

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144049.D
Acq On : 22 Oct 2025 18:45
Operator : RC/JU
Sample : Q3412-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

Quant Time: Oct 23 09:02:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	55287	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	196093	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	100995	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	178927	20.000	ng	0.00
76) Chrysene-d12	14.063	240	169657	20.000	ng	0.00
86) Perylene-d12	15.551	264	191757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	419027	120.356	ng	0.01
7) Phenol-d6	6.504	99	425750	102.593	ng	-0.01
23) Nitrobenzene-d5	7.439	82	326323	101.104	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	155689	154.771	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	630666	99.084	ng	-0.01
79) Terphenyl-d14	12.998	244	726427	73.178	ng	-0.01

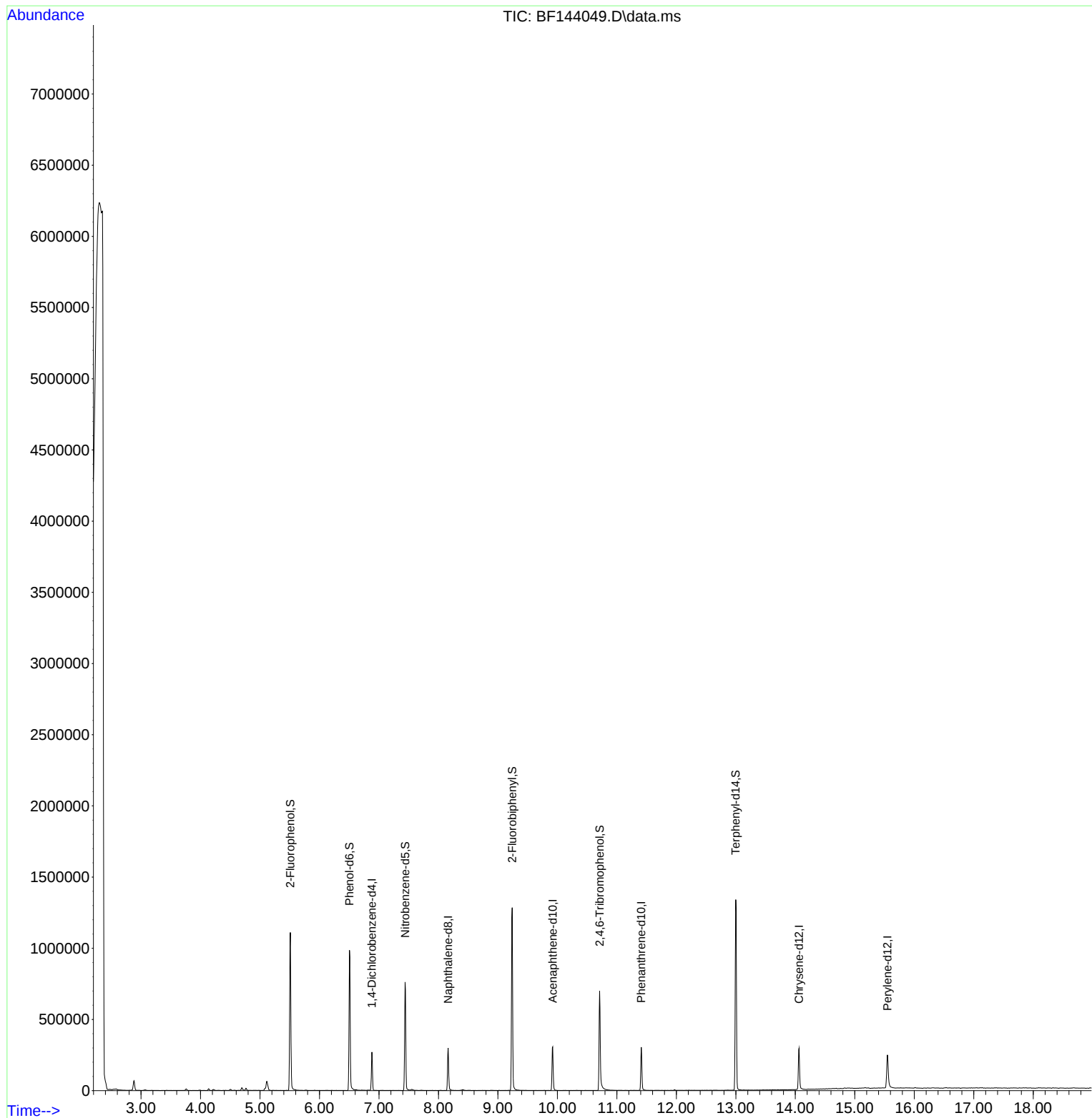
Target Compounds	Qvalue

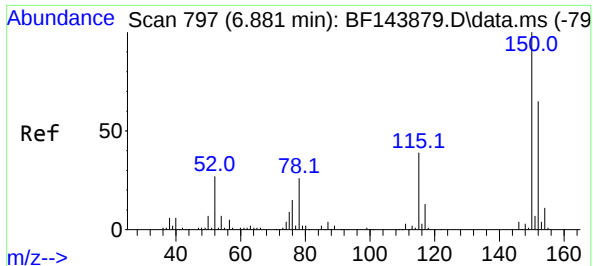
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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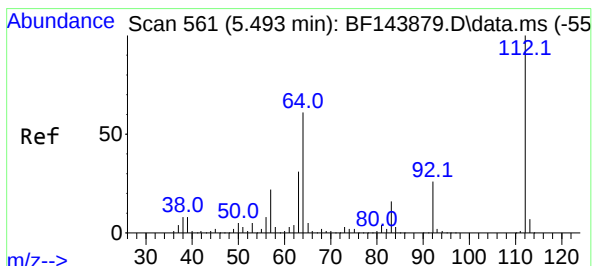
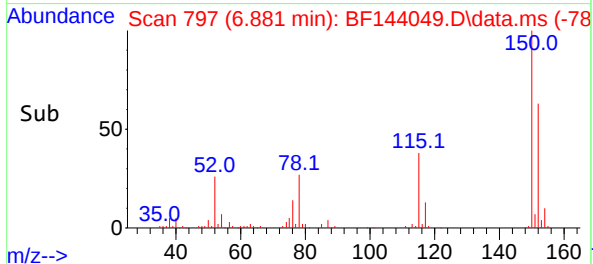
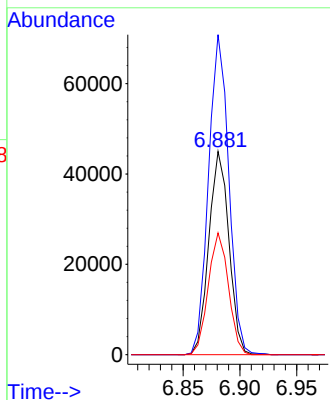
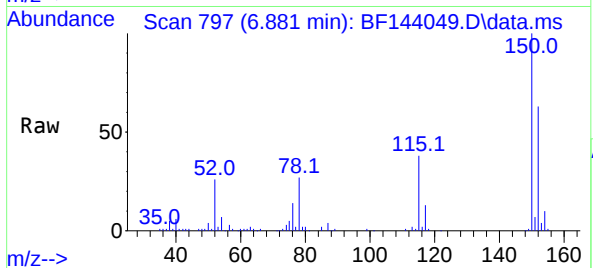




