

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144158.D
 Acq On : 31 Oct 2025 00:08
 Operator : RC/JU
 Sample : Q3488-04 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0302-0310

Quant Time: Oct 31 01:04:17 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	6.881	152	50833	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	171060	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	54258	20.000	ng	0.01
64) Phenanthrene-d10	11.457	188	73871	20.000	ng	# 0.05
76) Chrysene-d12	14.068	240	170949	20.000	ng	0.01
86) Perylene-d12	15.545	264	140600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	3171	0.987	ng	0.02
7) Phenol-d6	6.516	99	10265	2.893	ng	0.01
23) Nitrobenzene-d5	7.439	82	11088	3.551	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	8033	11.623	ng	0.02
45) 2-Fluorobiphenyl	9.239	172	37439	9.710	ng	0.00
79) Terphenyl-d14	13.039	244	46488	4.754	ng	0.04

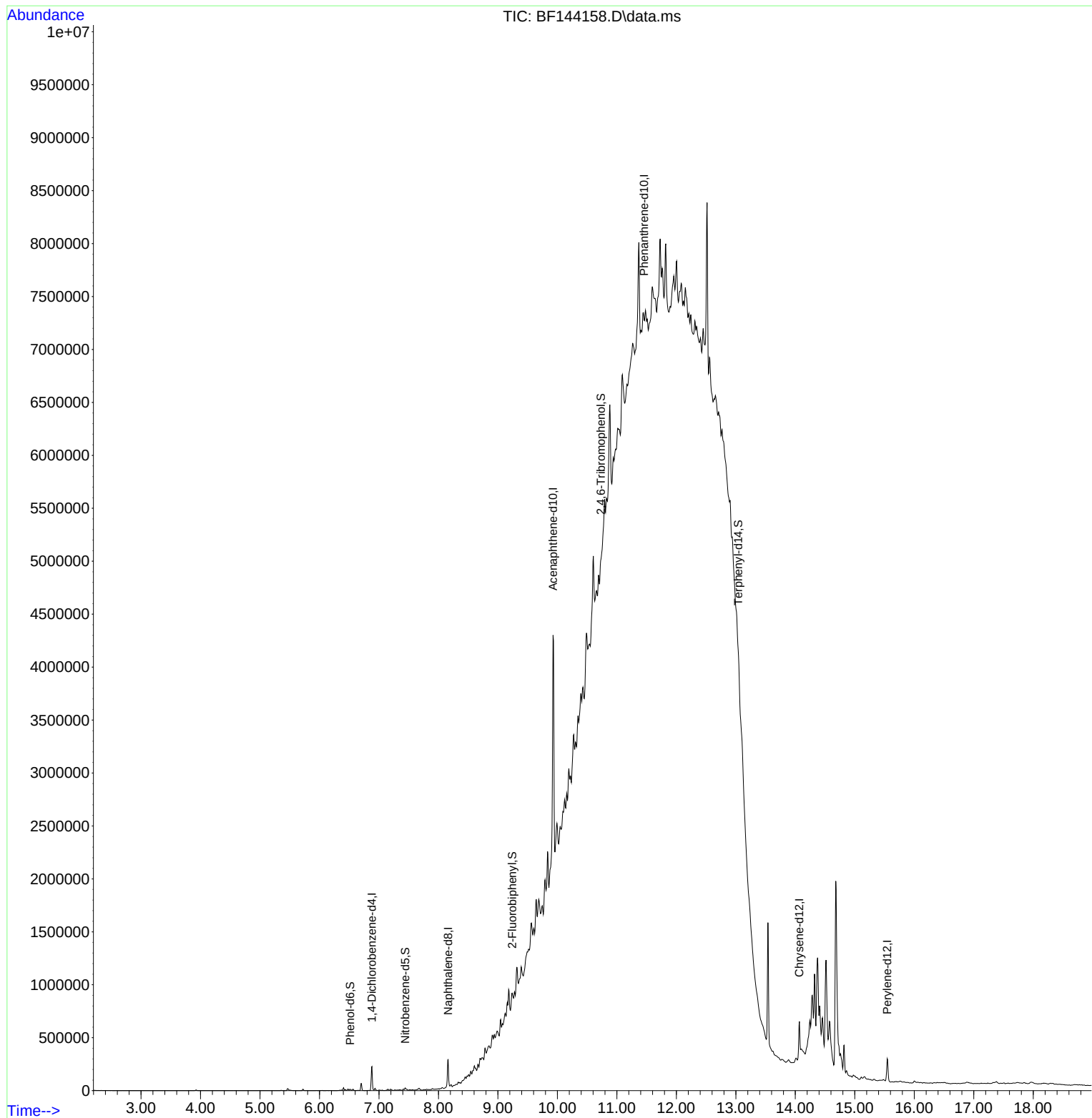
Target Compounds	Qvalue

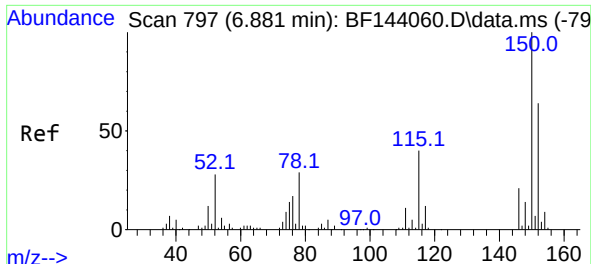
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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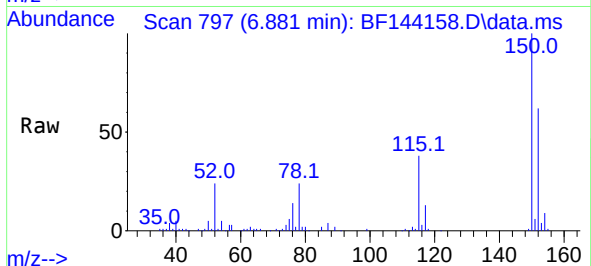
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
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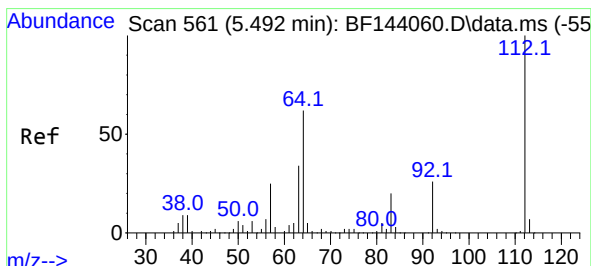
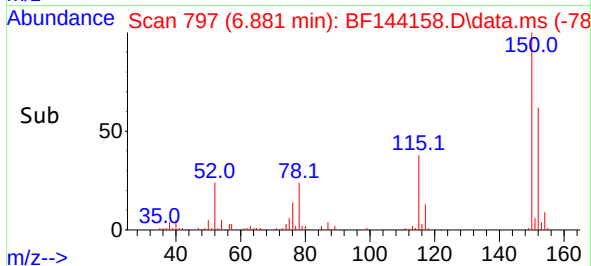
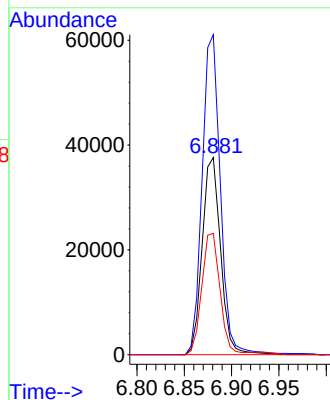


