

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142048.D
 Acq On : 24 Mar 2025 11:56
 Operator : RC/JU
 Sample : Q1597-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-CONCRETE-SLAB

Quant Time: Mar 24 12:31:35 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)

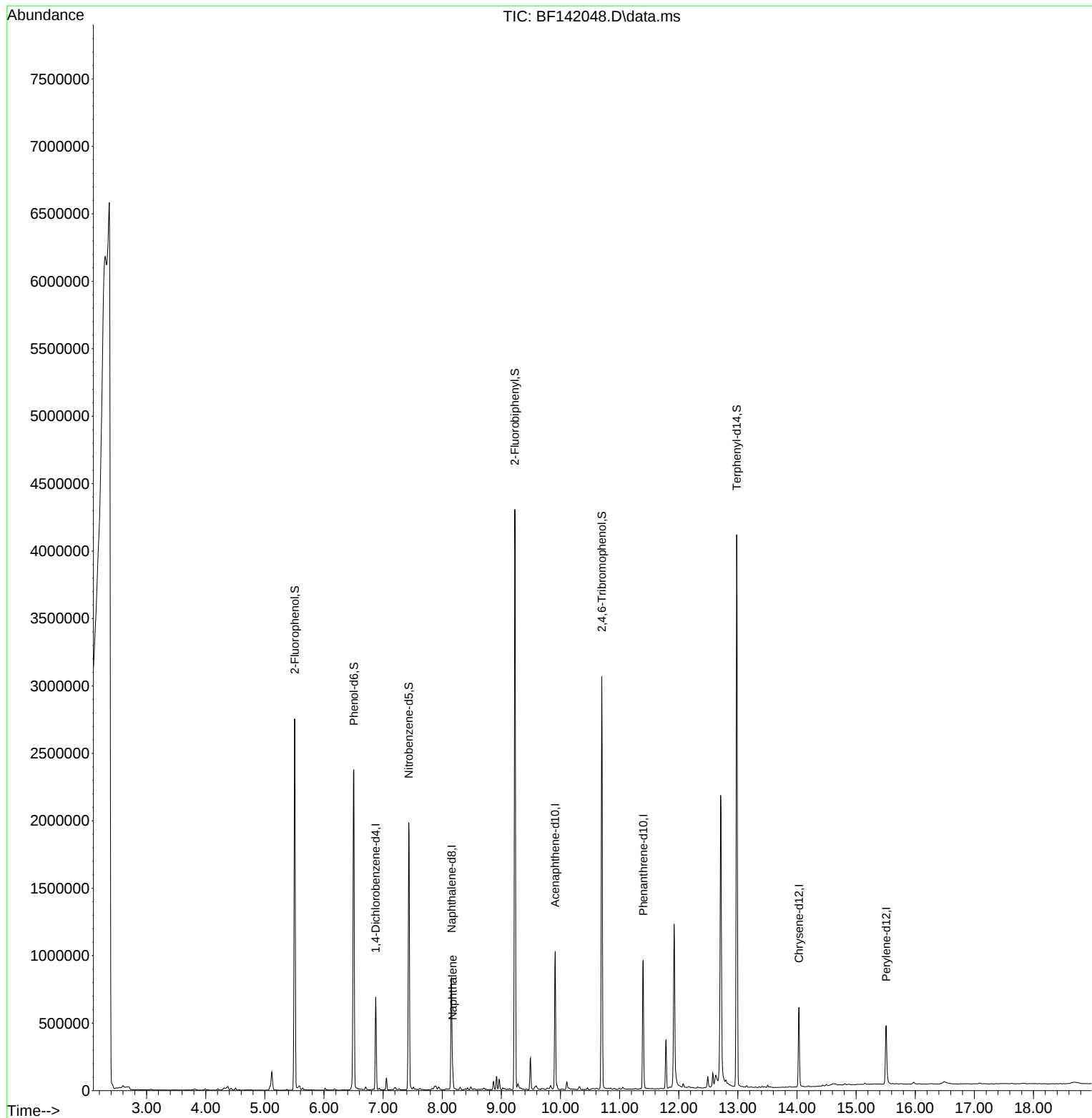
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	142854	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	557231	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	306559	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	503375	20.000	ng	0.00
76) Chrysene-d12	14.033	240	296423	20.000	ng	0.00
86) Perylene-d12	15.510	264	288645	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1088633	127.185	ng	0.01
7) Phenol-d6	6.504	99	1214628	111.453	ng	0.00
23) Nitrobenzene-d5	7.434	82	954071	96.354	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	598994	154.018	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1941051	96.294	ng	-0.01
79) Terphenyl-d14	12.980	244	2078466	103.667	ng	0.00
Target Compounds						
31) Naphthalene	8.175	128	88369	3.087	ng	Qvalue 100

