

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142350.D
 Acq On : 13 May 2025 18:09
 Operator : RC/JU
 Sample : Q2007-25
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-636-COMP-14

Quant Time: May 13 18:36:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

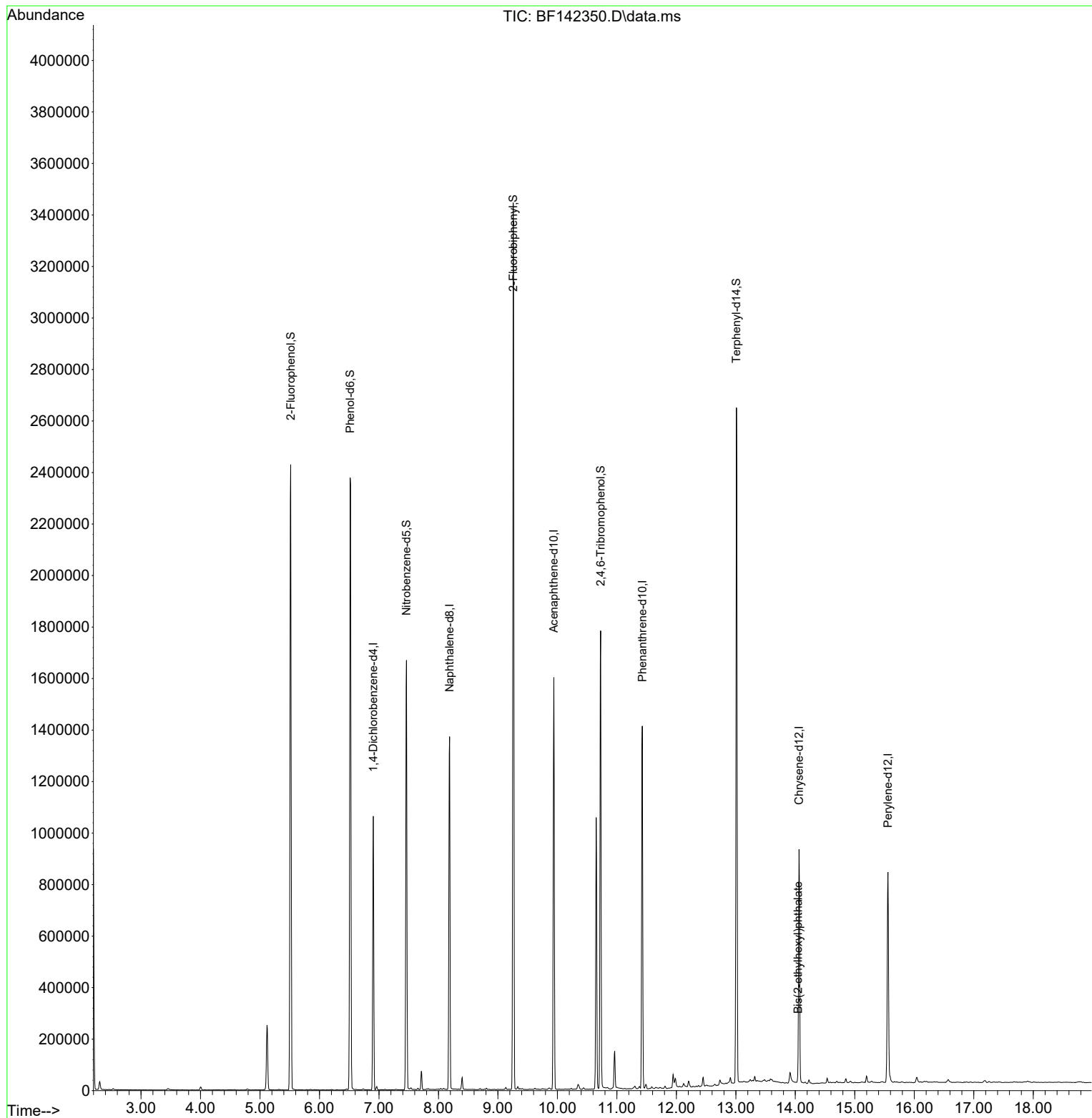
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	225066	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	864700	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	464305	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	725574	20.000	ng	0.00
76) Chrysene-d12	14.063	240	434210	20.000	ng	0.00
86) Perylene-d12	15.557	264	479635	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	947256	71.847	ng	0.00
7) Phenol-d6	6.516	99	1163960	71.780	ng	0.00
23) Nitrobenzene-d5	7.463	82	693108	48.885	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	311092	69.397	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1539630	47.282	ng	0.00
79) Terphenyl-d14	13.010	244	1266338	43.166	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.045	149	8221	4.747	ng	Qvalue # 94

