

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144134.D
 Acq On : 29 Oct 2025 18:01
 Operator : RC/JU
 Sample : Q3476-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-102825

Quant Time: Oct 29 18:26:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61727	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	230215	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	129983	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	215004	20.000	ng	0.00
76) Chrysene-d12	14.051	240	163487	20.000	ng	0.00
86) Perylene-d12	15.533	264	188777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	348121	89.226	ng	0.00
7) Phenol-d6	6.504	99	399043	92.610	ng	0.00
23) Nitrobenzene-d5	7.439	82	254383	60.539	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	143668	86.770	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	554649	60.047	ng	0.00
79) Terphenyl-d14	12.992	244	524883	56.127	ng	0.00

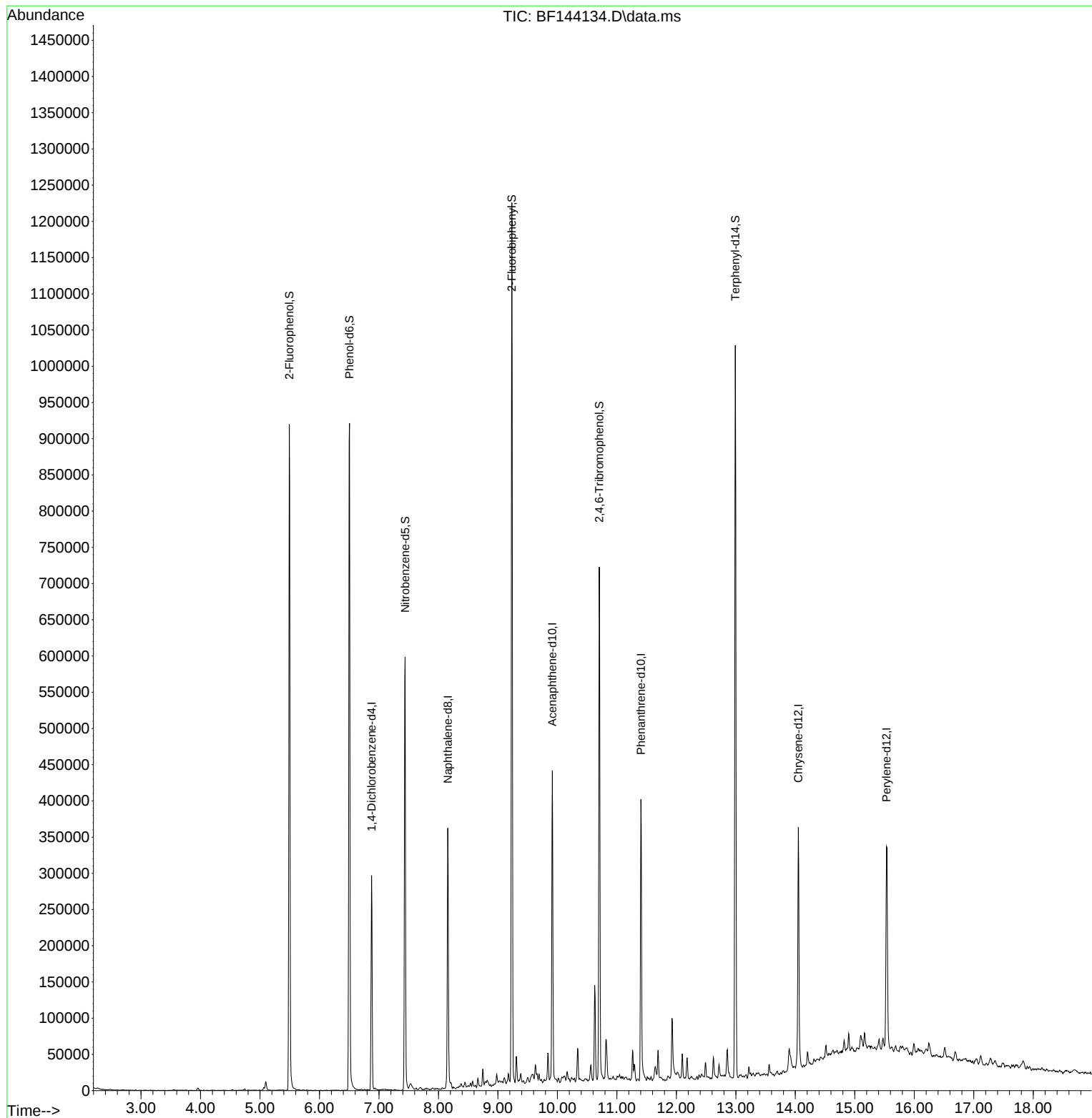
Target Compounds	Qvalue

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

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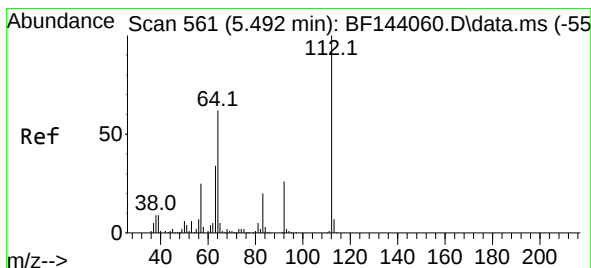
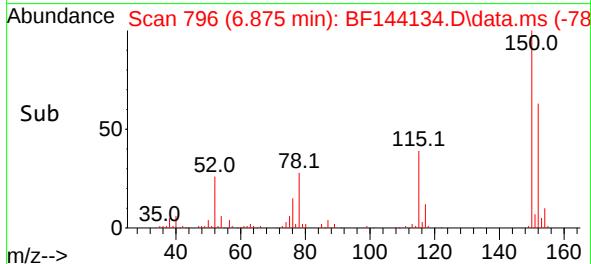
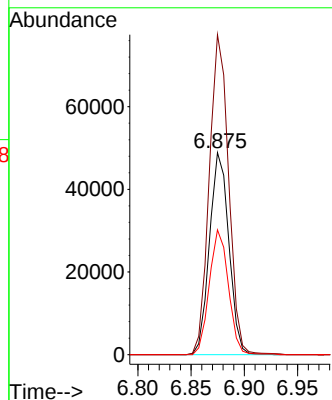
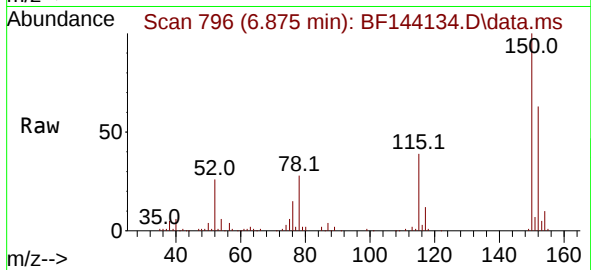




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF144134.D
 Acq: 29 Oct 2025 18:01

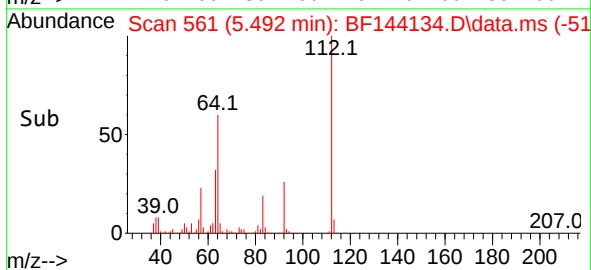
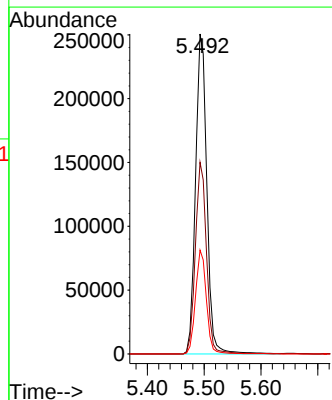
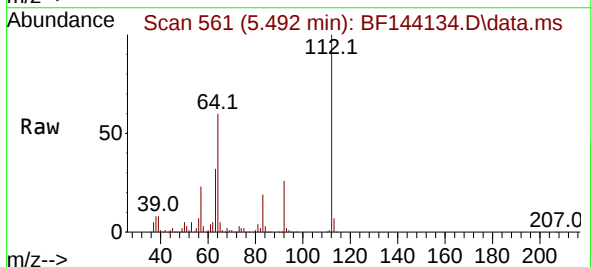
Instrument :
 BNA_F
 ClientSampleId :
 NB-07-102825

Tgt Ion:152 Resp: 61727
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.4 186.6
 115 61.8 49.4 74.0