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

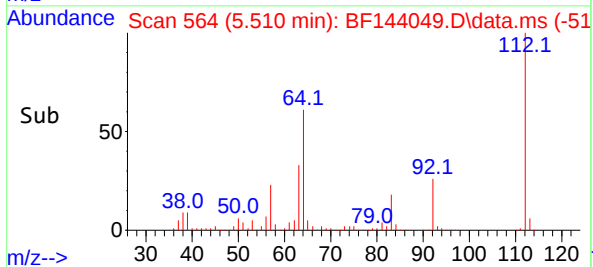
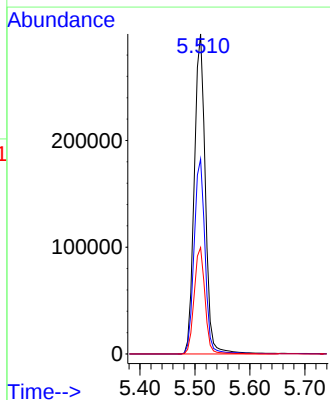
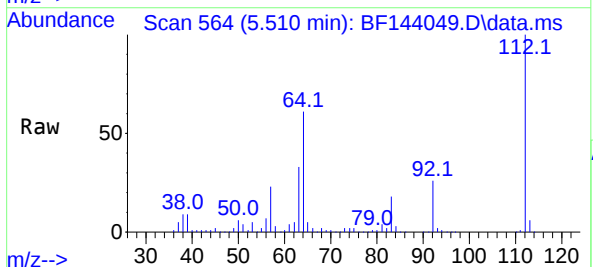
Instrument :
BNA_F
ClientSampleId :
TP-6

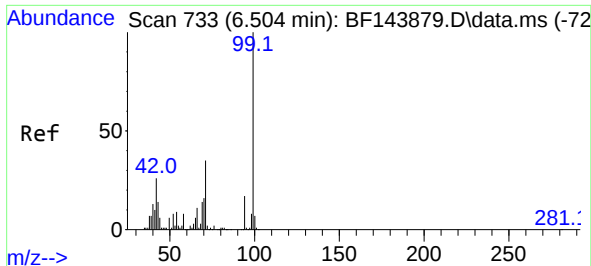
Tgt Ion:152 Resp: 55287
Ion Ratio Lower Upper
152 100
150 157.5 124.4 186.6
115 59.9 48.1 72.1



#5
2-Fluorophenol
Concen: 120.356 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

Tgt Ion:112 Resp: 419027
Ion Ratio Lower Upper
112 100
64 60.9 49.1 73.7
63 33.2 24.5 36.7



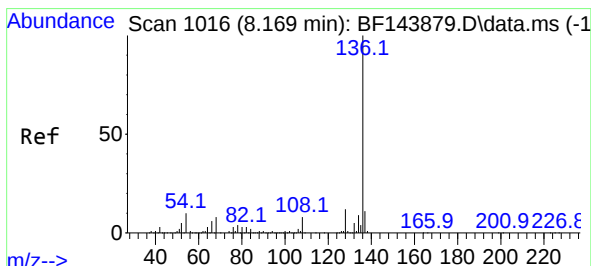
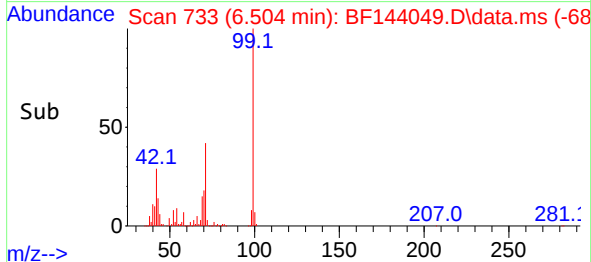
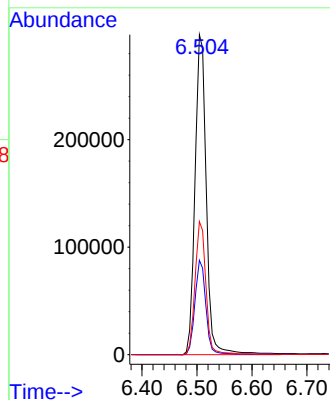
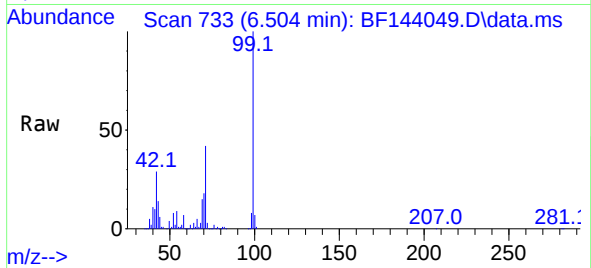


