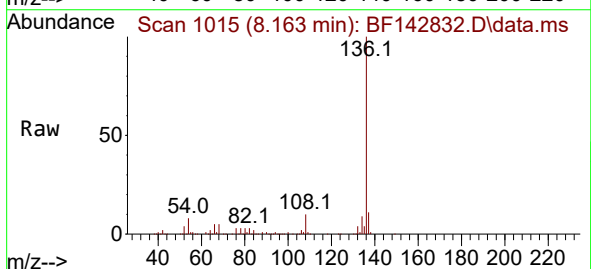
Instrument :
BNA_F
ClientSampleId :
RT-5376

Tgt Ion:	99	Resp:	26496
Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.9	23.9
71	34.3	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

Tgt Ion:	136	Resp:	216249
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	8.0	6.3	9.5
68	4.6	3.7	5.5





#23

Nitrobenzene-d5

Concen: 3.676 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF142832.D

Acq: 24 Jun 2025 21:38

Instrument :

BNA_F

ClientSampleId :

RT-5376

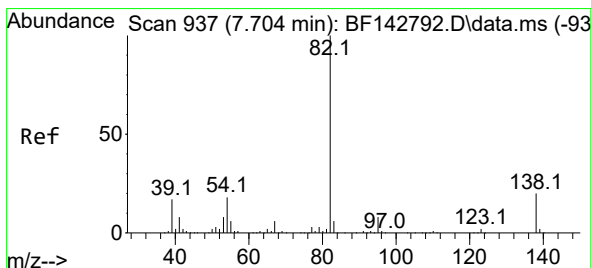
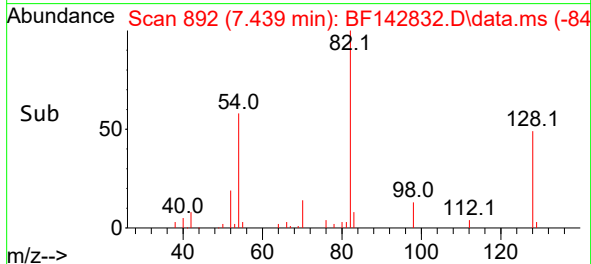
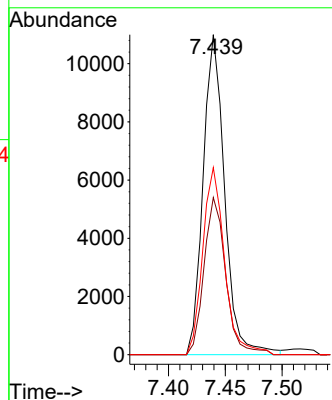
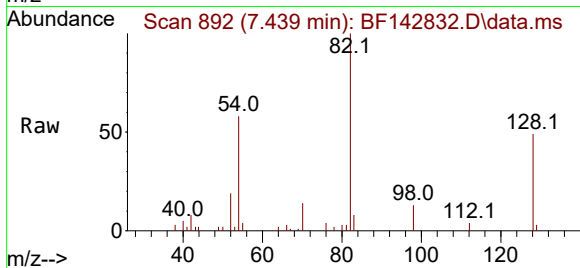
Tgt Ion: 82 Resp: 14491

Ion Ratio Lower Upper

82 100

128 49.1 37.7 56.5

54 58.5 45.7 68.5



#25

Isophorone

Concen: 2.291 ng

RT: 7.439 min Scan# 892

Delta R.T. -0.265 min

Lab File: BF142832.D

Acq: 24 Jun 2025 21:38

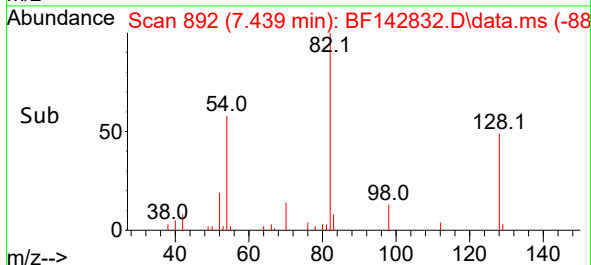
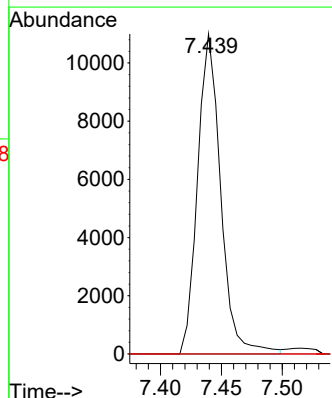
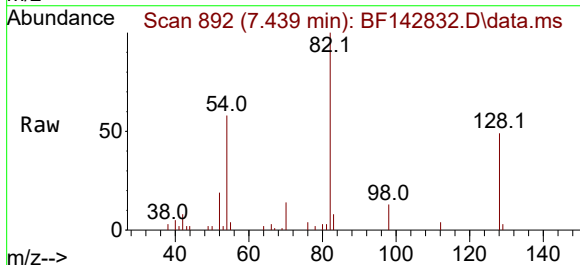
Tgt Ion: 82 Resp: 14491