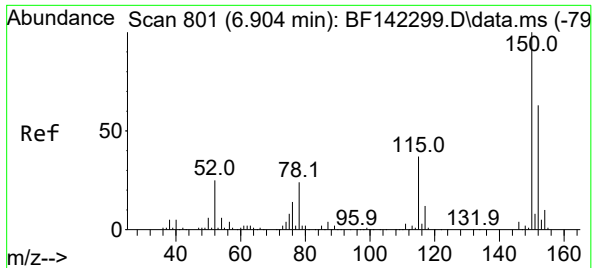
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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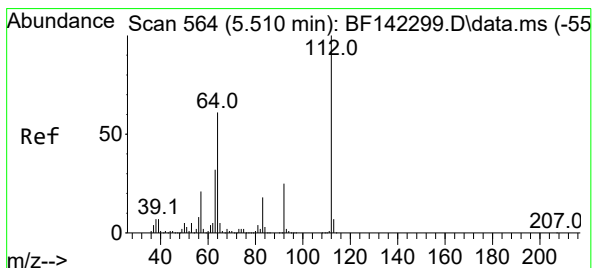
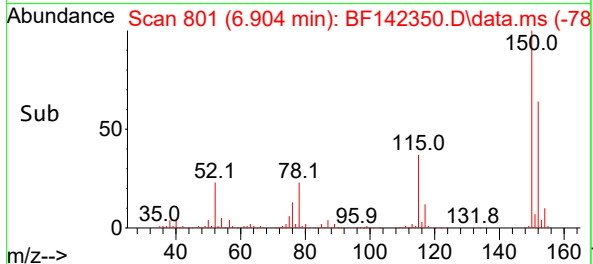
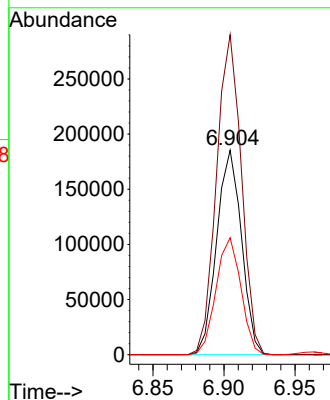
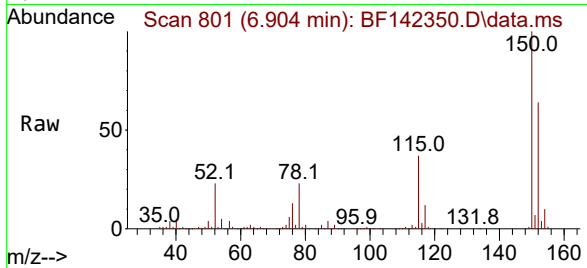




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

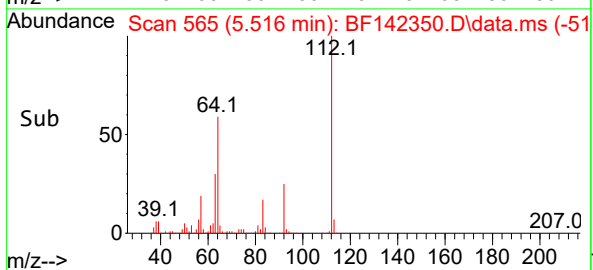
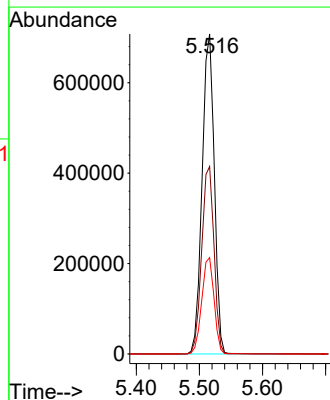
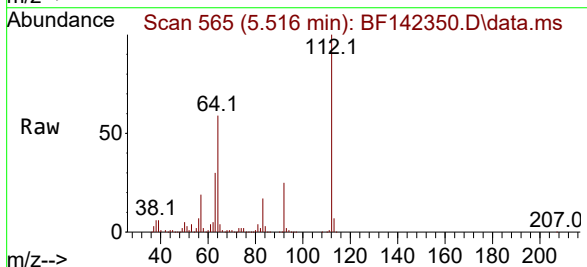
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14