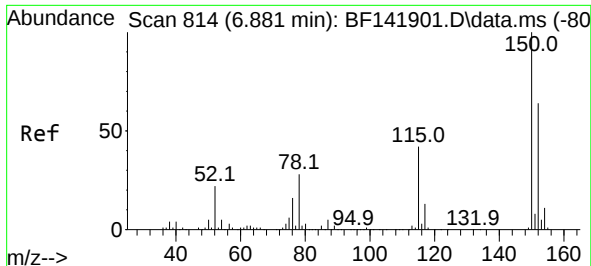
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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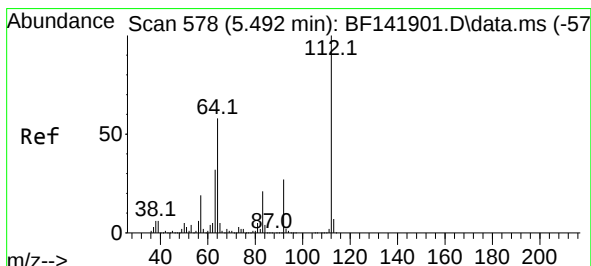
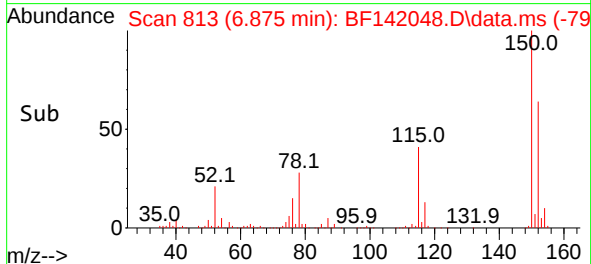
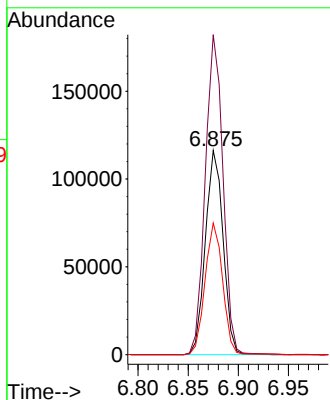
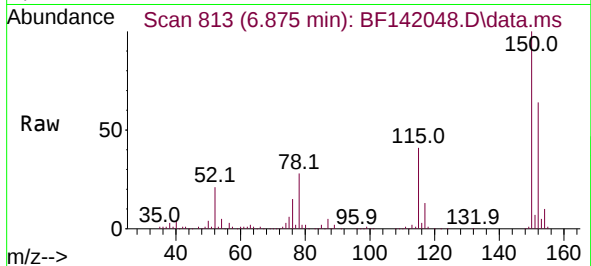




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

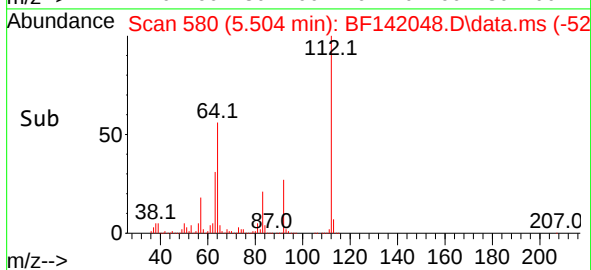
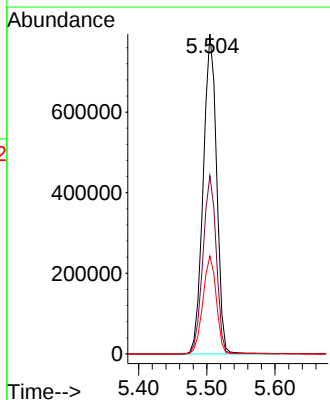
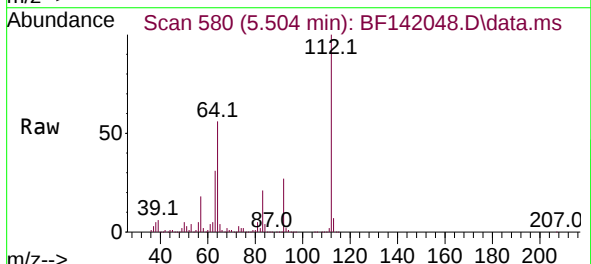
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BNA_F
ClientSampleId :
2-CONCRETE-SLAB