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

Instrument :
BNA_F
ClientSampleId :
MOO-25-0302-0310

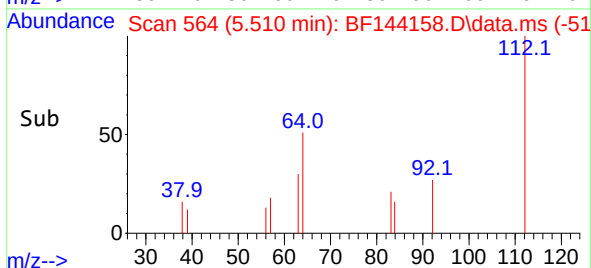
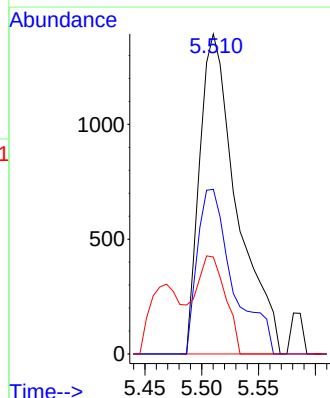
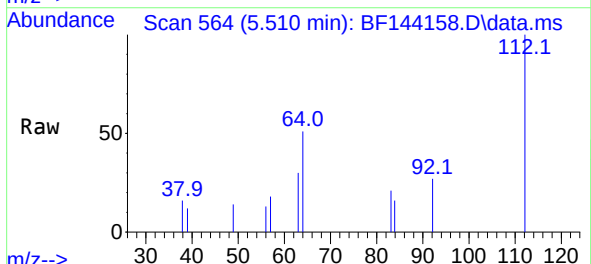


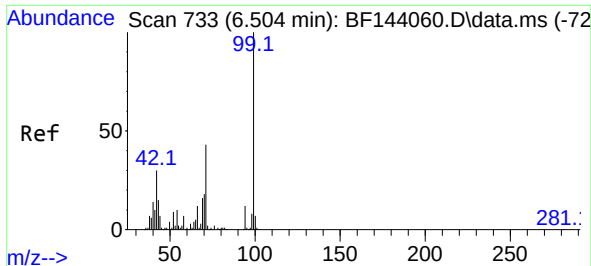
Tgt Ion:152 Resp: 50833
Ion Ratio Lower Upper
152 100
150 162.3 124.4 186.6
115 61.5 49.4 74.0



#5
2-Fluorophenol
Concen: 0.987 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

Tgt Ion:112 Resp: 3171
Ion Ratio Lower Upper
112 100
64 51.4 49.8 74.8
63 30.3 27.4 41.2

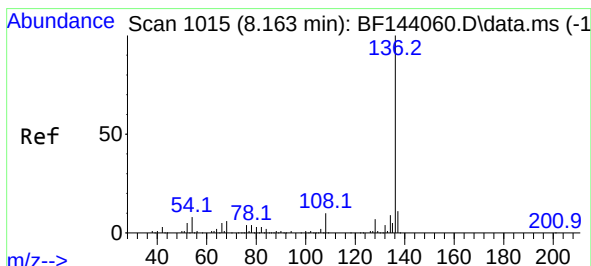
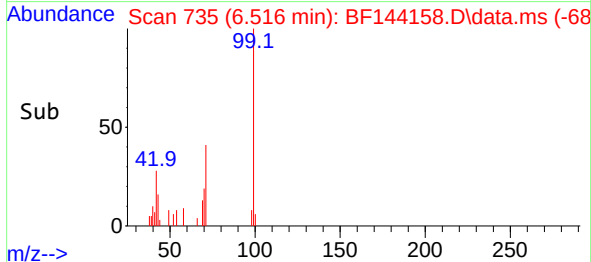
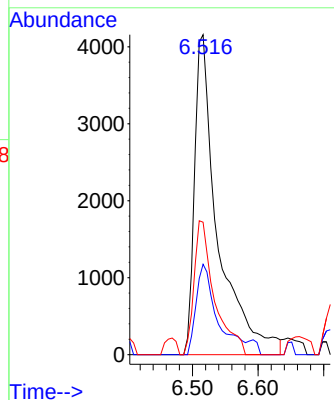
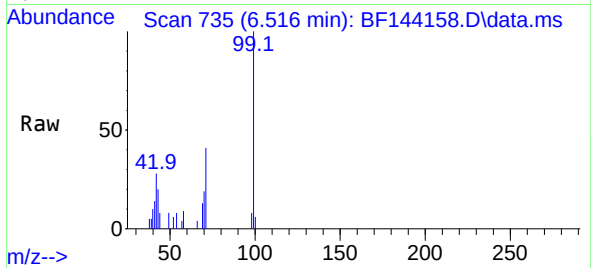