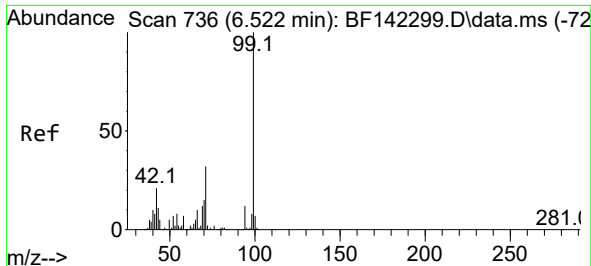
Tgt Ion:152 Resp: 225066
Ion Ratio Lower Upper
152 100
150 156.5 126.6 190.0
115 57.2 47.3 70.9



#5
2-Fluorophenol
Concen: 71.847 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

Tgt Ion:112 Resp: 947256
Ion Ratio Lower Upper
112 100
64 58.6 48.9 73.3
63 30.1 25.6 38.4

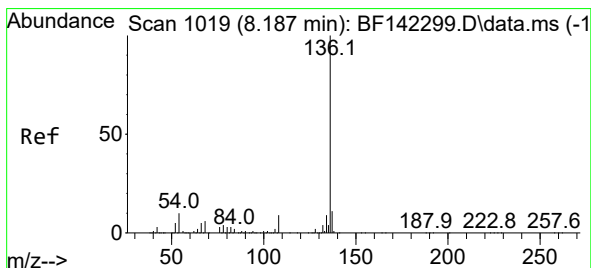
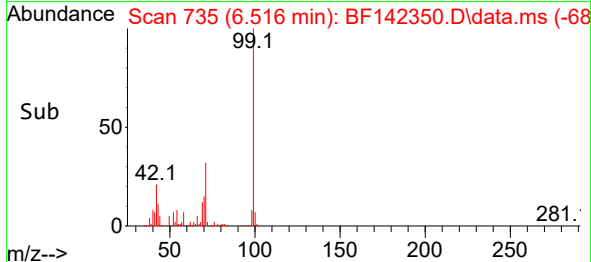
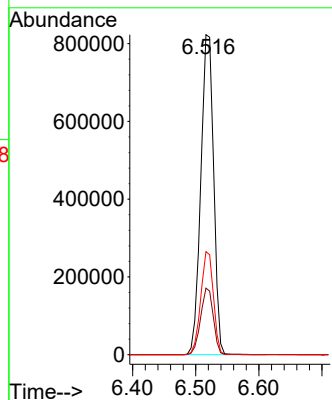
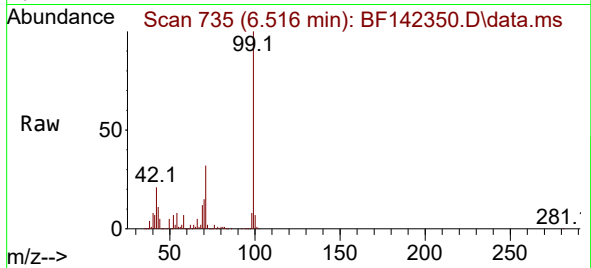




#7
Phenol-d6
Concen: 71.780 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

