

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142040.D
 Acq On : 21 Mar 2025 20:18
 Operator : RC/JU
 Sample : Q1597-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-CONCRETE-SLAB

Quant Time: Mar 21 23:01:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

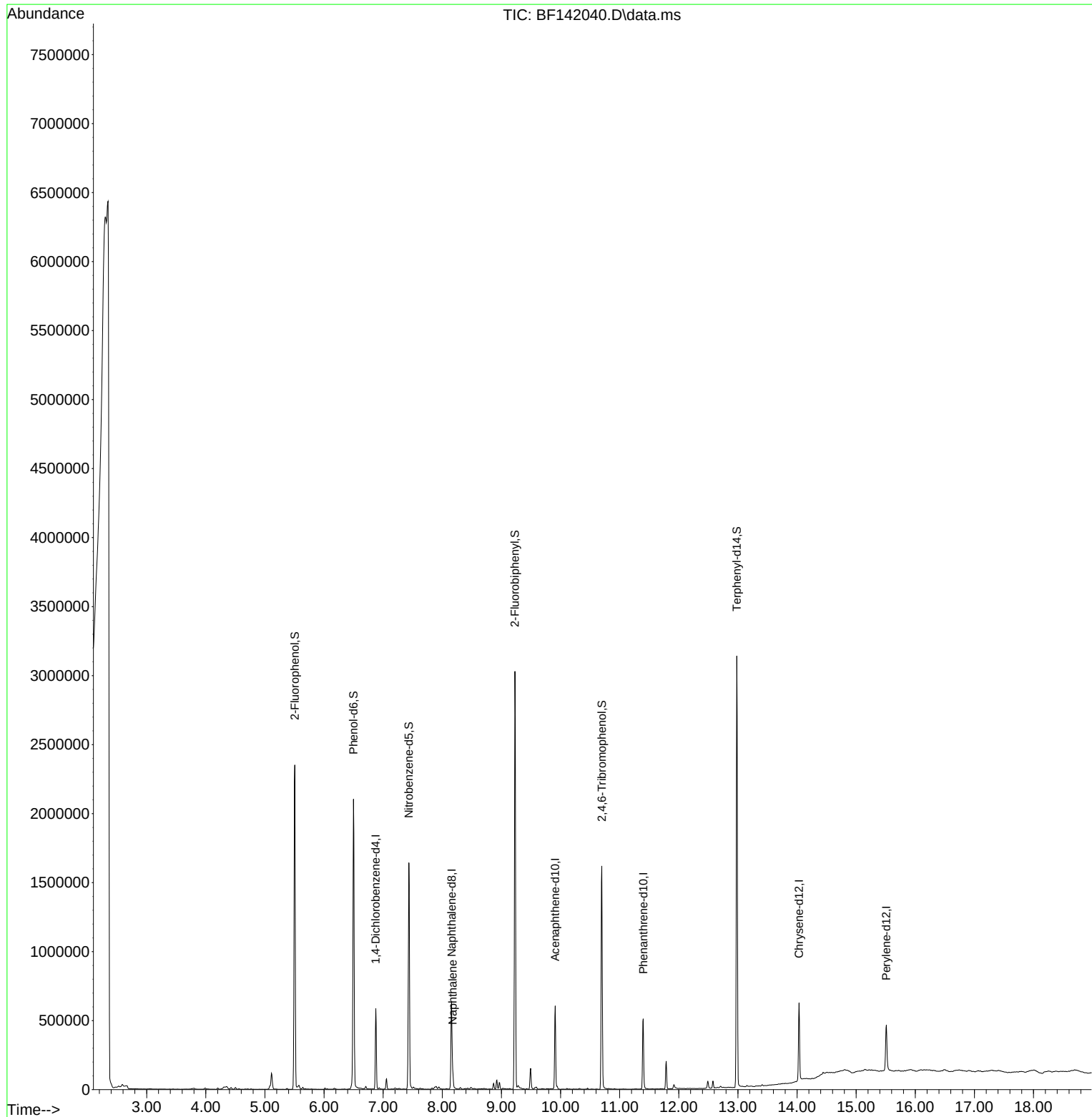
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	121819	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	416041	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	178454	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	272171	20.000	ng	0.00
76) Chrysene-d12	14.033	240	283303	20.000	ng	0.00
86) Perylene-d12	15.510	264	214239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	933399	127.879	ng	0.01
7) Phenol-d6	6.498	99	1008871	108.558	ng	0.00
23) Nitrobenzene-d5	7.434	82	758720	102.629	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	304462	134.484	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1326953	113.085	ng	-0.01
79) Terphenyl-d14	12.980	244	1579493	82.428	ng	0.00
Target Compounds						
31) Naphthalene	8.175	128	65746	3.076	ng	99