#7
Phenol-d6
Concen: 2.893 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

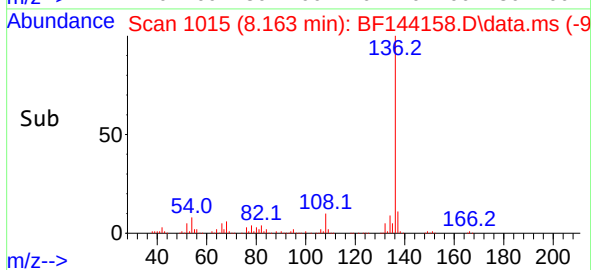
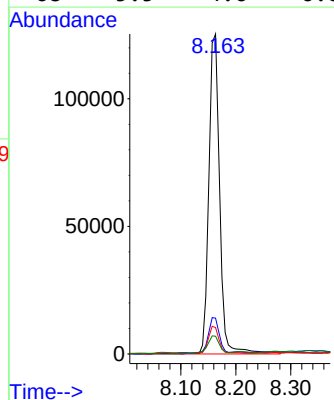
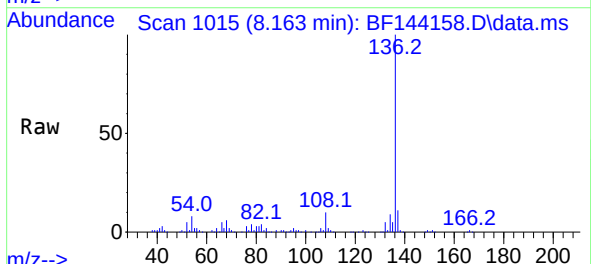
Instrument :
BNA_F
ClientSampleId :
MOO-25-0302-0310

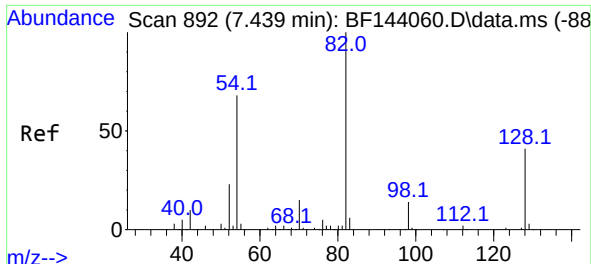
Tgt Ion: 99 Resp: 10265
Ion Ratio Lower Upper
99 100
42 28.3 23.9 35.9
71 41.4 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

Tgt Ion:136 Resp: 171060
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.3 6.6 9.8
68 5.5 4.6 6.8