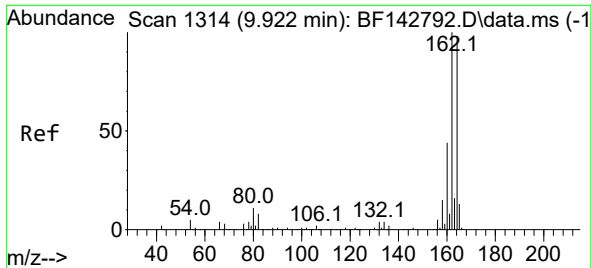
Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 16.2 24.4#

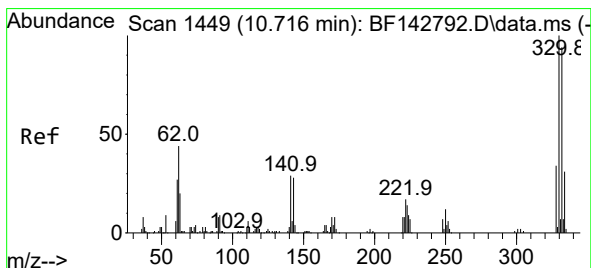
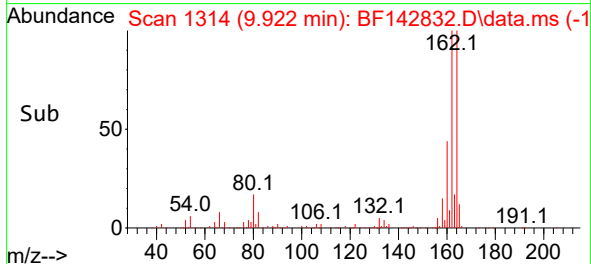
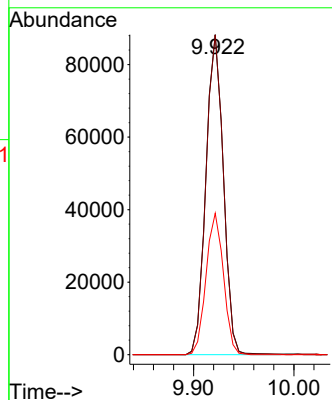
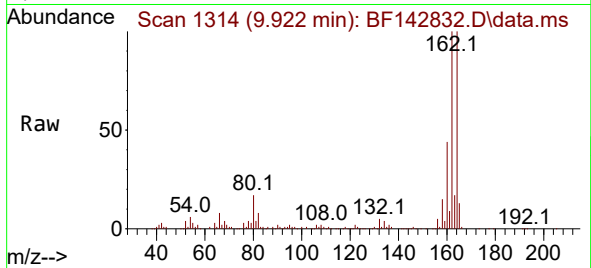




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

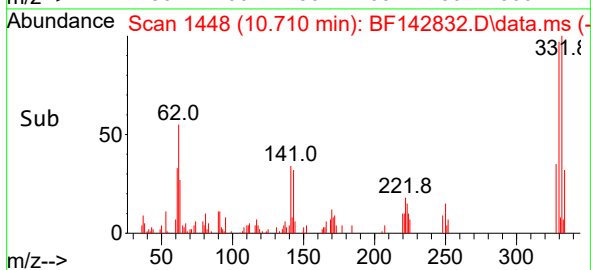
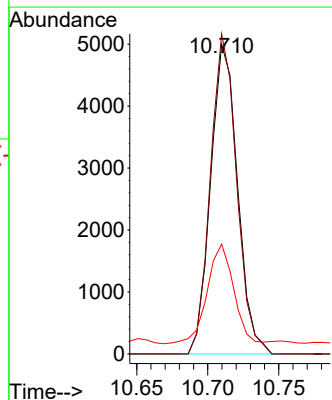
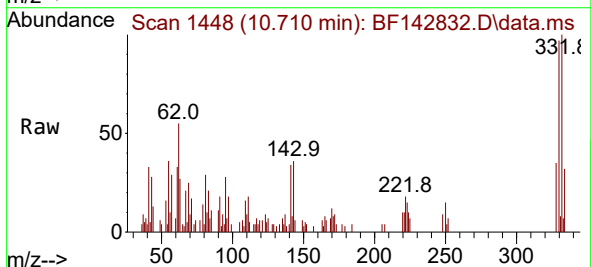
Instrument :
BNA_F
ClientSampleId :
RT-5376