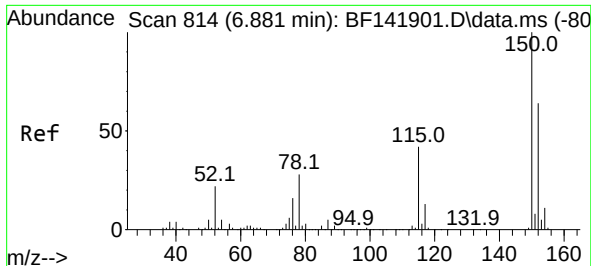
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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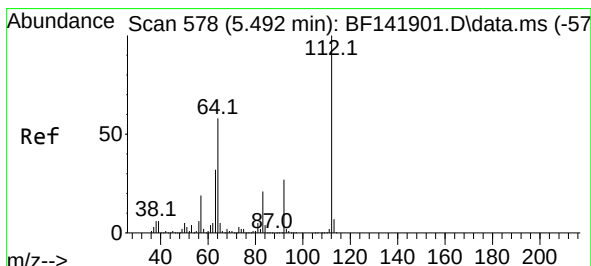
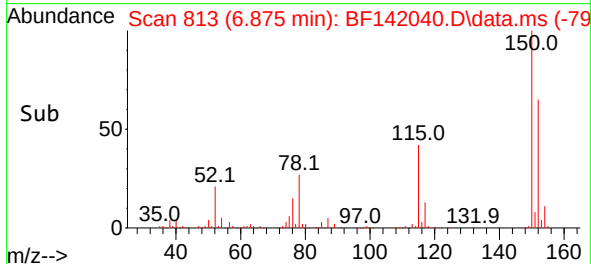
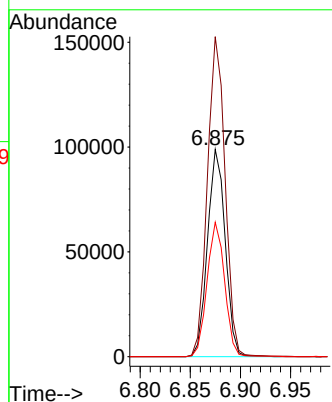
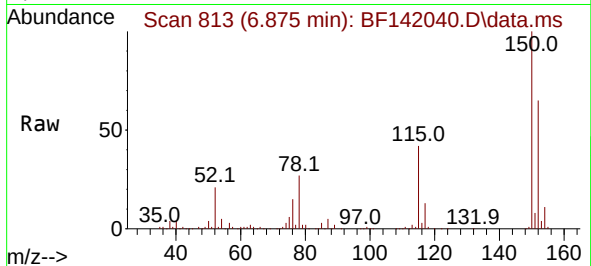