#7
Phenol-d6
Concen: 102.593 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 425750

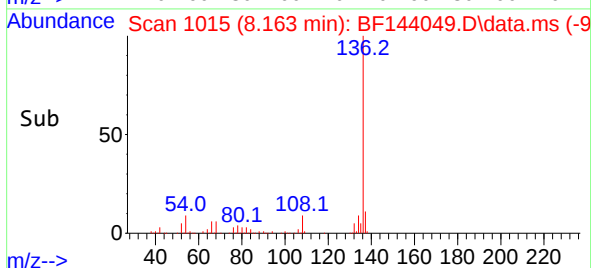
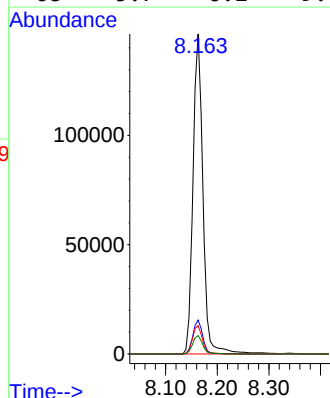
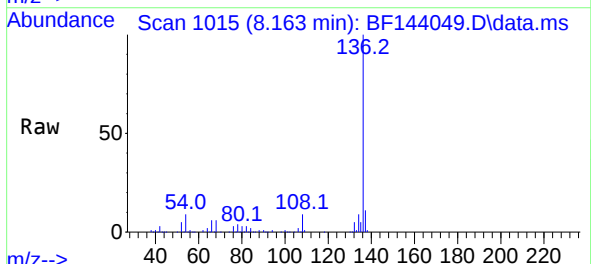
Ion	Ratio	Lower	Upper
99	100		
42	29.5	21.0	31.4
71	41.6	27.8	41.8

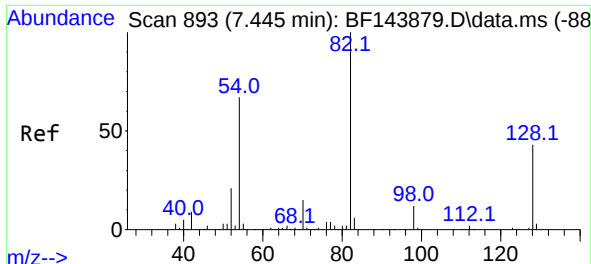


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

Tgt Ion: 136 Resp: 196093

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	8.8	8.2	12.4
68	5.7	6.2	9.4