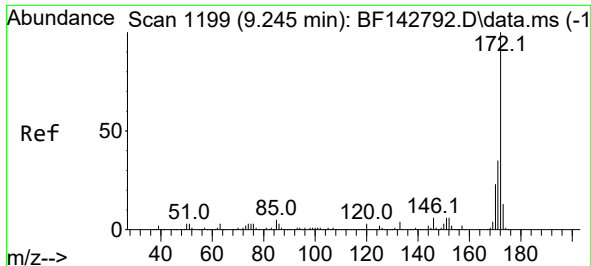
Tgt Ion:164 Resp: 107008
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.8
160 44.2 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 5.976 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

Tgt Ion:330 Resp: 6581
Ion Ratio Lower Upper
330 100
332 100.7 75.0 112.6
141 32.3 25.3 37.9

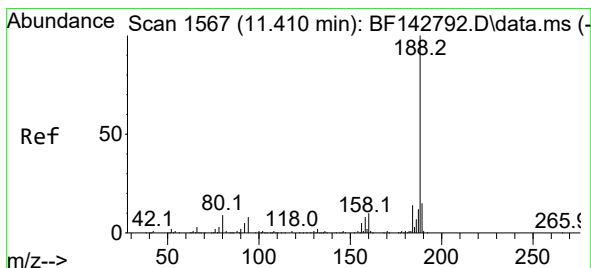
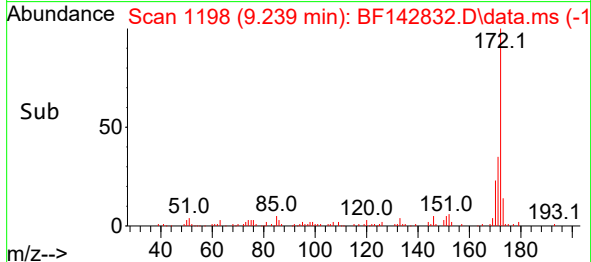
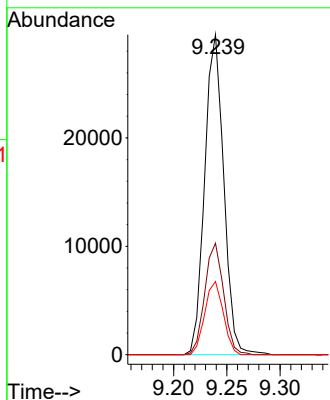
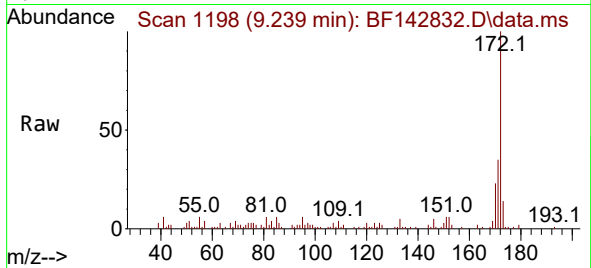




#45
2-Fluorobiphenyl
Concen: 4.516 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

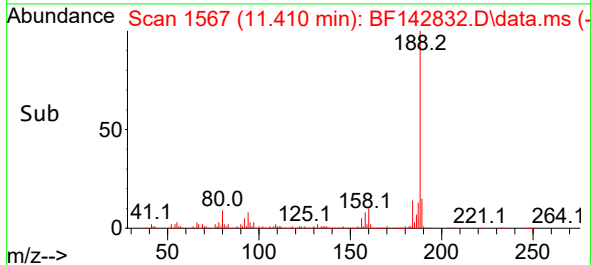
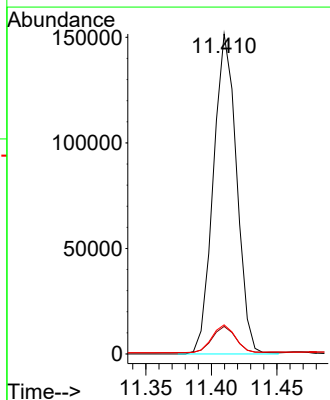
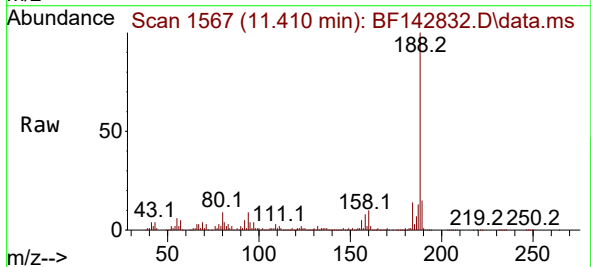
Instrument :
BNA_F
ClientSampleId :
RT-5376