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

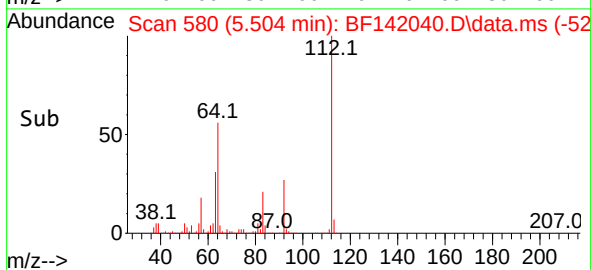
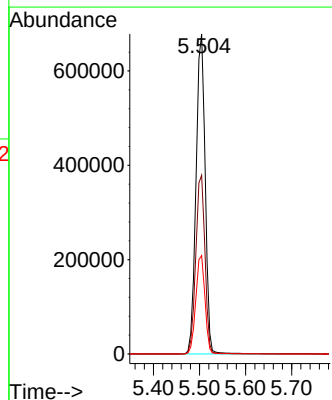
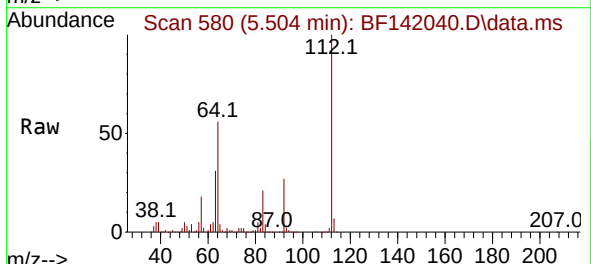
Instrument :
BNA_F
ClientSampleId :
2-CONCRETE-SLAB

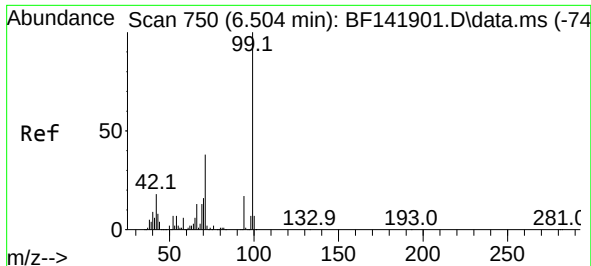
Tgt Ion:152 Resp: 121819
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 64.9 51.9 77.9



#5
2-Fluorophenol
Concen: 127.879 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

Tgt Ion:112 Resp: 933399
Ion Ratio Lower Upper
112 100
64 55.9 46.5 69.7
63 30.7 25.4 38.2

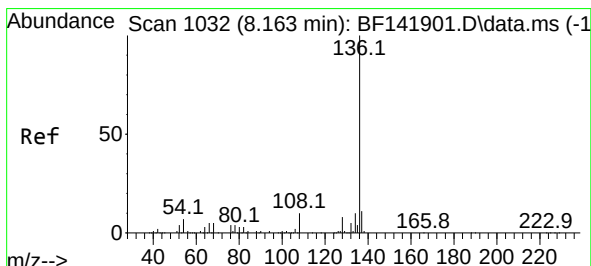
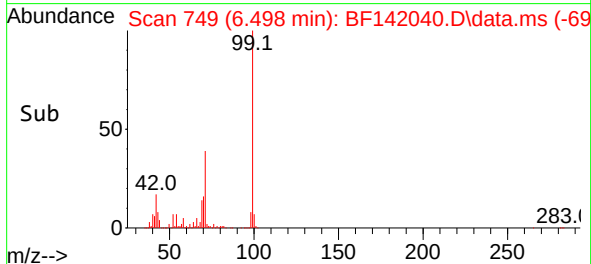
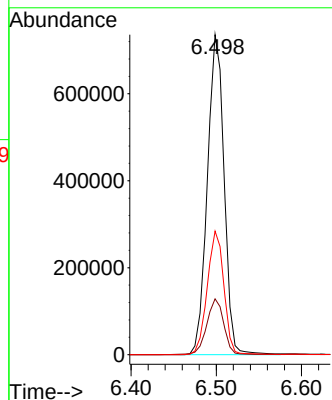
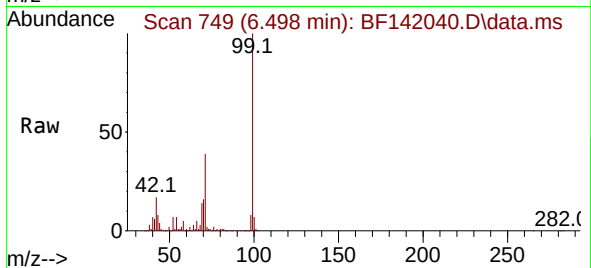




#7
Phenol-d6
Concen: 108.558 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