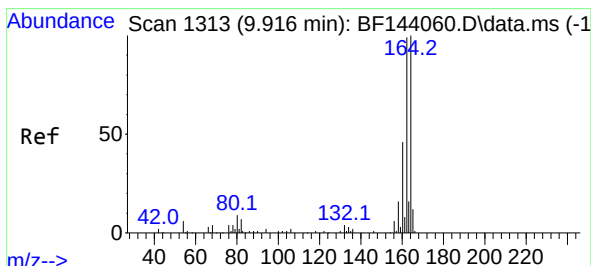
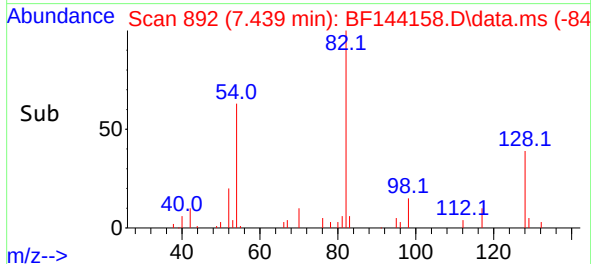
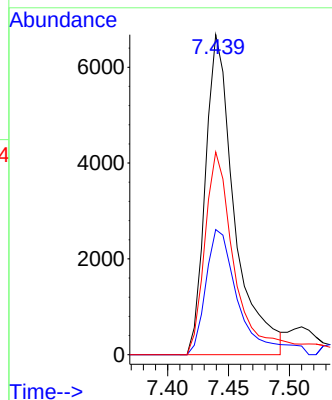
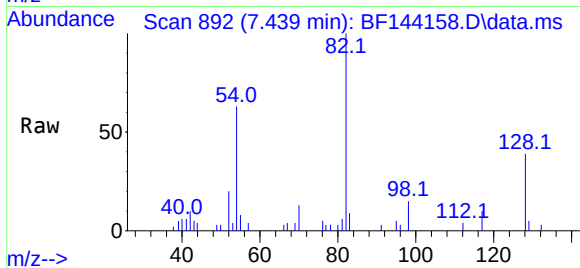




#23
Nitrobenzene-d5
Concen: 3.551 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

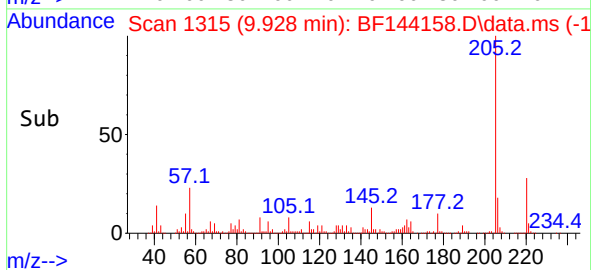
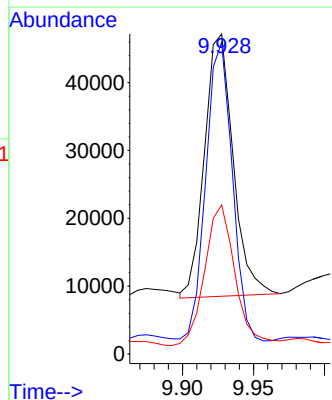
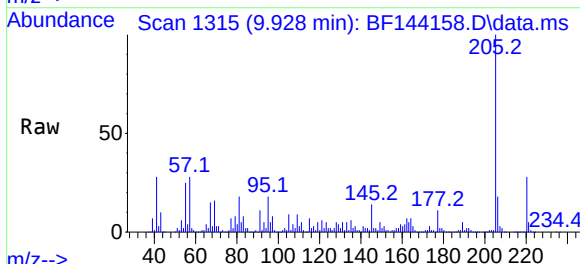
Instrument :
BNA_F
ClientSampleId :
MOO-25-0302-0310

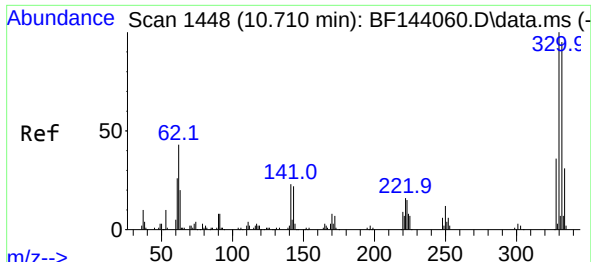
Tgt Ion:	82	Resp:	11088
Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.4	48.6
54	63.4	54.0	81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1315
Delta R.T. 0.012 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

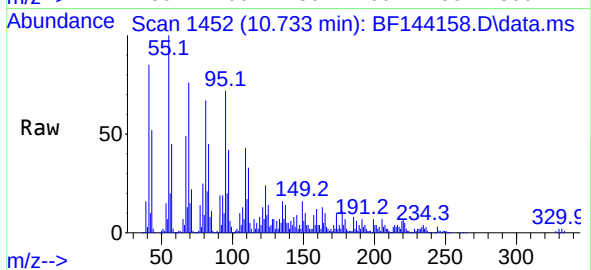
Tgt Ion:	164	Resp:	54258
Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.4	119.2
160	46.6	36.7	55.1