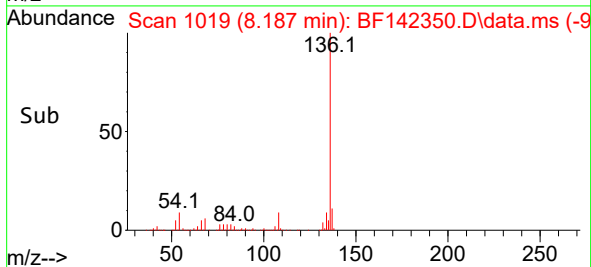
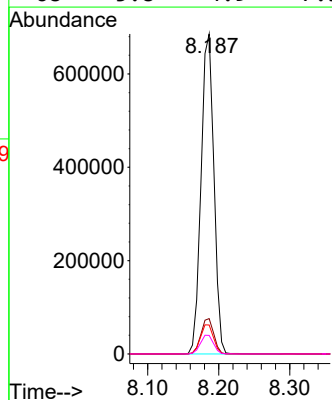
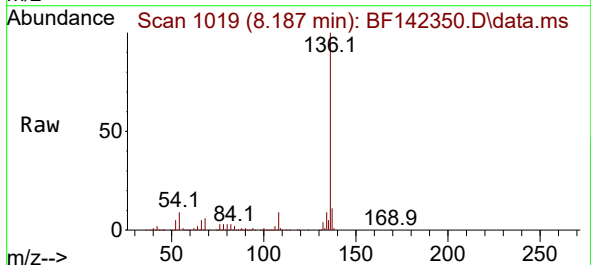
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14

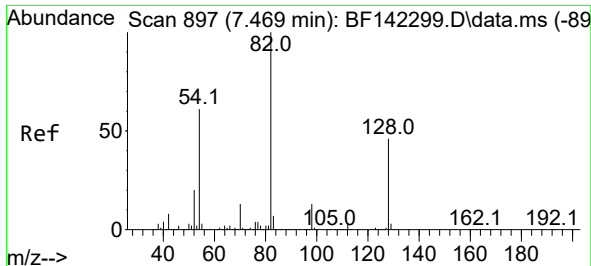
Tgt Ion: 99 Resp: 1163960
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

Tgt Ion: 136 Resp: 864700
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.1 7.7 11.5
68 5.8 4.9 7.3

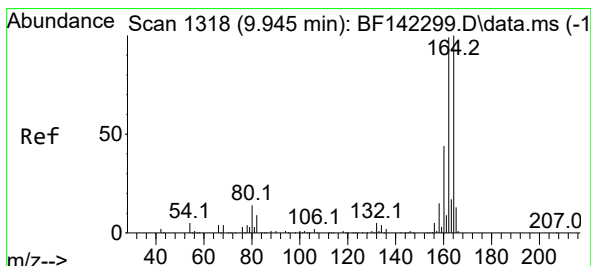
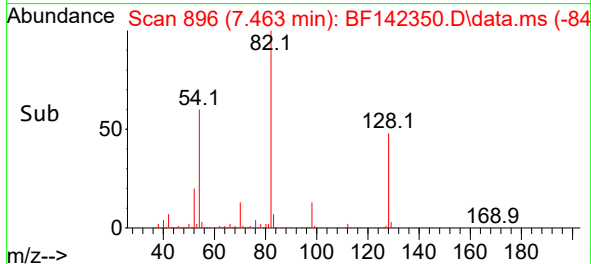
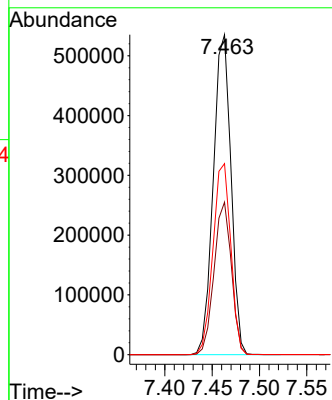
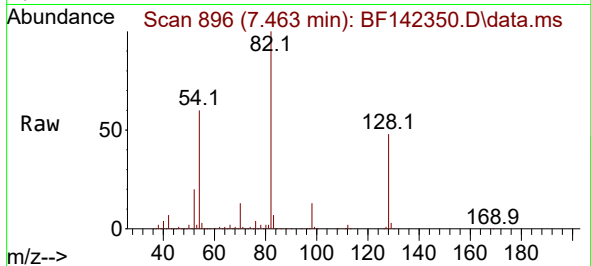




#23
Nitrobenzene-d5
Concen: 48.885 ng
RT: 7.463 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

