

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144119.D
 Acq On : 29 Oct 2025 00:09
 Operator : RC/JU
 Sample : Q3447-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-TW3-251023-01

Quant Time: Oct 29 05:49:11 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	74206	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	288956	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	160721	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	268460	20.000	ng	0.00
76) Chrysene-d12	14.051	240	171657	20.000	ng	0.00
86) Perylene-d12	15.539	264	207654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	533577	113.761	ng	0.02
7) Phenol-d6	6.510	99	564129	108.906	ng	0.00
23) Nitrobenzene-d5	7.440	82	431333	81.782	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	265839	129.850	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	882921	77.306	ng	0.00
79) Terphenyl-d14	12.998	244	820850	83.598	ng	0.00

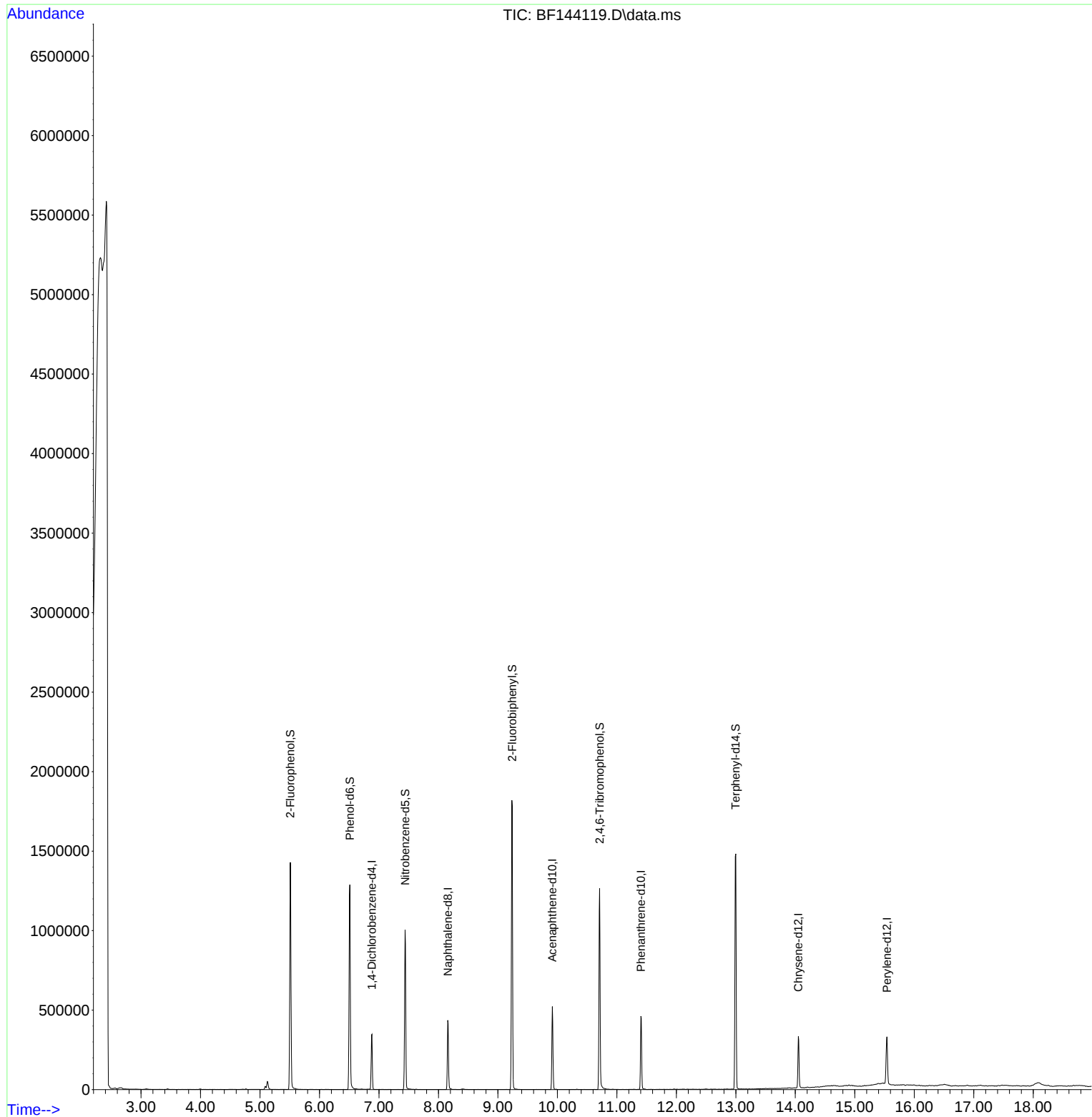
Target Compounds	Qvalue

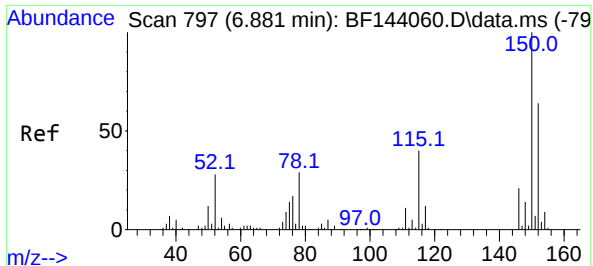
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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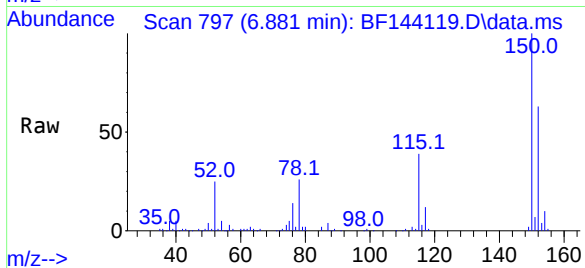
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
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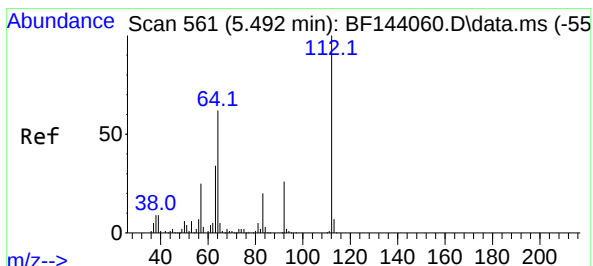
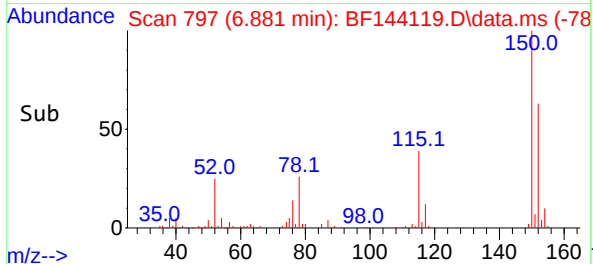
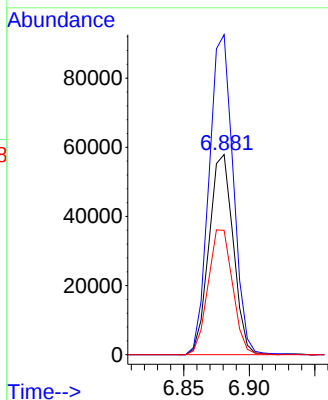


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

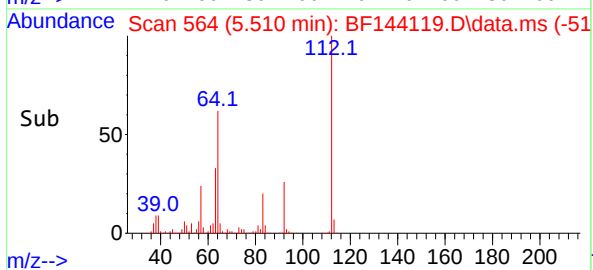
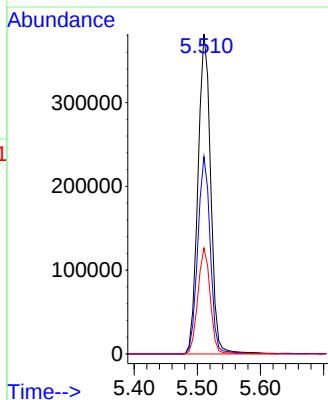
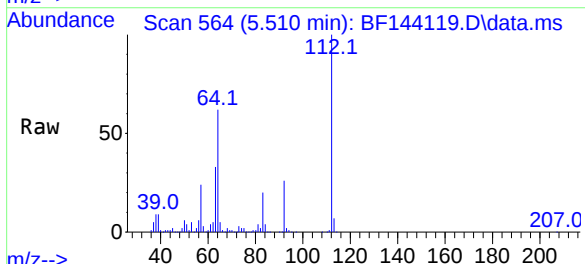