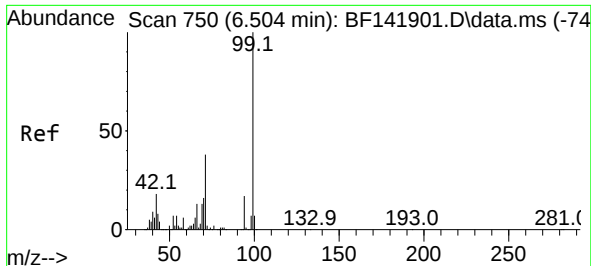
Tgt Ion:152 Resp: 142854
Ion Ratio Lower Upper
152 100
150 156.8 127.4 191.2
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 127.185 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

Tgt Ion:112 Resp: 1088633
Ion Ratio Lower Upper
112 100
64 55.7 46.5 69.7
63 30.6 25.4 38.2

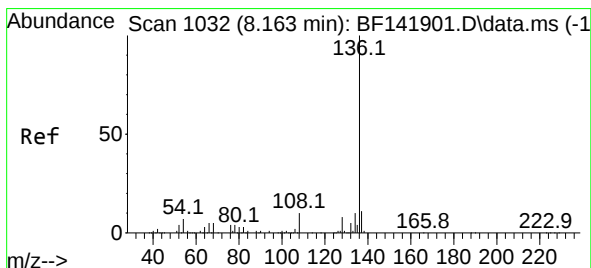
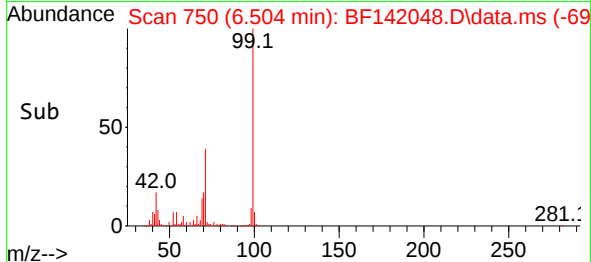
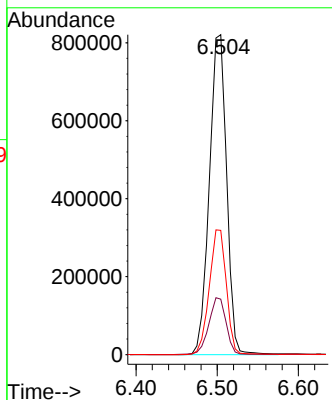
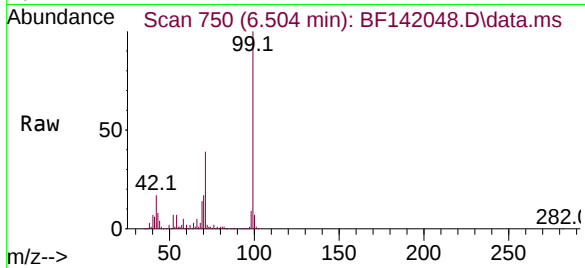




#7
Phenol-d6
Concen: 111.453 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