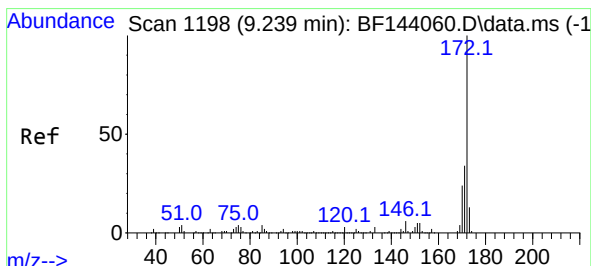
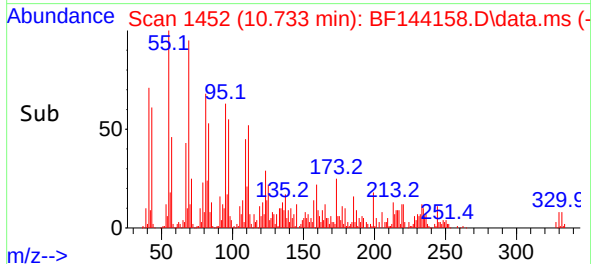
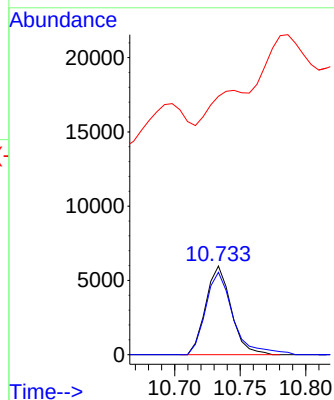


#42
2,4,6-Tribromophenol
Concen: 11.623 ng
RT: 10.733 min Scan# 1448
Delta R.T. 0.024 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

Instrument :
BNA_F
ClientSampleId :
MOO-25-0302-0310

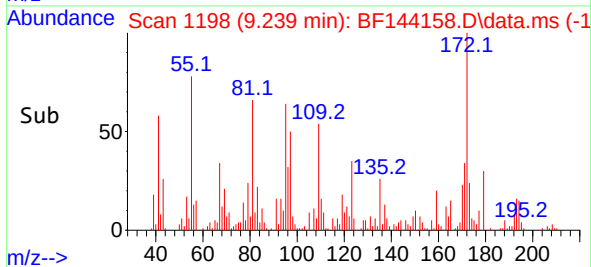
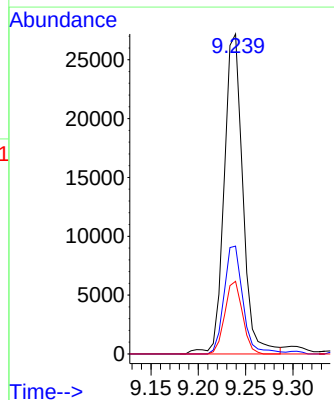
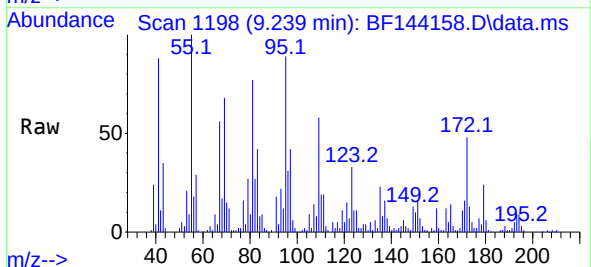


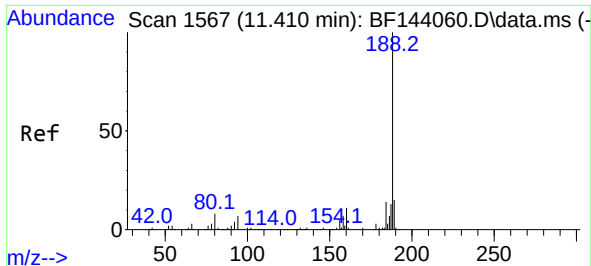
Tgt Ion:330 Resp: 8033
Ion Ratio Lower Upper
330 100
332 100.8 77.0 115.6
141 57.4 19.4 29.0#