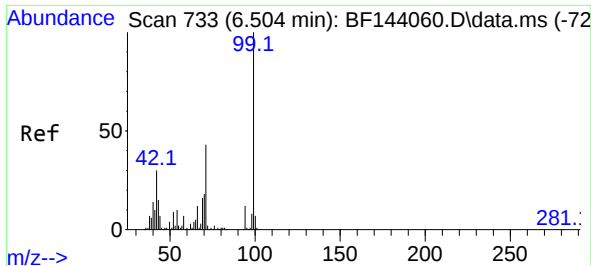
Tgt Ion:152 Resp: 74206
Ion Ratio Lower Upper
152 100
150 159.8 124.4 186.6
115 62.1 49.4 74.0



#5
2-Fluorophenol
Concen: 113.761 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:112 Resp: 533577
Ion Ratio Lower Upper
112 100
64 61.6 49.8 74.8
63 33.1 27.4 41.2



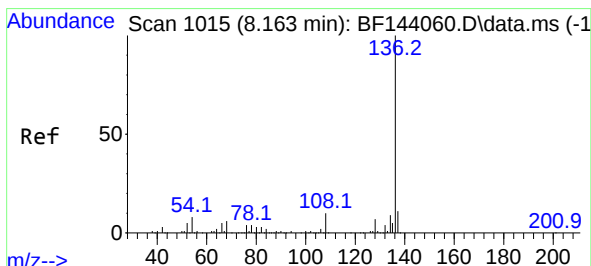
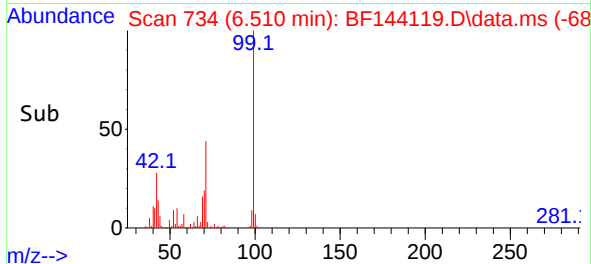
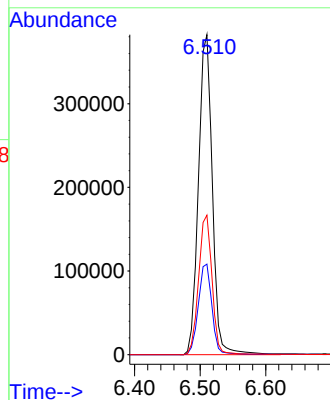
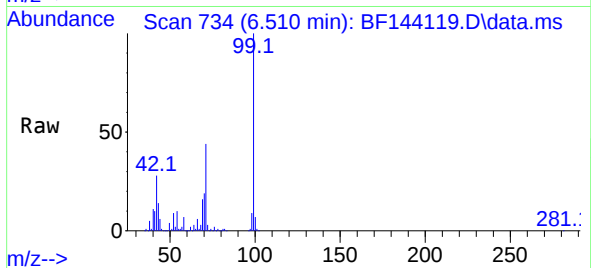


#7
Phenol-d6
Concen: 108.906 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

Tgt Ion: 99 Resp: 564129

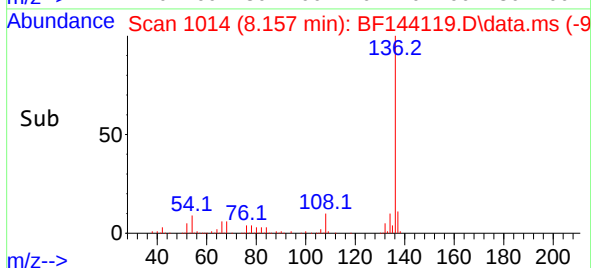
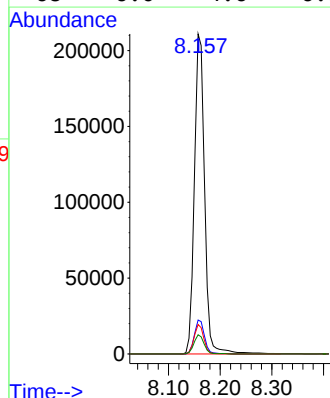
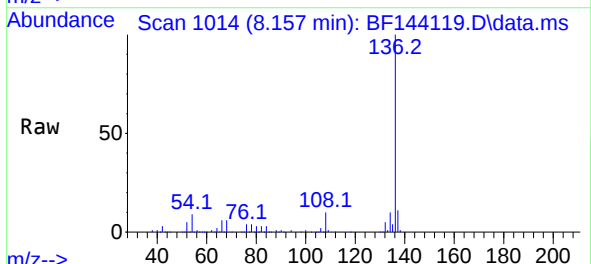
Ion	Ratio	Lower	Upper
99	100		
42	28.3	23.9	35.9
71	43.6	34.4	51.6