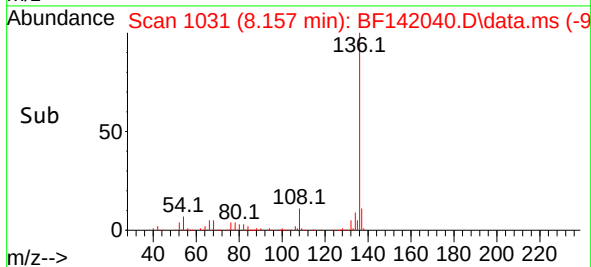
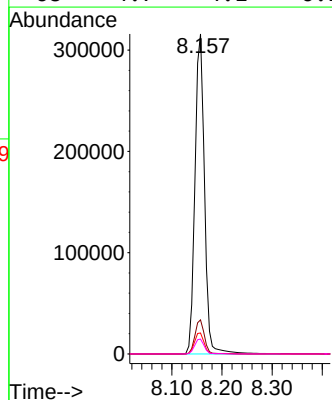
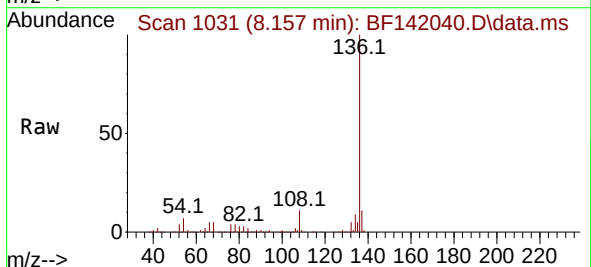
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ClientSampleId :
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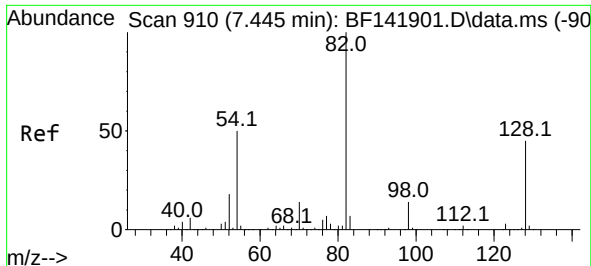
Tgt Ion: 99 Resp: 1008871
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 38.6 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

Tgt Ion:136 Resp: 416041
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 102.629 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142040.D

Acq: 21 Mar 2025 20:18

Instrument :

BNA_F

ClientSampleId :

2-CONCRETE-SLAB

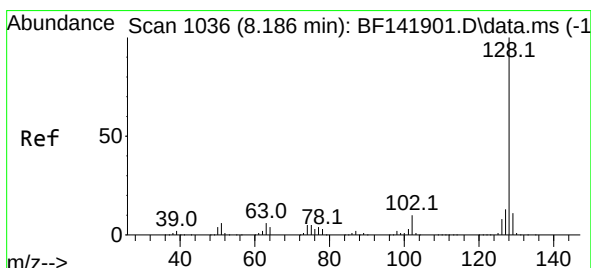
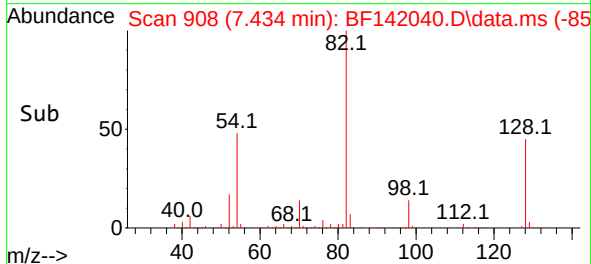
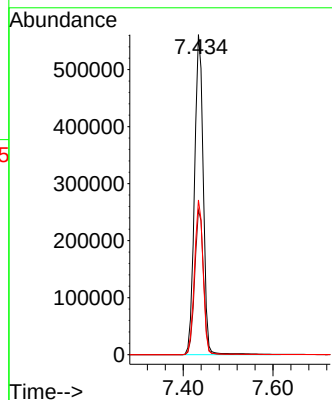
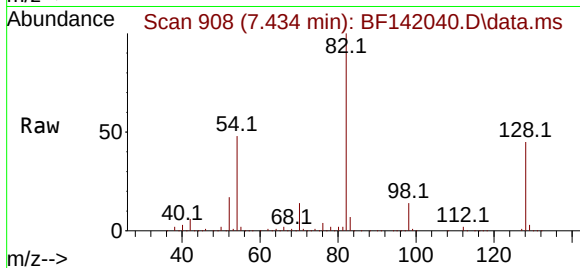
Tgt Ion: 82 Resp: 758720