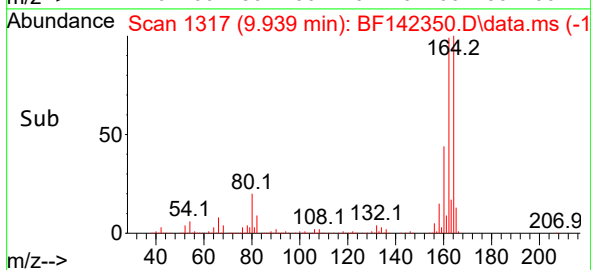
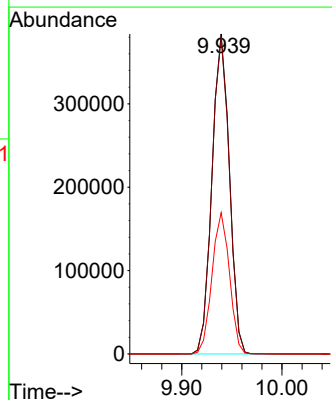
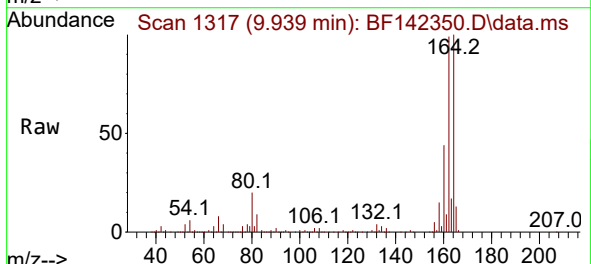
Instrument :
BNA_F
ClientSampleId :
OR-636-COMP-14

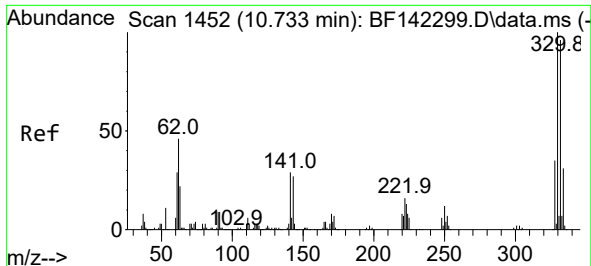
Tgt Ion: 82 Resp: 693108
Ion Ratio Lower Upper
82 100
128 47.7 37.0 55.6
54 59.7 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

Tgt Ion:164 Resp: 464305
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 44.1 35.3 52.9

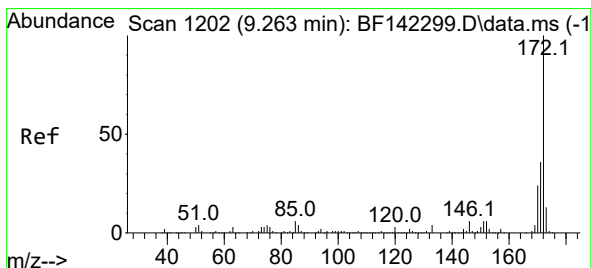
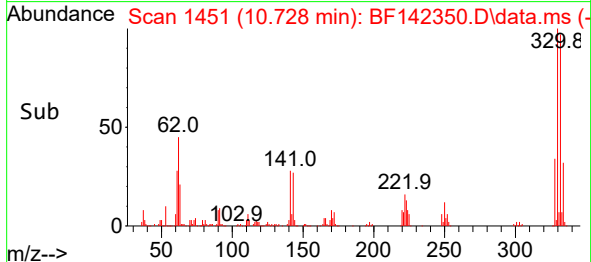
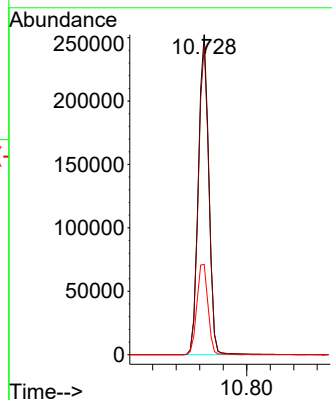
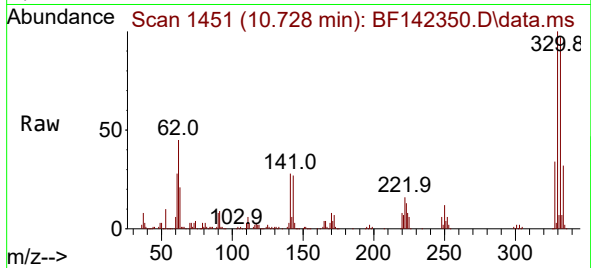