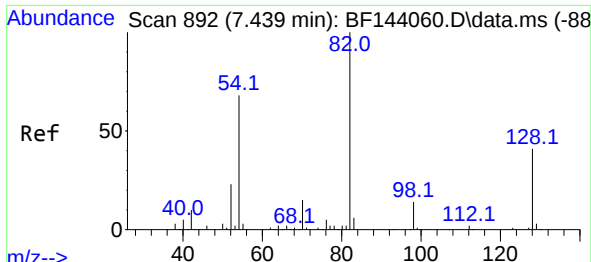


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion: 136 Resp: 288956

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.2	6.6	9.8
68	6.0	4.6	6.8

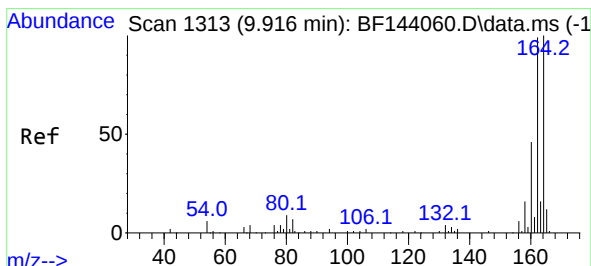
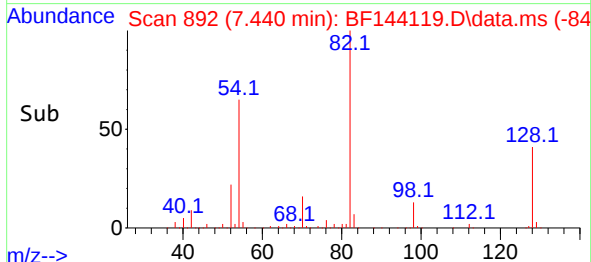
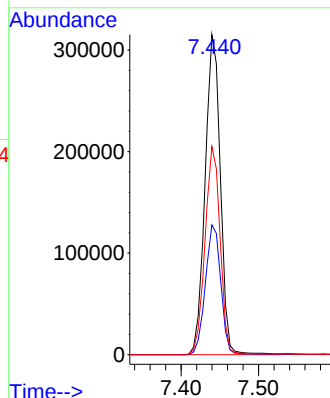
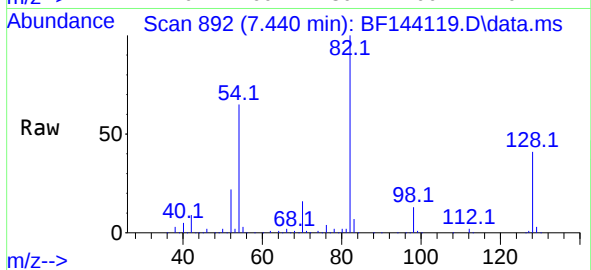




#23
Nitrobenzene-d5
Concen: 81.782 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

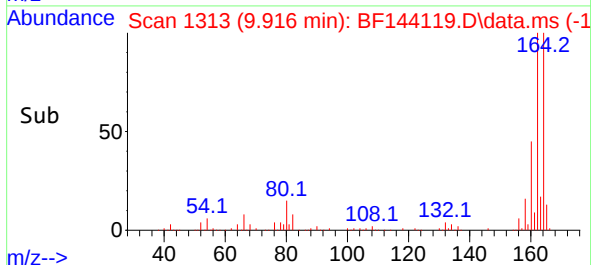
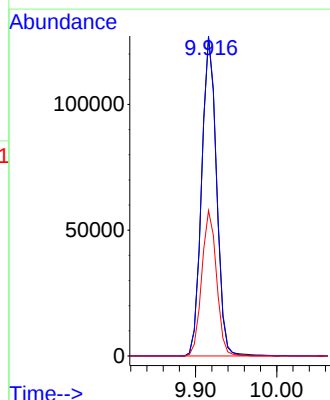
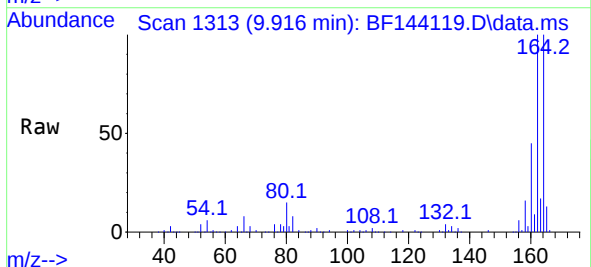
Instrument :
BNA_F
ClientSampleId :
P001-TW3-251023-01