Ion Ratio Lower Upper

82 100

128 45.2 36.0 54.0

54 48.4 39.6 59.4



#31

Naphthalene

Concen: 3.076 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.012 min

Lab File: BF142040.D

Acq: 21 Mar 2025 20:18

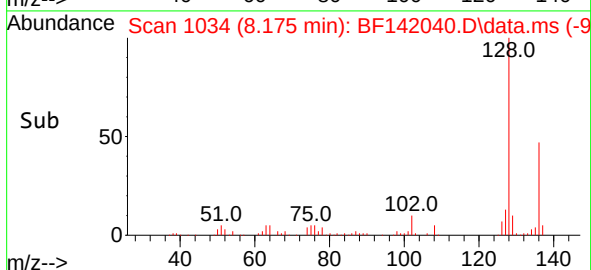
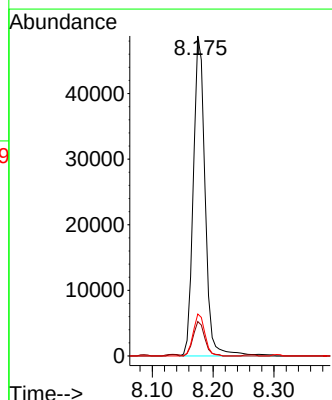
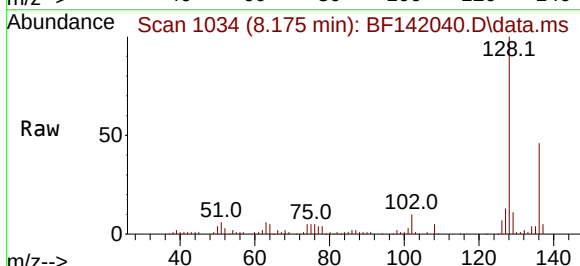
Tgt Ion:128 Resp: 65746

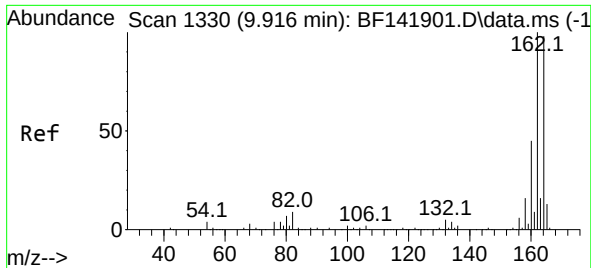
Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 13.1 10.8 16.2

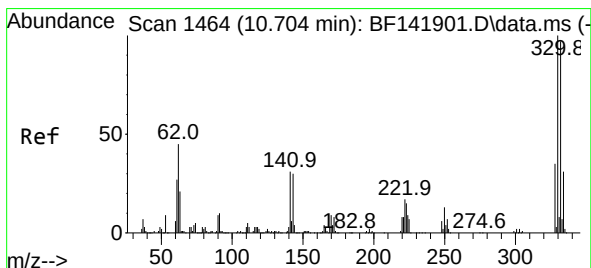
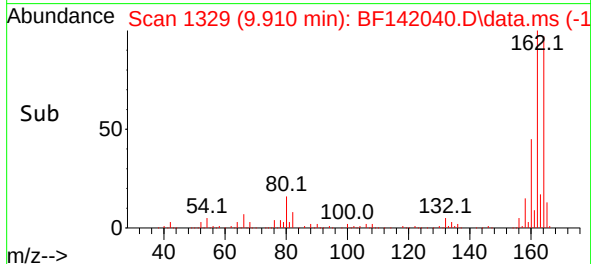
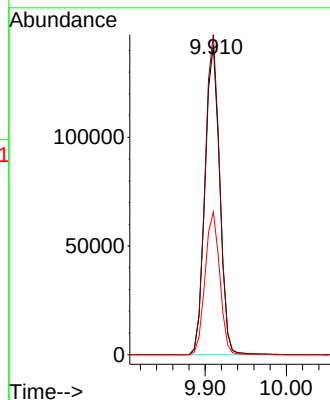
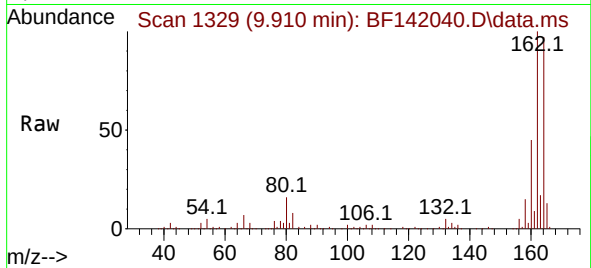