#5
 2-Fluorophenol
 Concen: 89.226 ng
 RT: 5.492 min Scan# 561
 Delta R.T. 0.000 min
 Lab File: BF144134.D
 Acq: 29 Oct 2025 18:01

Tgt Ion:112 Resp: 348121
 Ion Ratio Lower Upper
 112 100
 64 59.9 49.8 74.8
 63 32.4 27.4 41.2

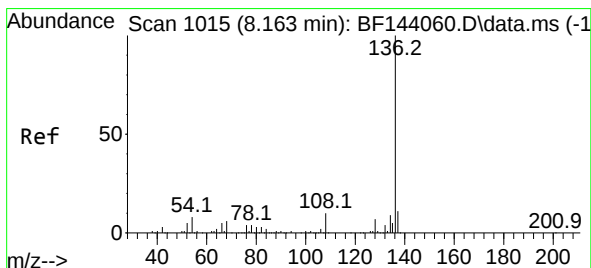
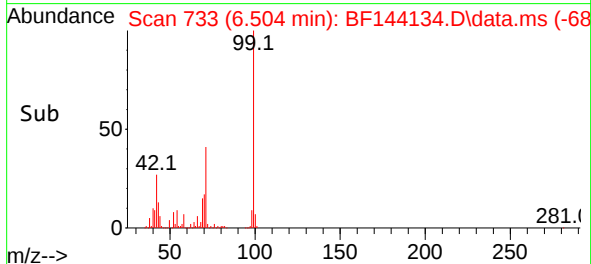
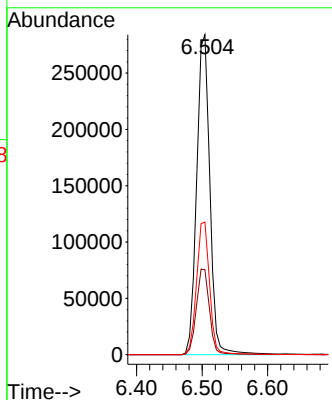
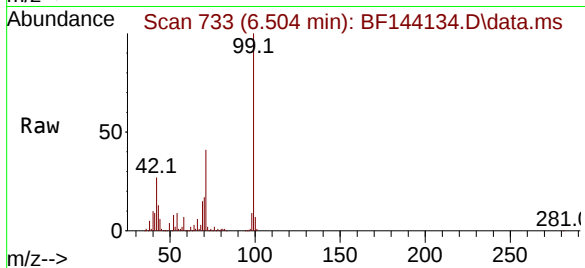




#7
Phenol-d6
Concen: 92.610 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144134.D
Acq: 29 Oct 2025 18:01

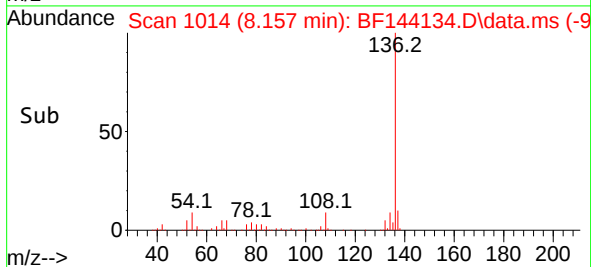
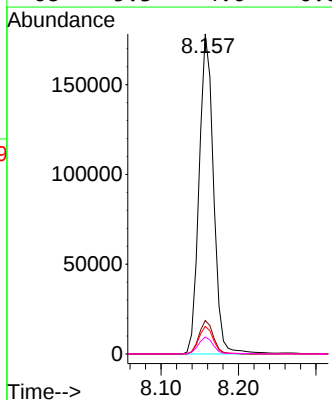
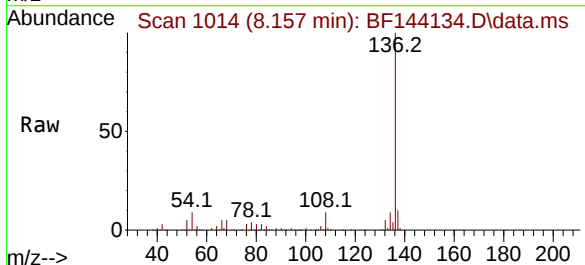
Instrument :
BNA_F
ClientSampleId :
NB-07-102825