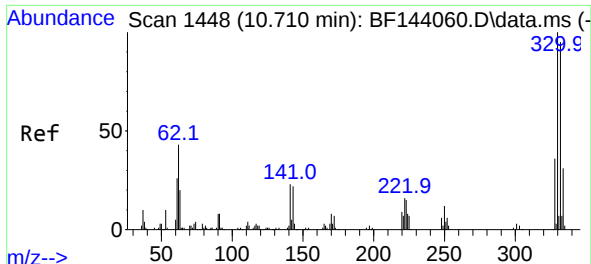
Tgt Ion: 82 Resp: 431333
Ion Ratio Lower Upper
82 100
128 40.5 32.4 48.6
54 65.0 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:164 Resp: 160721
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 45.6 36.7 55.1

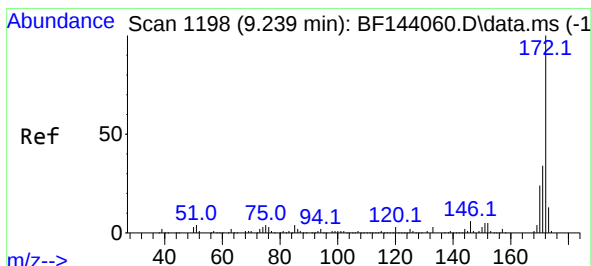
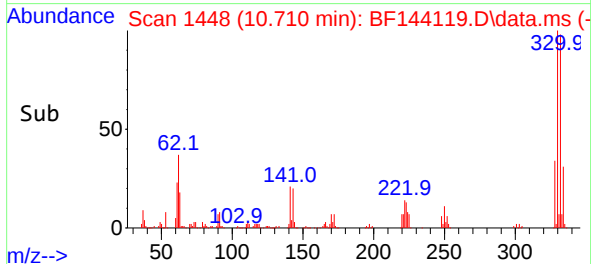
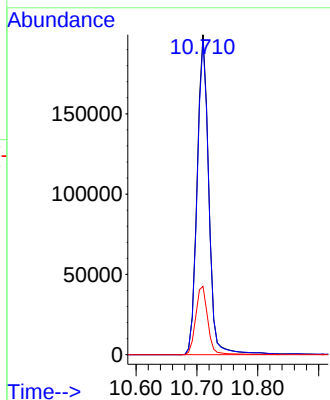
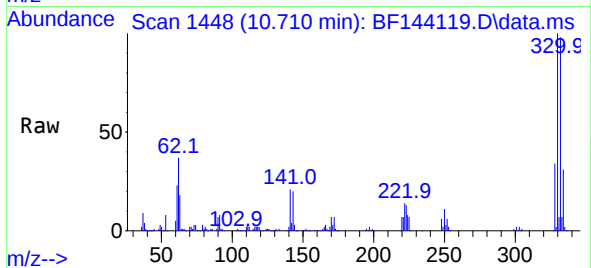




#42
2,4,6-Tribromophenol
Concen: 129.850 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