#42
2,4,6-Tribromophenol
Concen: 69.397 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

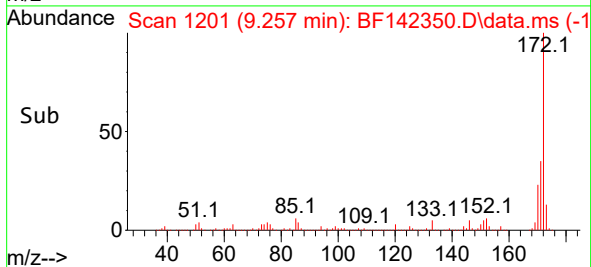
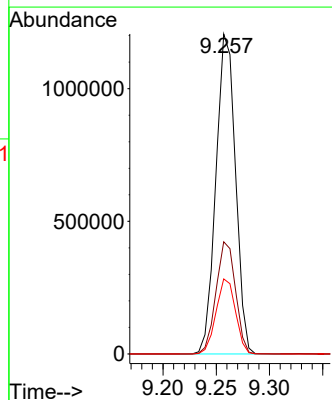
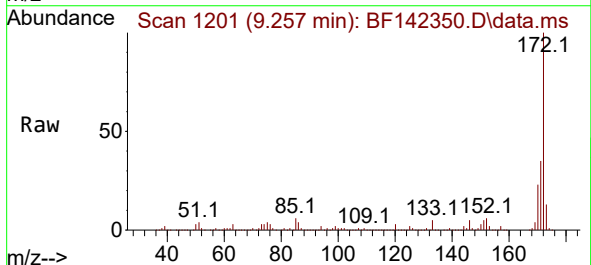
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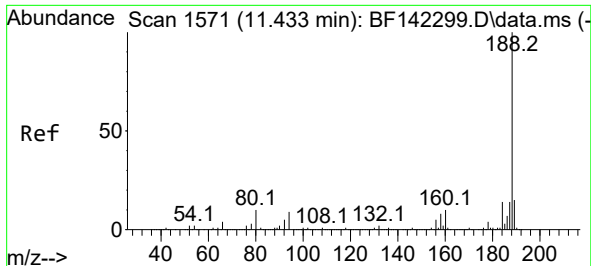
Tgt Ion:330 Resp: 311092
Ion Ratio Lower Upper
330 100
332 96.7 76.8 115.2
141 29.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 47.282 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

Tgt Ion:172 Resp: 1539630
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.4 19.0 28.4

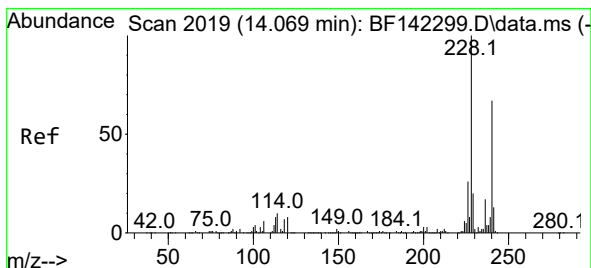
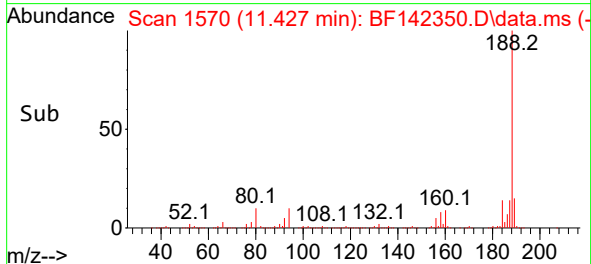
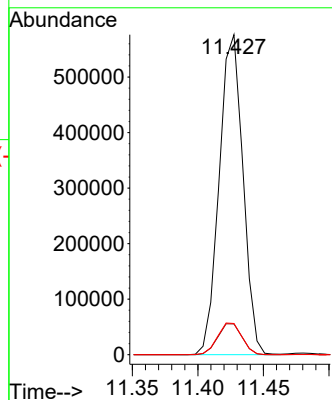
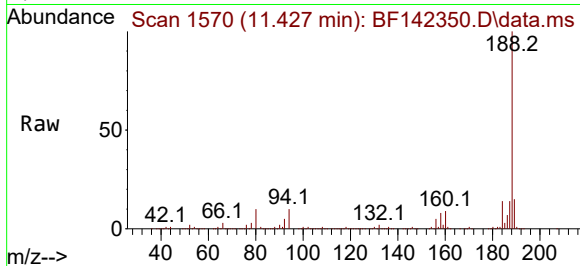