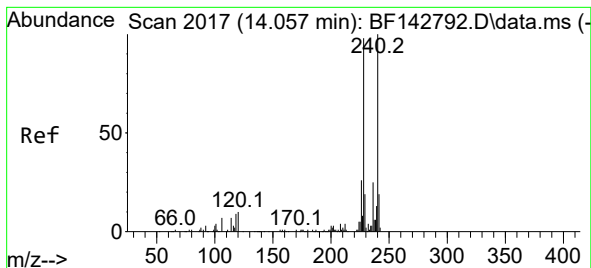
Tgt Ion:172 Resp: 36787
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 22.9 18.5 27.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

Tgt Ion:188 Resp: 187160
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.1 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF142832.D

Acq: 24 Jun 2025 21:38

Instrument :

BNA_F

ClientSampleId :

RT-5376

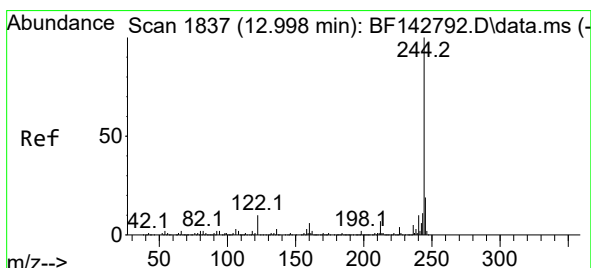
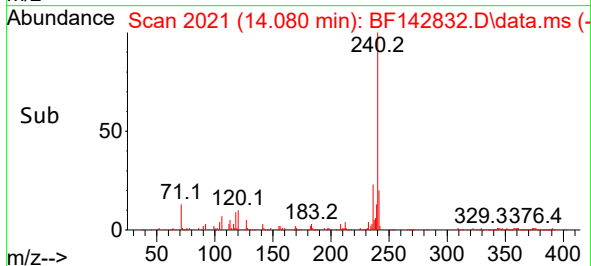
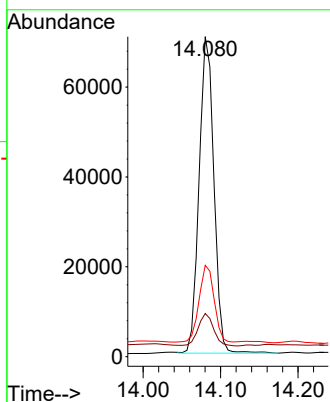
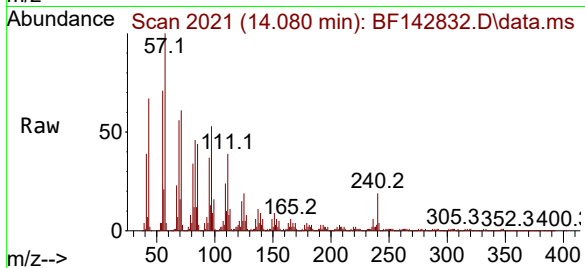
Tgt Ion:240 Resp: 93385