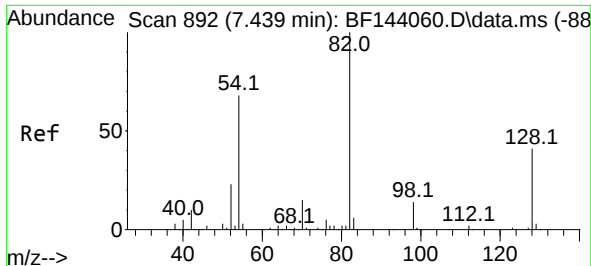
Tgt Ion: 99 Resp: 399043
Ion Ratio Lower Upper
99 100
42 26.5 23.9 35.9
71 41.5 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144134.D
Acq: 29 Oct 2025 18:01

Tgt Ion: 136 Resp: 230215
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.6 6.6 9.8
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 60.539 ng

RT: 7.439 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF144134.D

Acq: 29 Oct 2025 18:01

Instrument :

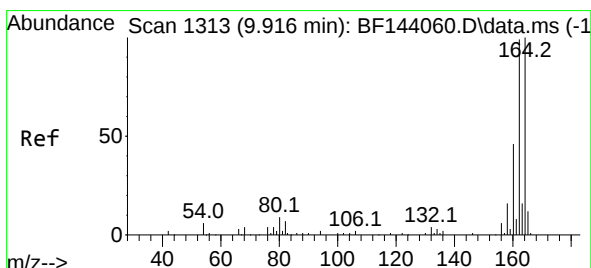
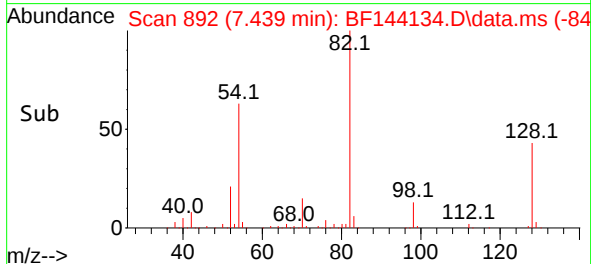
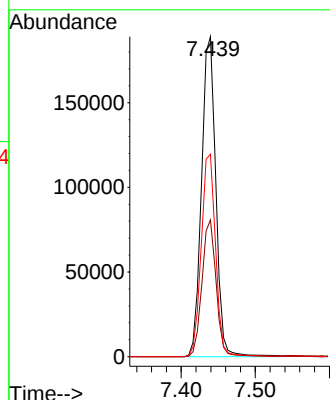
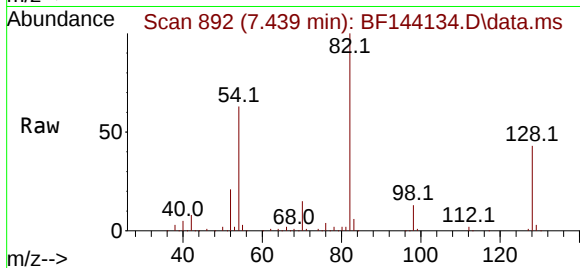
BNA_F

ClientSampleId :

NB-07-102825

Tgt Ion: 82 Resp: 254383

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.4	48.6
54	63.3	54.0	81.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

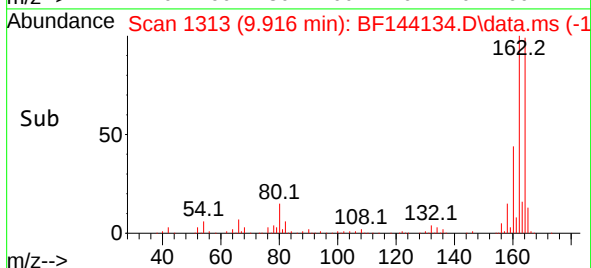
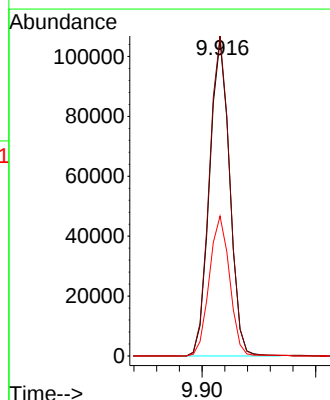
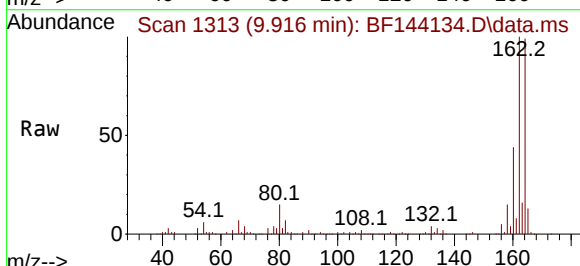
Delta R.T. 0.000 min