#45
2-Fluorobiphenyl
Concen: 9.710 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

Tgt Ion:172 Resp: 37439
Ion Ratio Lower Upper
172 100
171 33.7 27.5 41.3
170 22.7 19.0 28.6

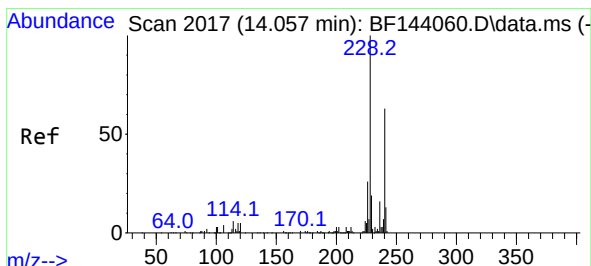
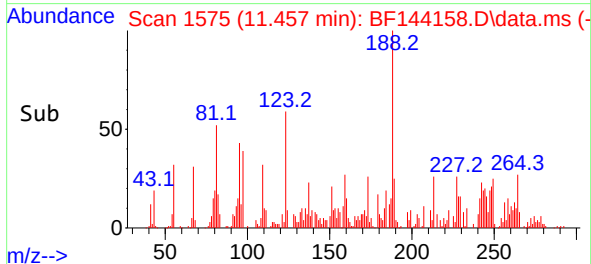
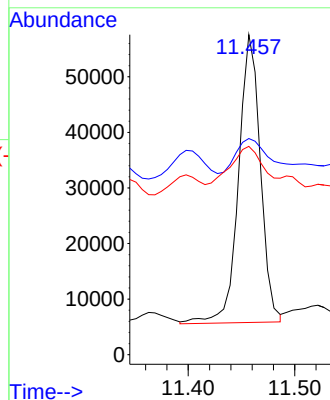
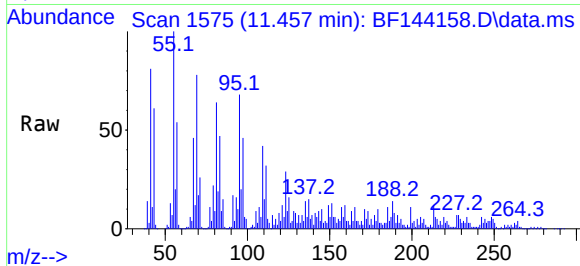




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

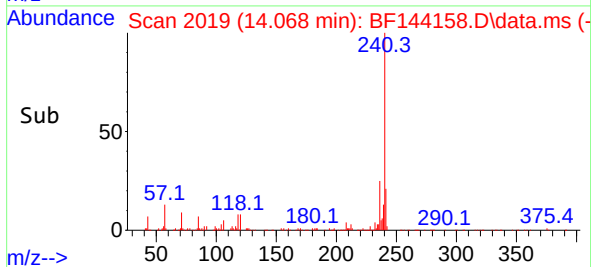
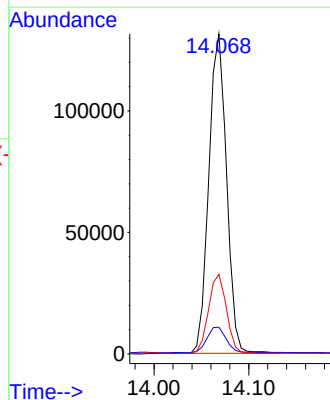
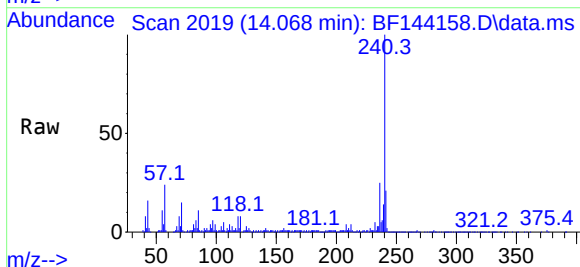
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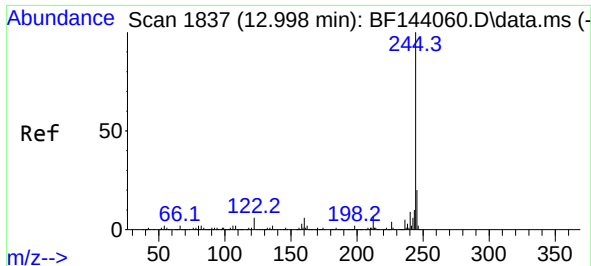
Tgt Ion:188 Resp: 73871
Ion Ratio Lower Upper
188 100
94 67.5 5.4 8.0#
80 65.1 6.0 9.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF144158.D
Acq: 31 Oct 2025 00:08