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

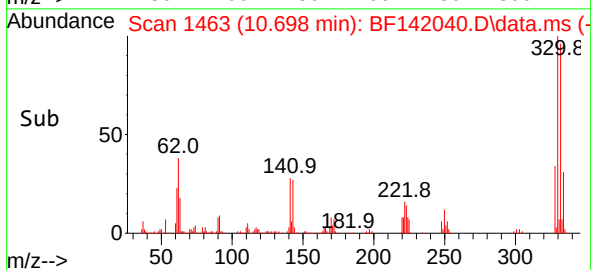
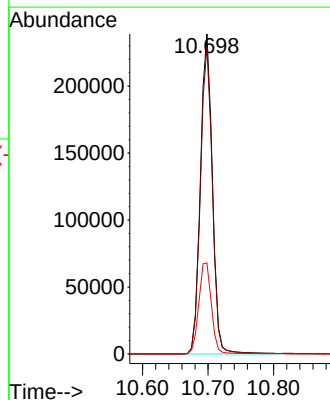
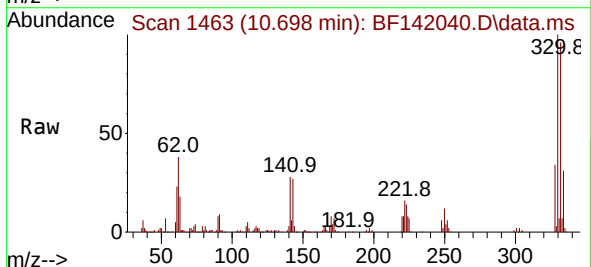
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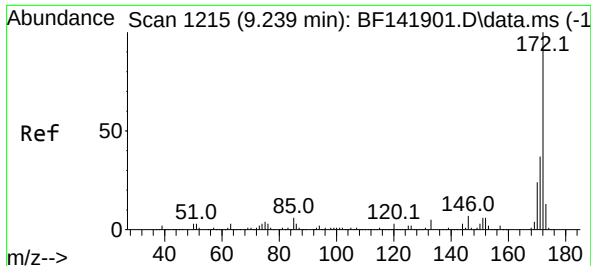
Tgt Ion:164 Resp: 178454
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 46.1 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 134.484 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

Tgt Ion:330 Resp: 304462
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 30.3 24.7 37.1