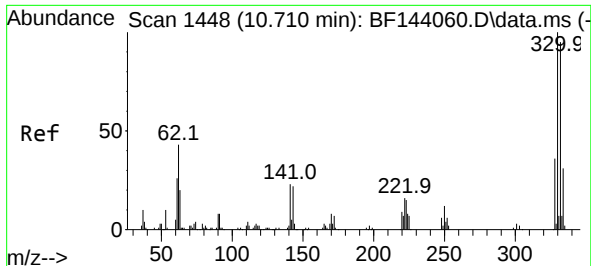
Lab File: BF144134.D

Acq: 29 Oct 2025 18:01

Tgt Ion:164 Resp: 129983

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.4	119.2
160	44.3	36.7	55.1

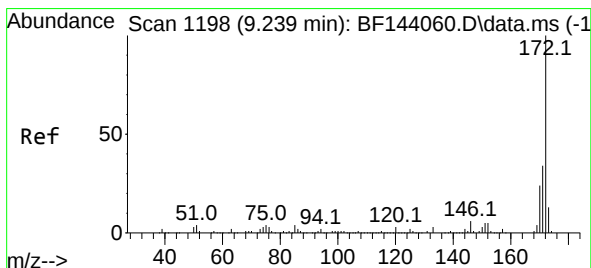
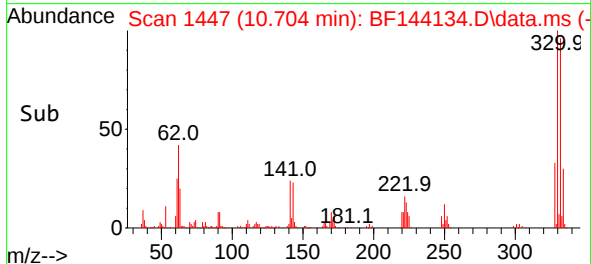
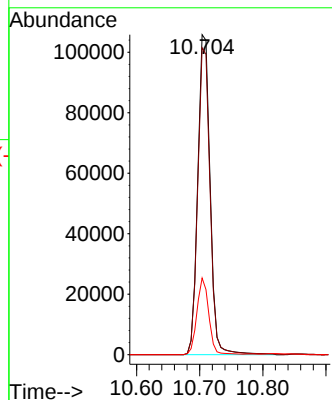
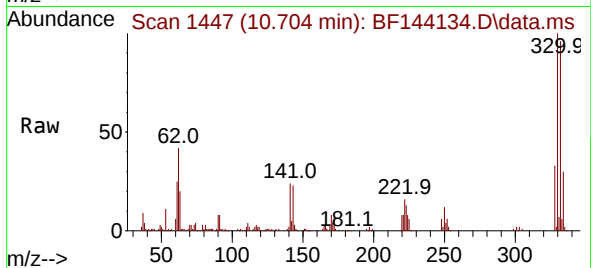




#42
2,4,6-Tribromophenol
Concen: 86.770 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144134.D
Acq: 29 Oct 2025 18:01

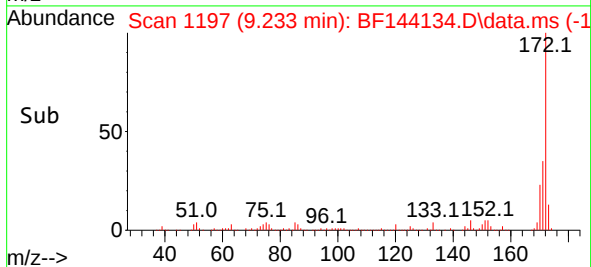
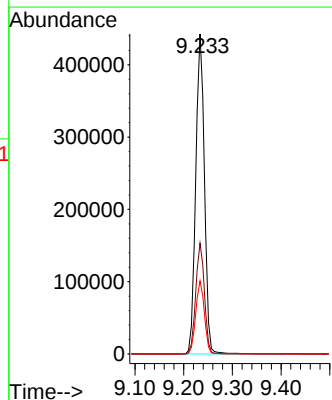
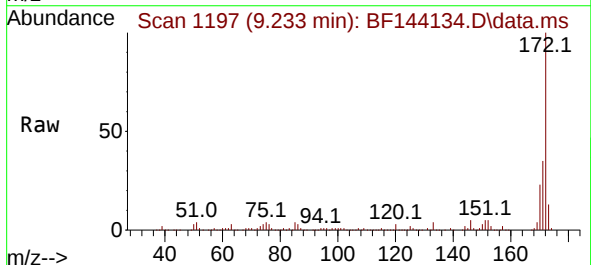
Instrument :
BNA_F
ClientSampleId :
NB-07-102825