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

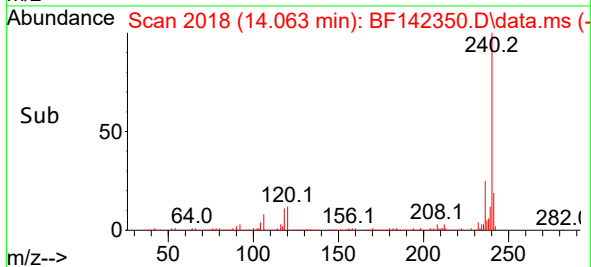
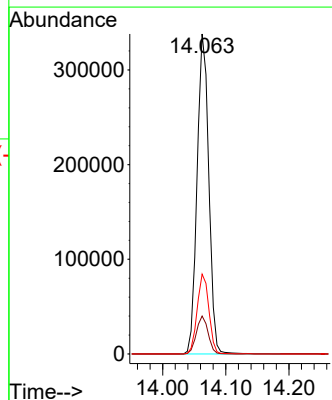
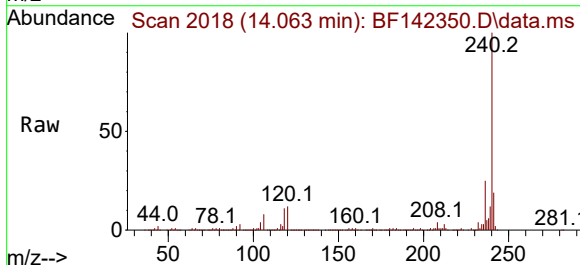
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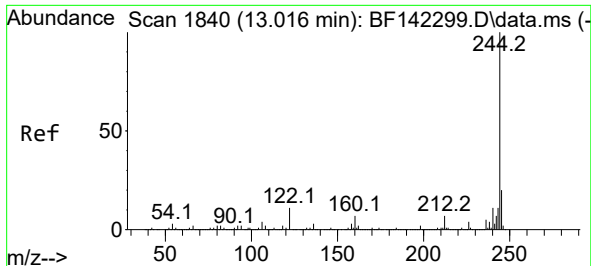
Tgt Ion:188 Resp: 725574
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142350.D
Acq: 13 May 2025 18:09

Tgt Ion:240 Resp: 434210
Ion Ratio Lower Upper
240 100
120 11.9 9.7 14.5
236 24.9 20.0 30.0

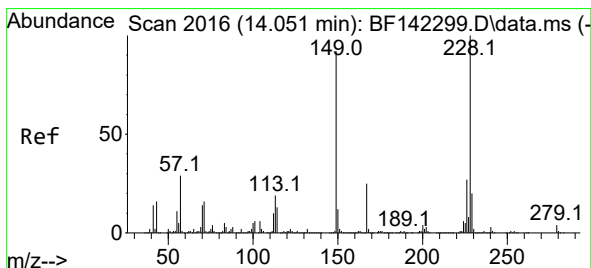
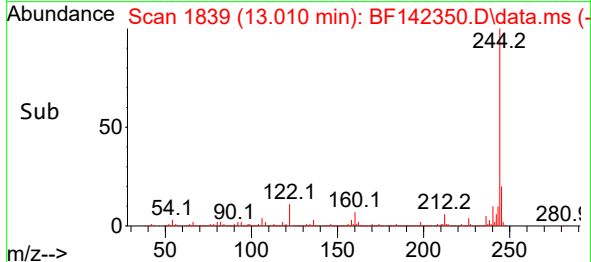
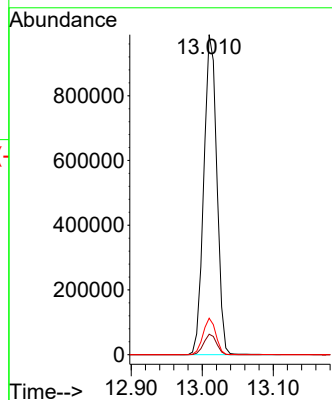
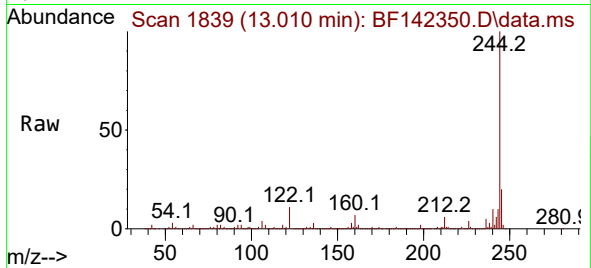