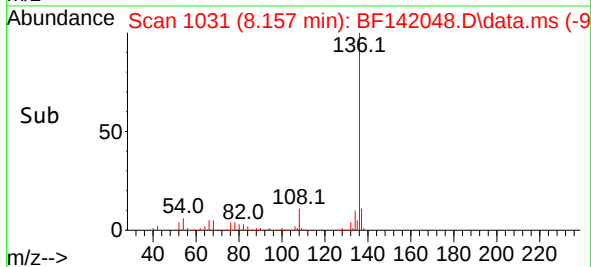
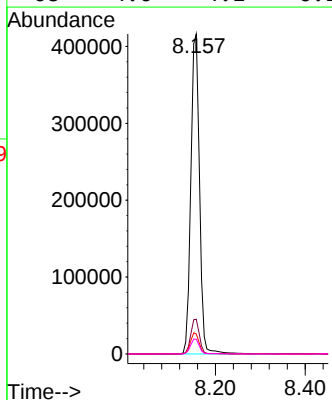
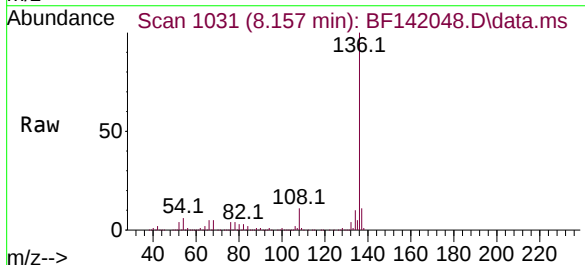
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BNA_F
ClientSampleId :
2-CONCRETE-SLAB

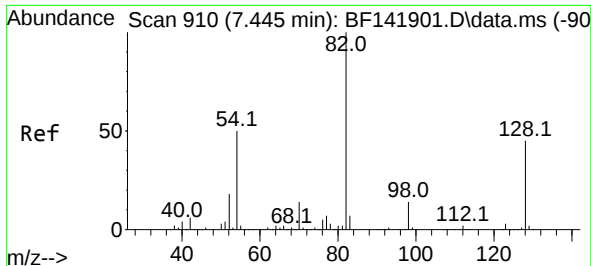
Tgt Ion: 99 Resp: 1214628
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

Tgt Ion:136 Resp: 557231
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.2 5.8 8.8
68 4.6 4.1 6.1

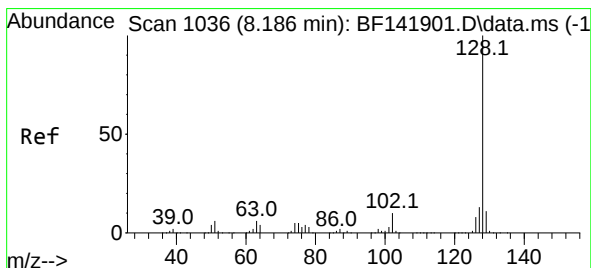
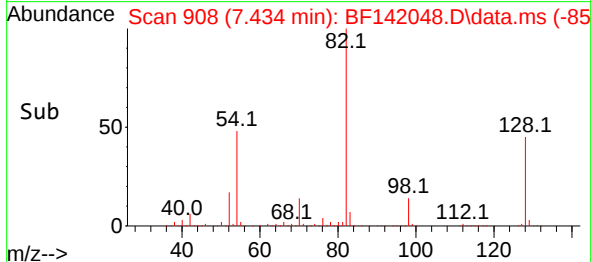
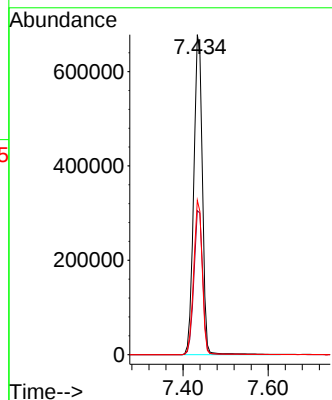
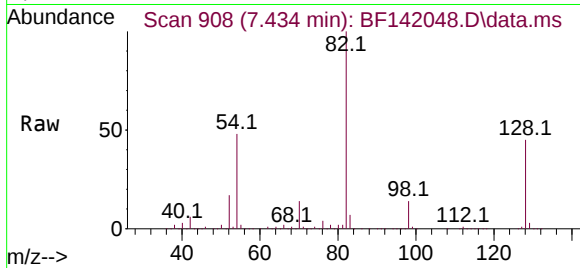




#23
 Nitrobenzene-d5
 Concen: 96.354 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF142048.D
 Acq: 24 Mar 2025 11:56