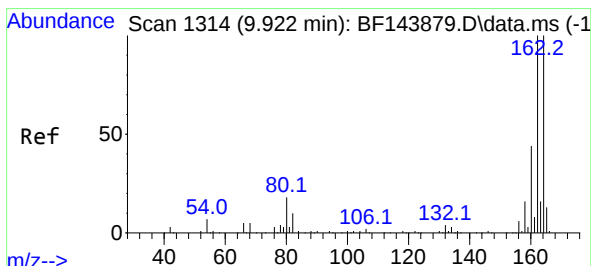
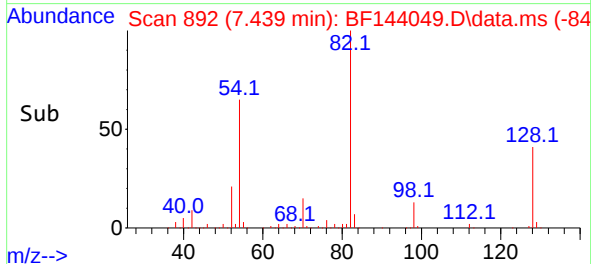
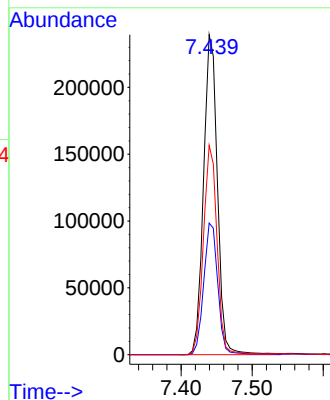
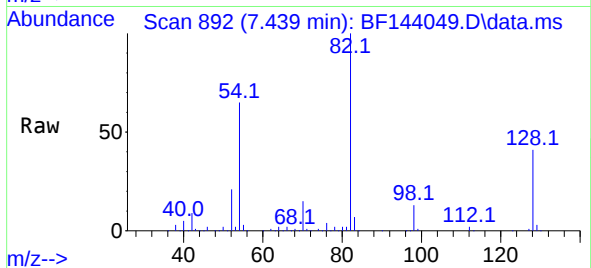




#23
Nitrobenzene-d5
Concen: 101.104 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

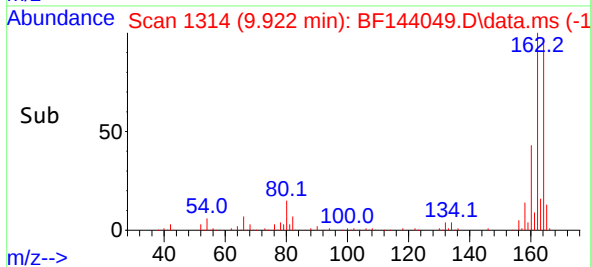
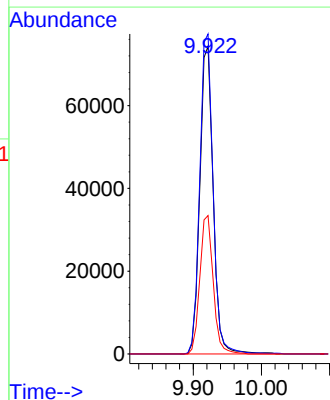
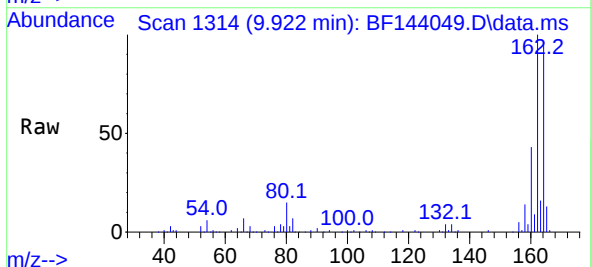
Instrument :
BNA_F
ClientSampleId :
TP-6

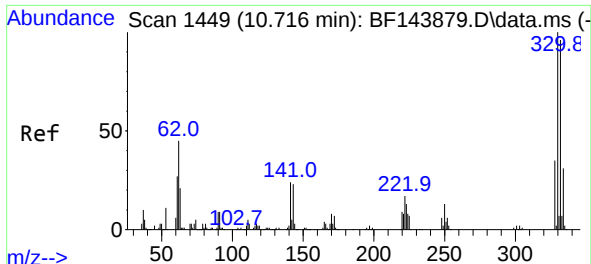
Tgt Ion: 82 Resp: 326323
Ion Ratio Lower Upper
82 100
128 41.1 34.0 51.0
54 65.5 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

Tgt Ion:164 Resp: 100995
Ion Ratio Lower Upper
164 100
162 104.0 80.2 120.2
160 45.0 35.4 53.0