#79
 Terphenyl-d14
 Concen: 43.166 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142350.D
 Acq: 13 May 2025 18:09

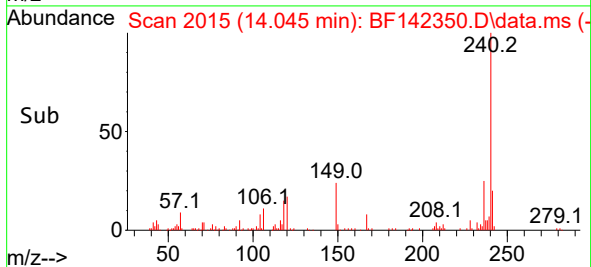
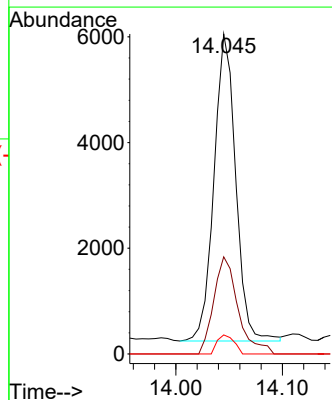
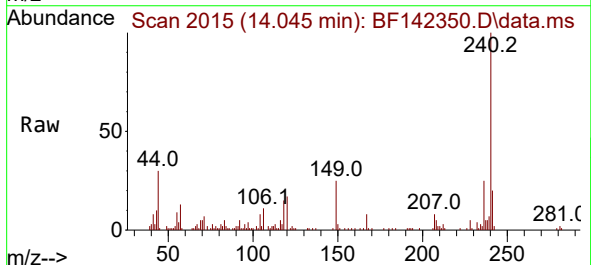
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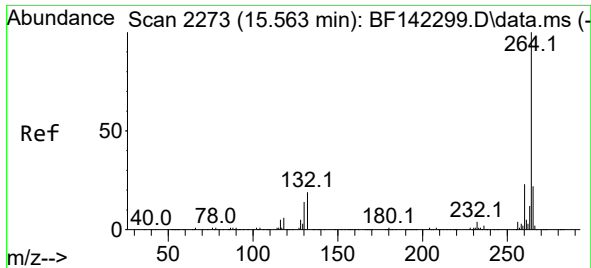
Tgt Ion:244 Resp: 1266338
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 11.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.747 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142350.D
 Acq: 13 May 2025 18:09

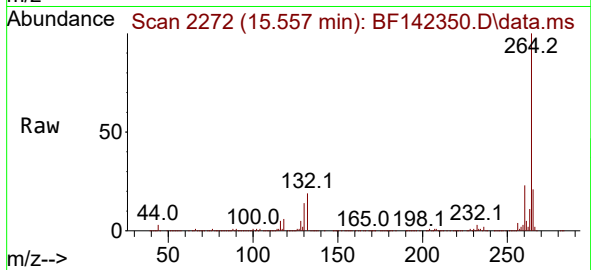
Tgt Ion:149 Resp: 8221
 Ion Ratio Lower Upper
 149 100
 167 30.4 22.0 33.0
 279 5.9 3.0 4.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142350.D
 Acq: 13 May 2025 18:09

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 479635
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.2 17.5 26.3