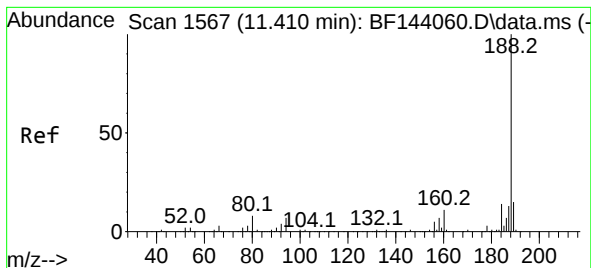
Tgt Ion: 330 Resp: 143668
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 23.0 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 60.047 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144134.D
Acq: 29 Oct 2025 18:01

Tgt Ion: 172 Resp: 554649
Ion Ratio Lower Upper
172 100
171 34.6 27.5 41.3
170 22.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF144134.D

Acq: 29 Oct 2025 18:01

Instrument :

BNA_F

ClientSampleId :

NB-07-102825

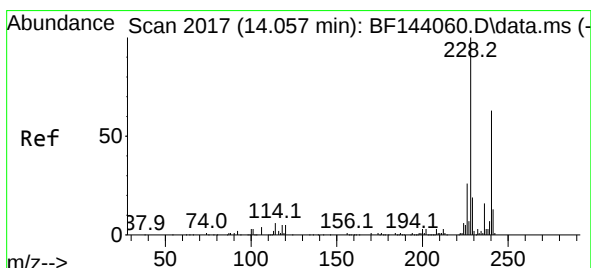
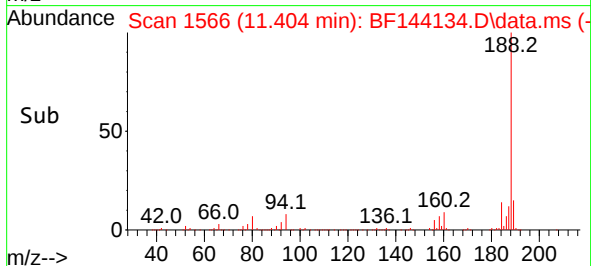
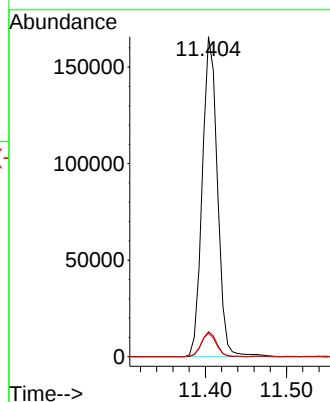
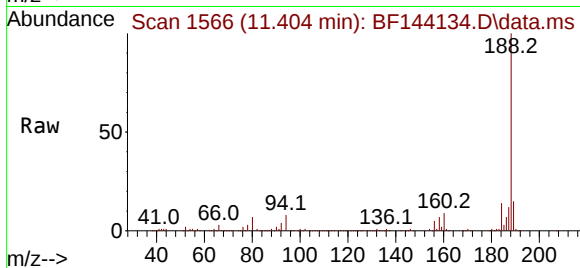
Tgt Ion:188 Resp: 215004