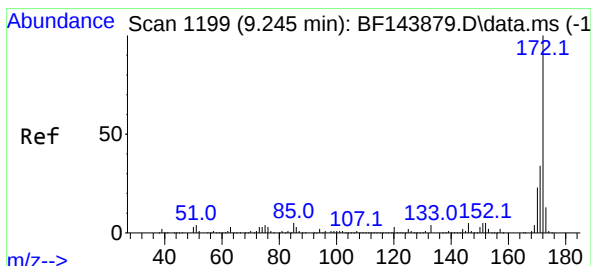
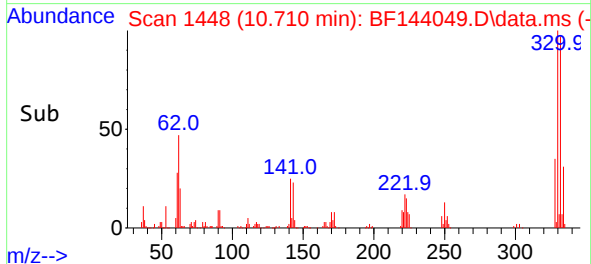
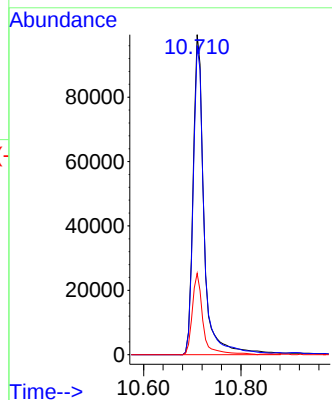
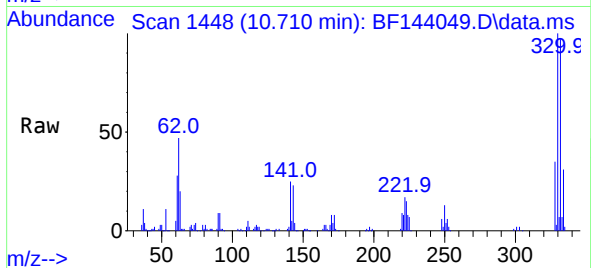




#42
2,4,6-Tribromophenol
Concen: 154.771 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

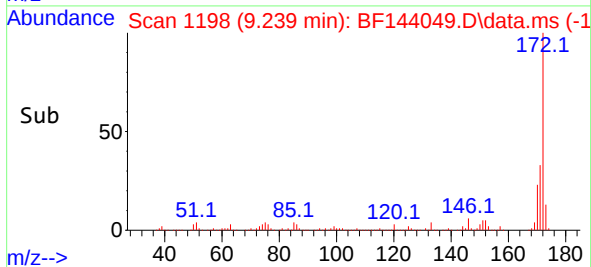
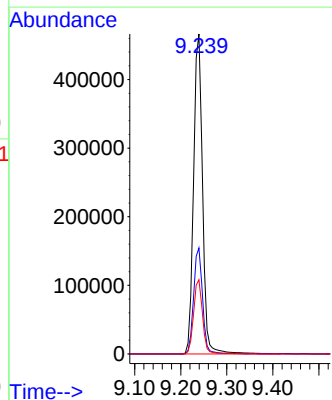
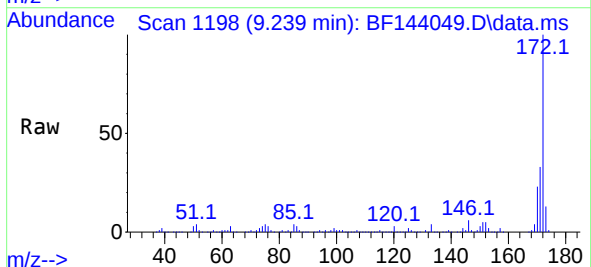
Instrument :
BNA_F
ClientSampleId :
TP-6