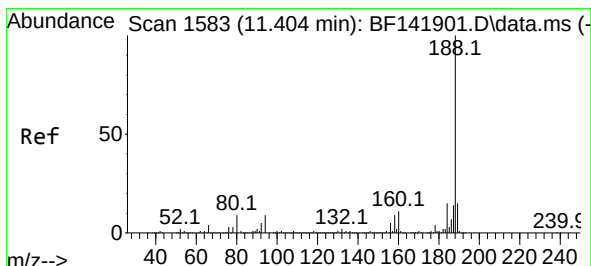
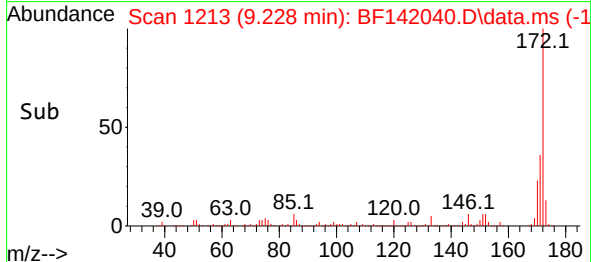
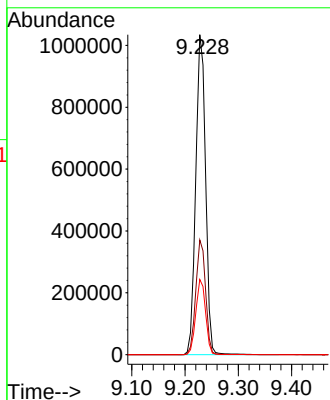
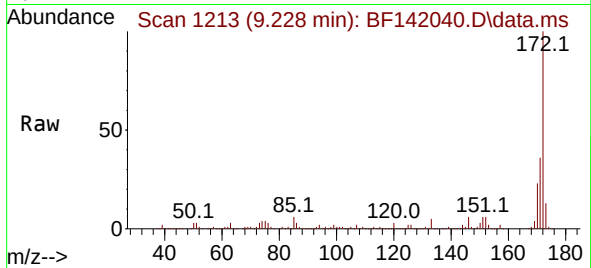




#45
2-Fluorobiphenyl
Concen: 113.085 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

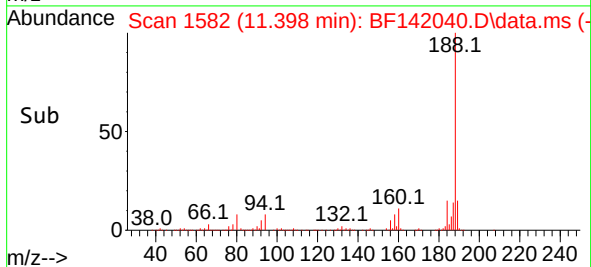
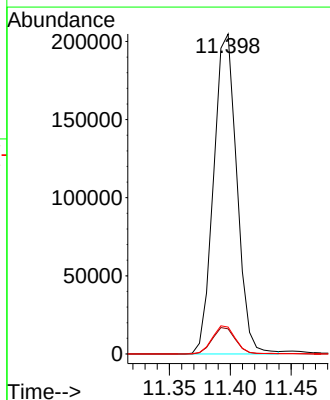
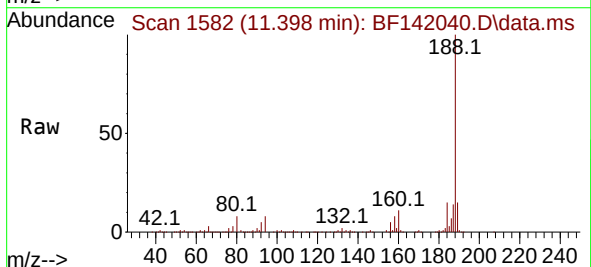
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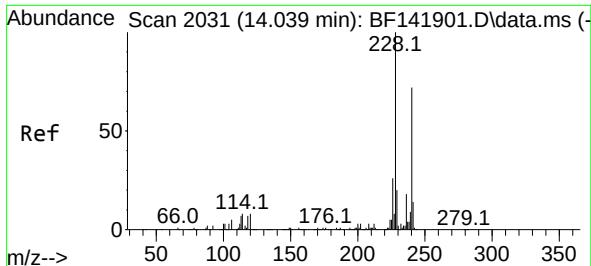
Tgt Ion:172 Resp: 1326953
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.5 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

Tgt Ion:188 Resp: 272171
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.4 7.6 11.4