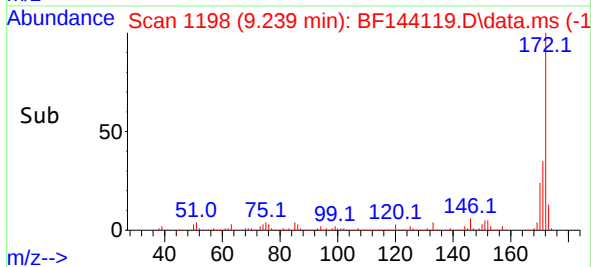
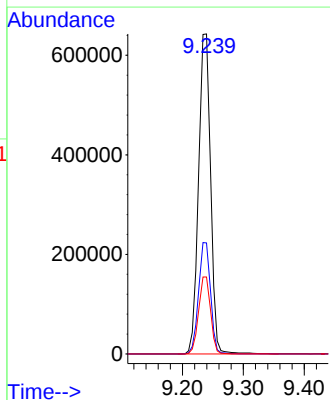
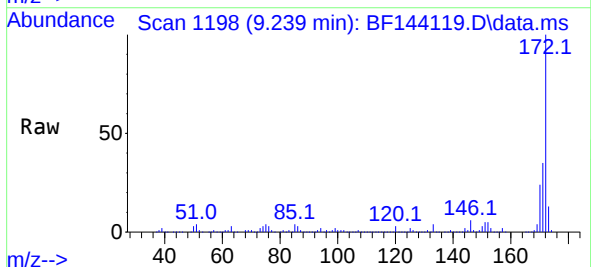
Instrument :
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ClientSampleId :
P001-TW3-251023-01

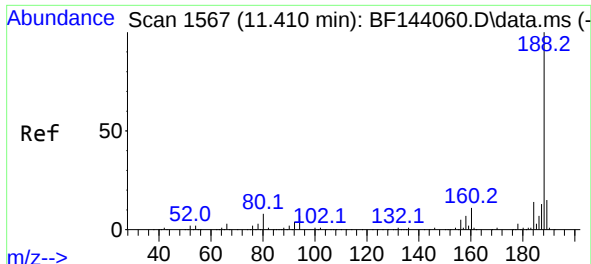
Tgt Ion:330 Resp: 265839
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 22.2 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 77.306 ng
RT: 9.239 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:172 Resp: 882921
Ion Ratio Lower Upper
172 100
171 34.7 27.5 41.3
170 24.1 19.0 28.6

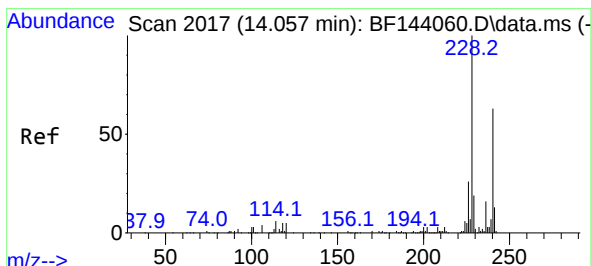
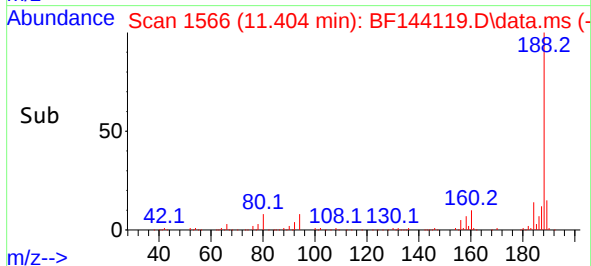
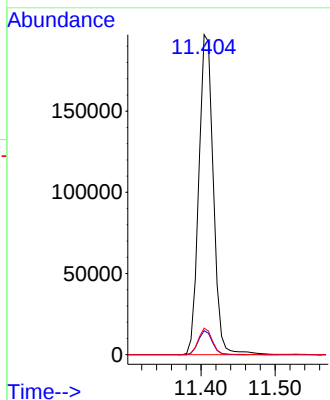
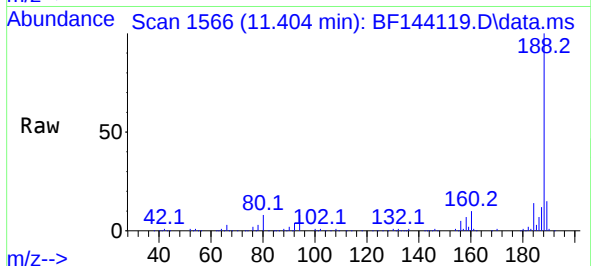