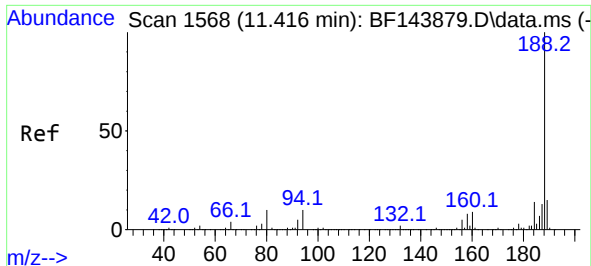
Tgt Ion:330 Resp: 155689
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 24.8 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 99.084 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

Tgt Ion:172 Resp: 630666
Ion Ratio Lower Upper
172 100
171 33.2 27.4 41.0
170 23.2 18.6 28.0

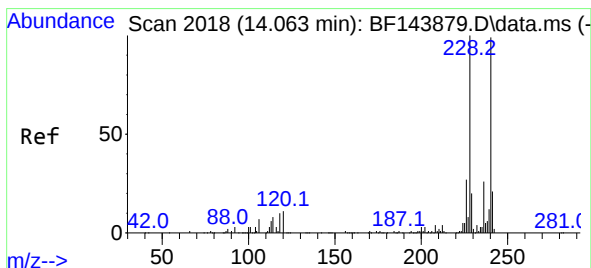
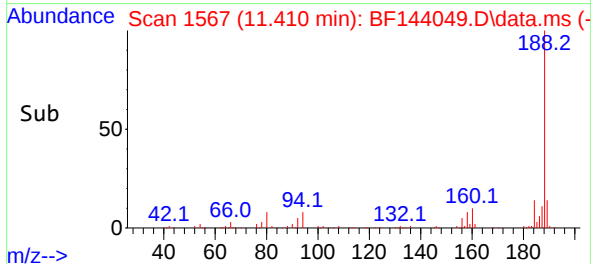
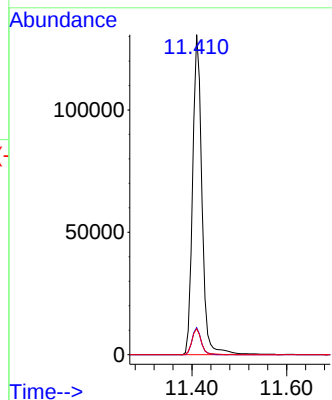
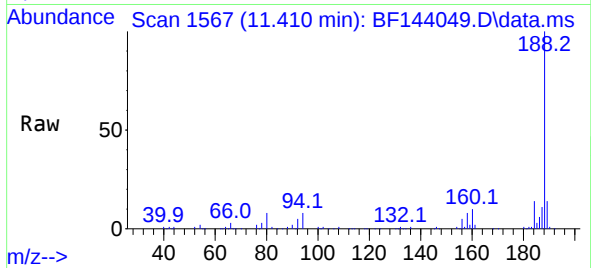




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

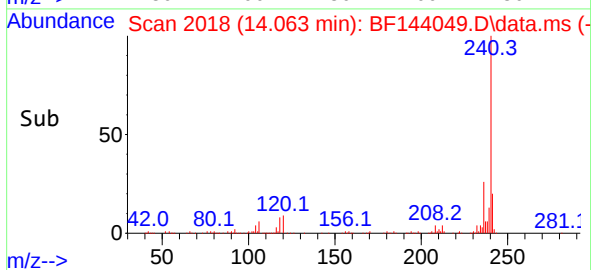
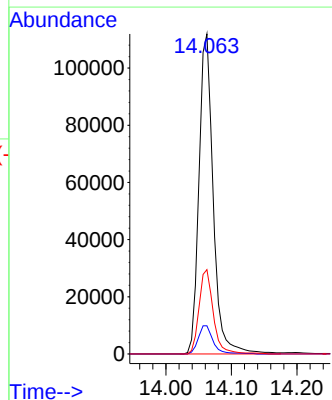
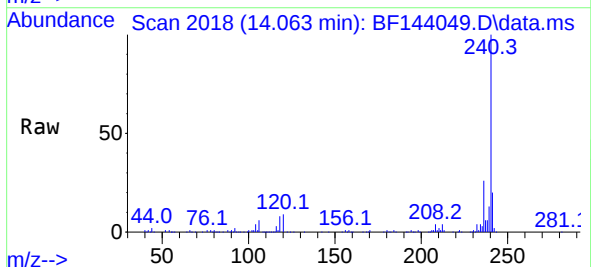
Instrument :
BNA_F
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TP-6