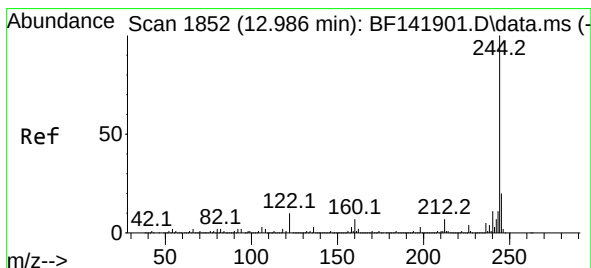
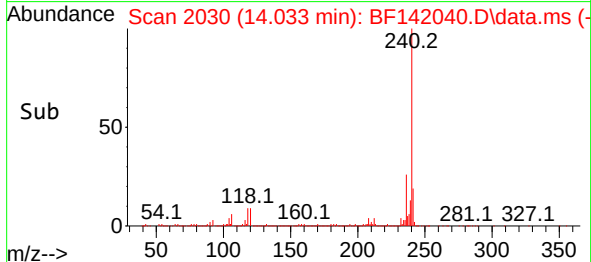
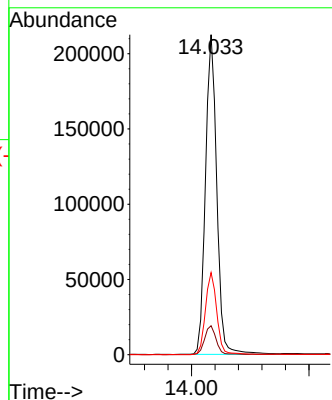
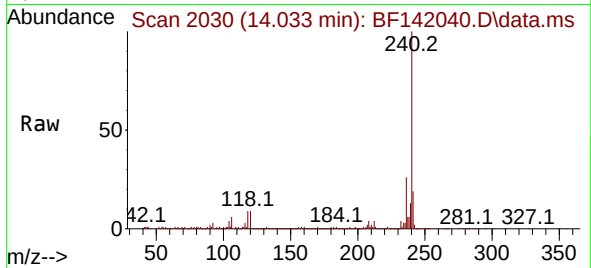




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

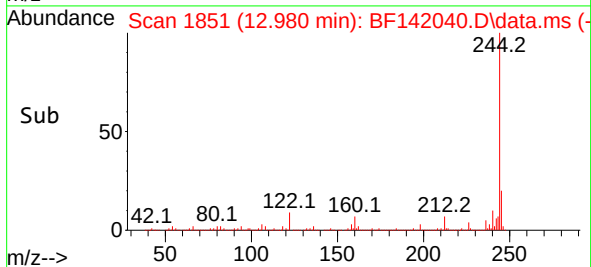
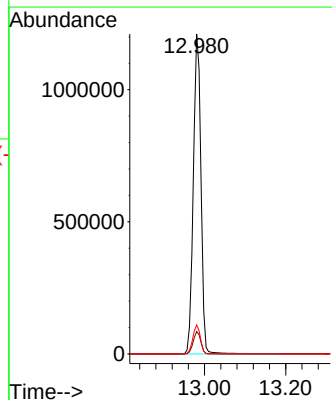
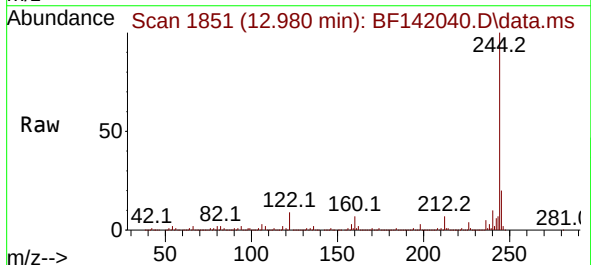
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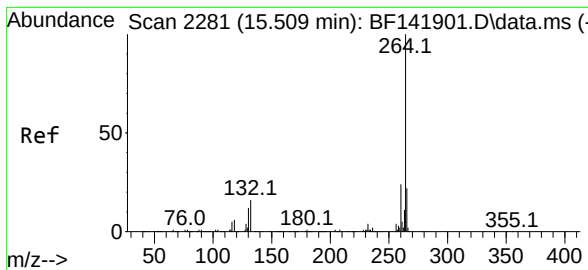
Tgt Ion:240 Resp: 283303
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 82.428 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142040.D
Acq: 21 Mar 2025 20:18

Tgt Ion:244 Resp: 1579493
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.1 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142040.D
 Acq: 21 Mar 2025 20:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 214239
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.6 17.5 26.3