Ion Ratio Lower Upper

188 100

94 7.8 5.4 8.0

80 7.3 6.0 9.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF144134.D

Acq: 29 Oct 2025 18:01

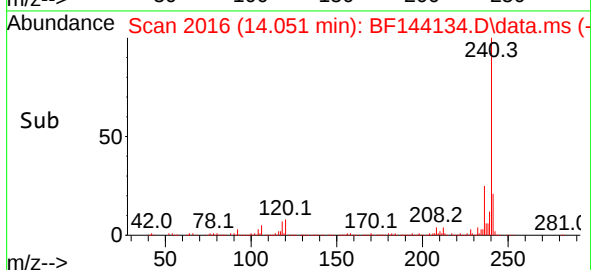
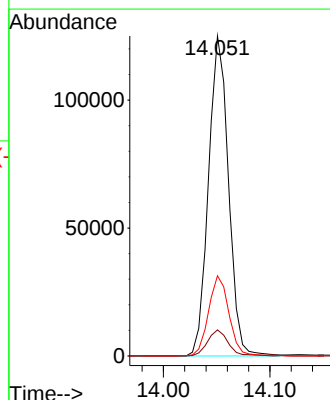
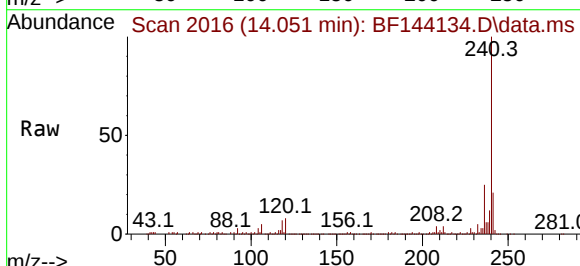
Tgt Ion:240 Resp: 163487

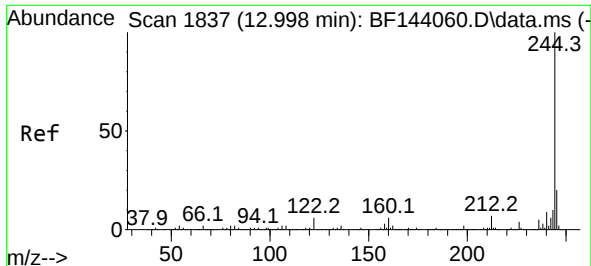
Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 25.0 20.1 30.1

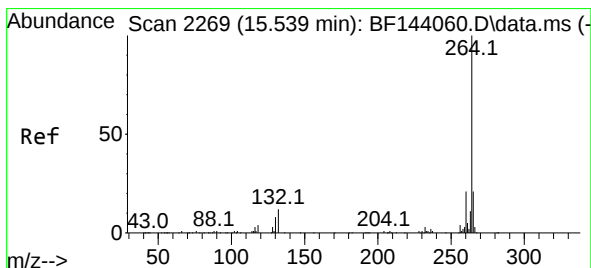
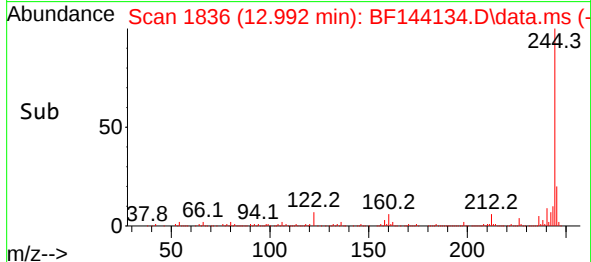
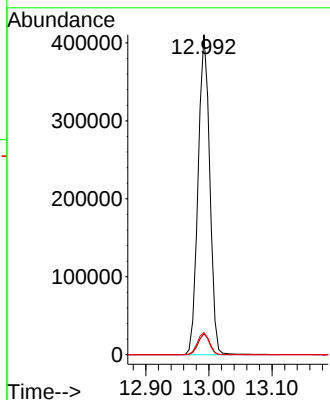
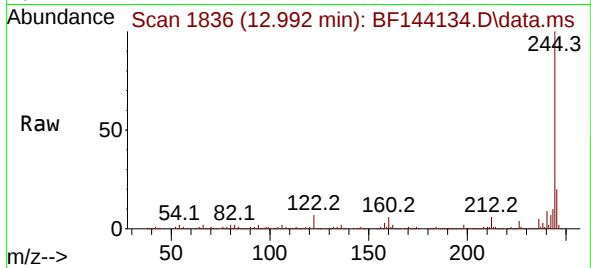




#79
 Terphenyl-d14
 Concen: 56.127 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144134.D
 Acq: 29 Oct 2025 18:01

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-102825

Tgt Ion:244 Resp: 524883
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 6.9 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144134.D
 Acq: 29 Oct 2025 18:01

Tgt Ion:264 Resp: 188777
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.0 25.4
 265 20.6 16.6 24.8