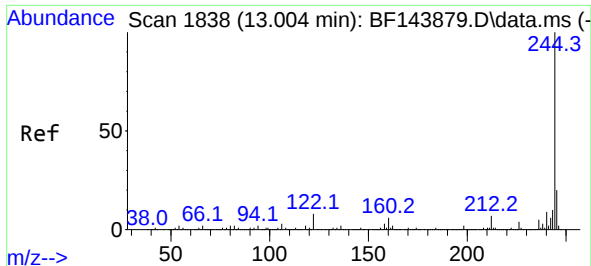
Tgt Ion:188 Resp: 178927
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144049.D
Acq: 22 Oct 2025 18:45

Tgt Ion:240 Resp: 169657
Ion Ratio Lower Upper
240 100
120 8.8 8.6 13.0
236 26.4 21.1 31.7

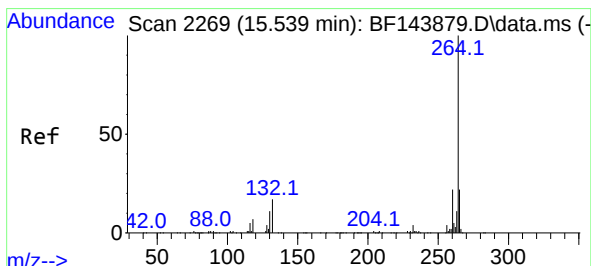
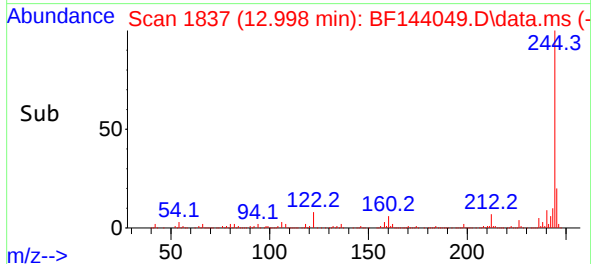
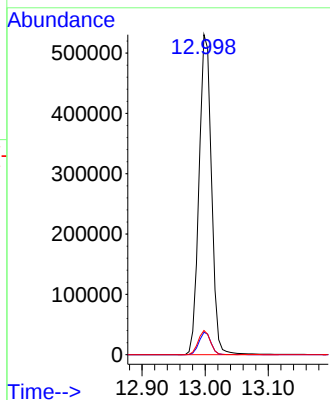
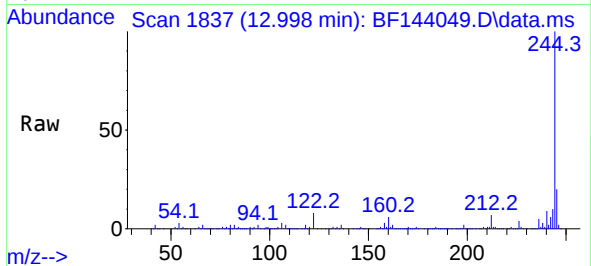




#79
 Terphenyl-d14
 Concen: 73.178 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144049.D
 Acq: 22 Oct 2025 18:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:244 Resp: 726427
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 7.6 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF144049.D
 Acq: 22 Oct 2025 18:45

Tgt Ion:264 Resp: 191757
 Ion Ratio Lower Upper
 264 100
 260 20.7 17.8 26.8
 265 21.9 17.5 26.3