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

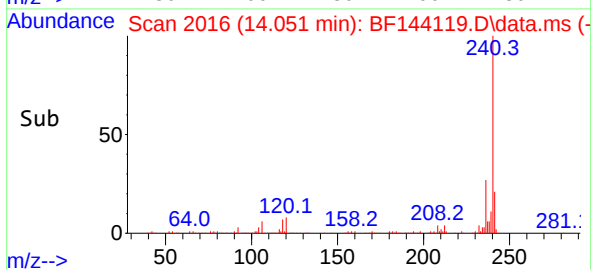
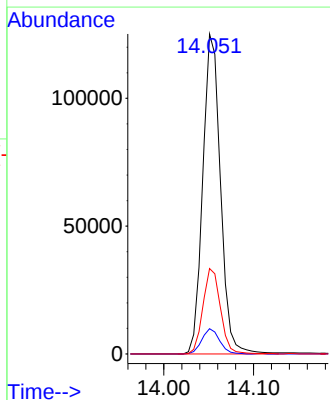
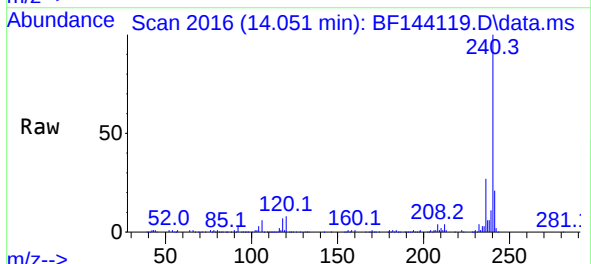
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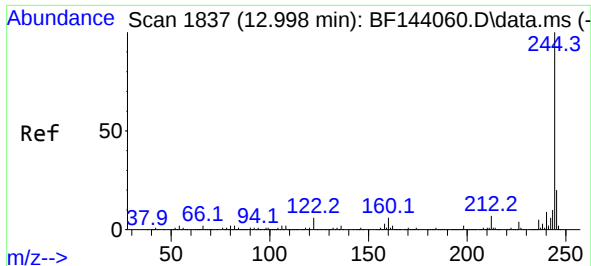
Tgt Ion:188 Resp: 268460
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.3 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144119.D
Acq: 29 Oct 2025 00:09

Tgt Ion:240 Resp: 171657
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 26.7 20.1 30.1

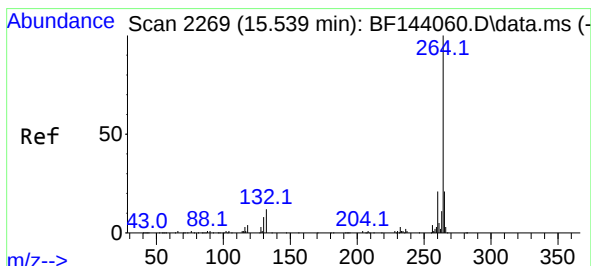
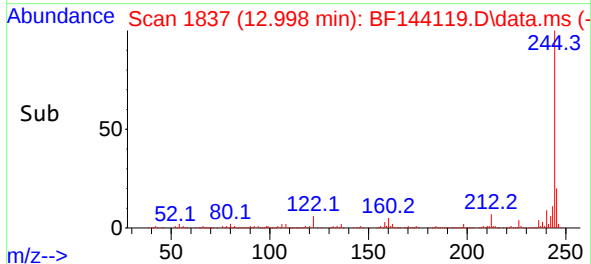
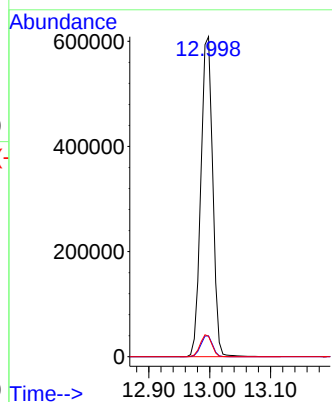
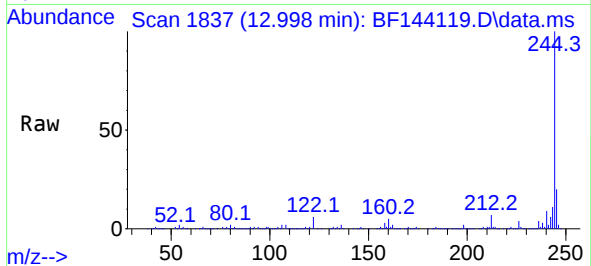




#79
 Terphenyl-d14
 Concen: 83.598 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF144119.D
 Acq: 29 Oct 2025 00:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-TW3-251023-01

Tgt Ion:244 Resp: 820850
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 6.4 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144119.D
 Acq: 29 Oct 2025 00:09

Tgt Ion:264 Resp: 207654
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.0 25.4
 265 21.2 16.6 24.8