Tgt Ion:240 Resp: 170949
Ion Ratio Lower Upper
240 100
120 8.3 6.5 9.7
236 24.9 20.1 30.1

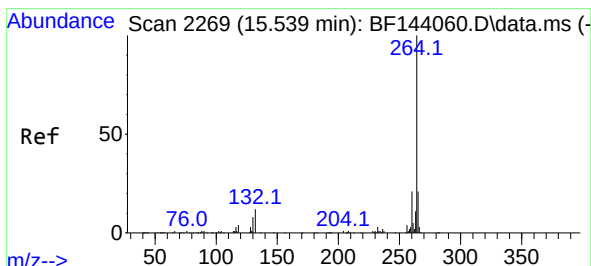
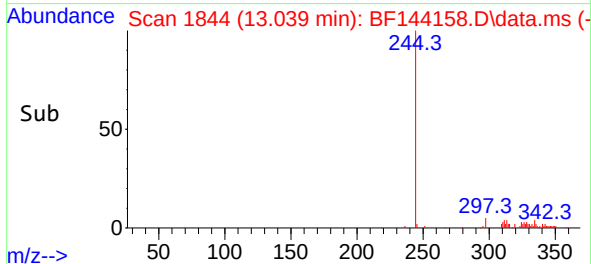
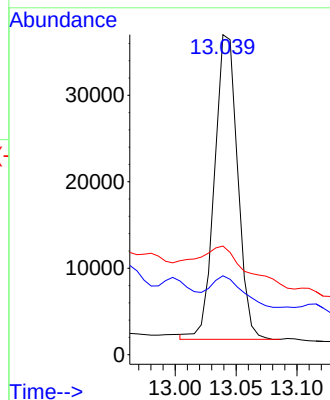
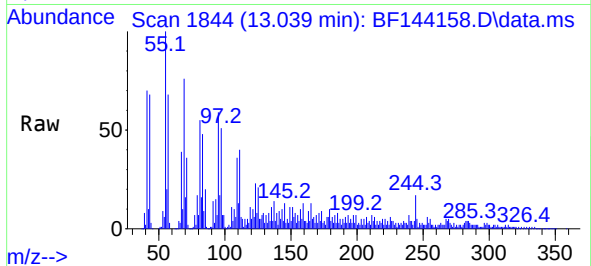




#79
 Terphenyl-d14
 Concen: 4.754 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.041 min
 Lab File: BF144158.D
 Acq: 31 Oct 2025 00:08

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0302-0310

Tgt Ion:244 Resp: 46488
 Ion Ratio Lower Upper
 244 100
 212 24.7 5.8 8.6#
 122 34.0 4.9 7.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.006 min
 Lab File: BF144158.D
 Acq: 31 Oct 2025 00:08

Tgt Ion:264 Resp: 140600
 Ion Ratio Lower Upper
 264 100
 260 22.3 17.0 25.4
 265 21.1 16.6 24.8