Ion Ratio Lower Upper

240 100

120 13.5 8.2 12.2#

236 28.5 19.8 29.8



#79

Terphenyl-d14

Concen: 4.828 ng

RT: 13.010 min Scan# 1839

Delta R.T. 0.012 min

Lab File: BF142832.D

Acq: 24 Jun 2025 21:38

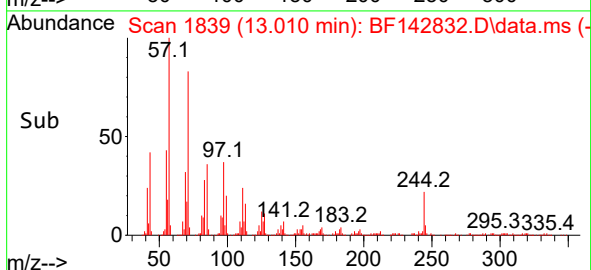
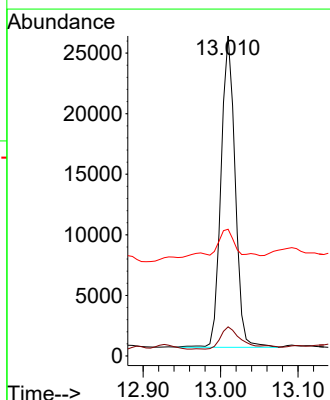
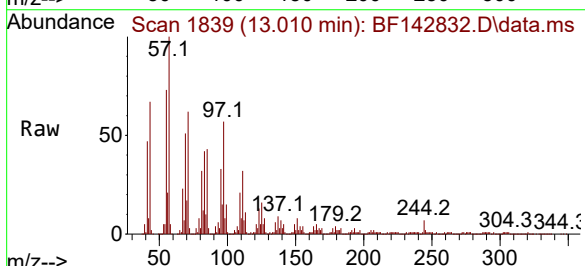
Tgt Ion:244 Resp: 32631

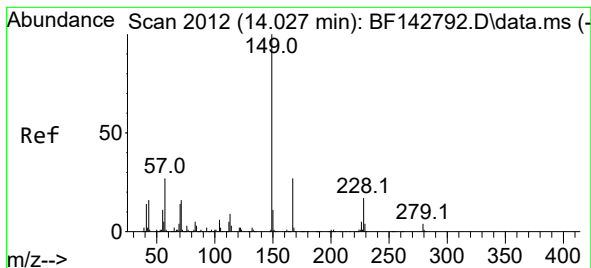
Ion Ratio Lower Upper

244 100

212 9.1 5.4 8.0#

122 39.6 8.2 12.2#

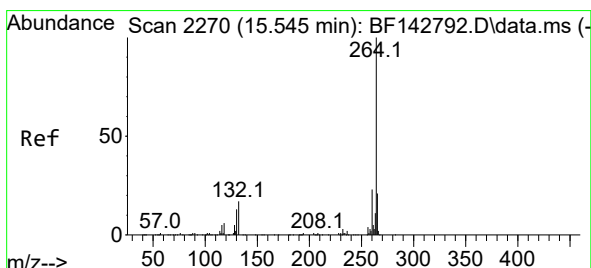
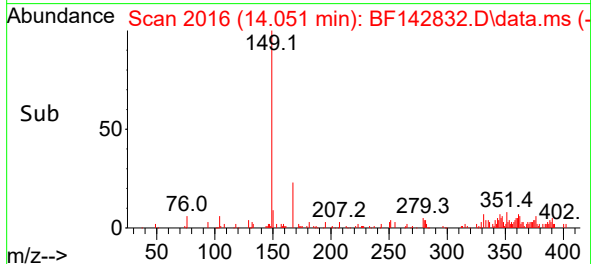
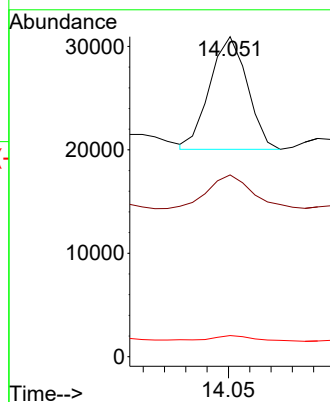
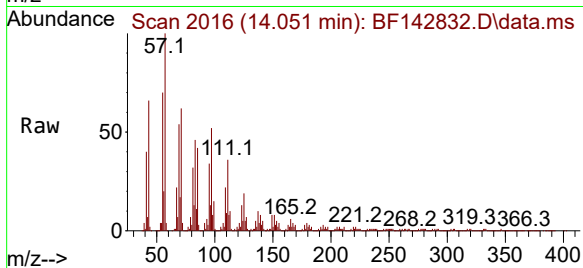




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.649 ng
RT: 14.051 min Scan# 2016
Delta R.T. 0.024 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

Instrument :
BNA_F
ClientSampleId :
RT-5376

Tgt Ion:149 Resp: 13332
Ion Ratio Lower Upper
149 100
167 56.8 21.4 32.0#
279 6.6 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2275
Delta R.T. 0.029 min
Lab File: BF142832.D
Acq: 24 Jun 2025 21:38

Tgt Ion:264 Resp: 89189
Ion Ratio Lower Upper
264 100
260 23.9 18.1 27.1
265 21.7 16.6 25.0