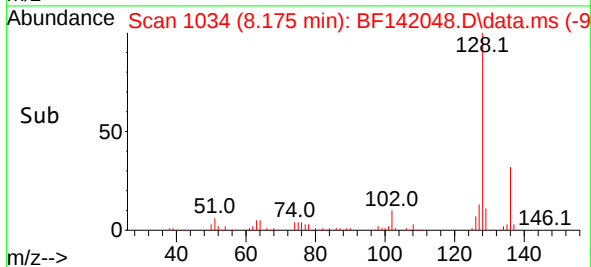
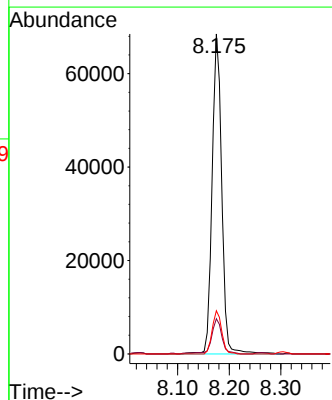
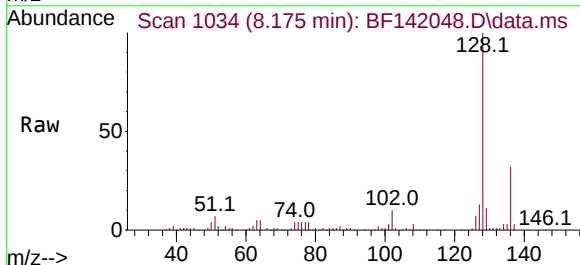
Instrument :
 BNA_F
 ClientSampleId :
 2-CONCRETE-SLAB

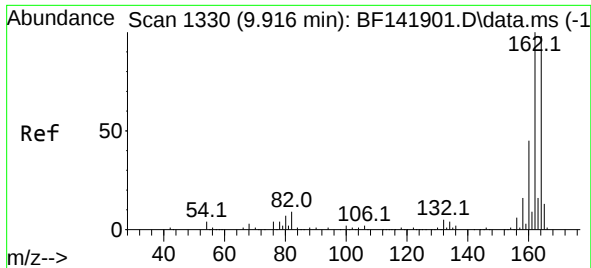
Tgt Ion: 82 Resp: 954071
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.0 54.0
 54 48.2 39.6 59.4



#31
 Naphthalene
 Concen: 3.087 ng
 RT: 8.175 min Scan# 1034
 Delta R.T. -0.012 min
 Lab File: BF142048.D
 Acq: 24 Mar 2025 11:56

Tgt Ion: 128 Resp: 88369
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.0 13.6
 127 13.5 10.8 16.2

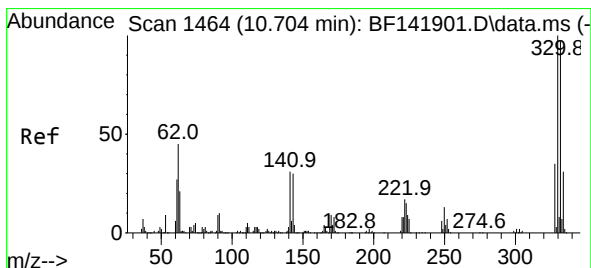
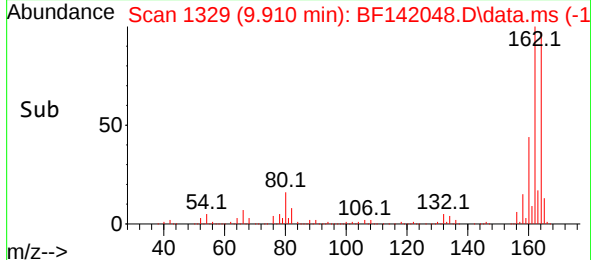
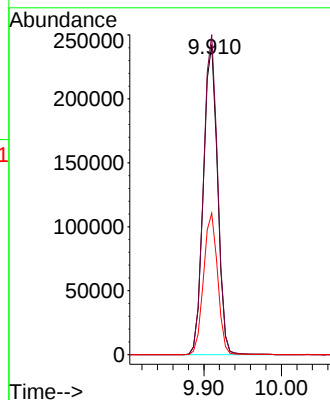
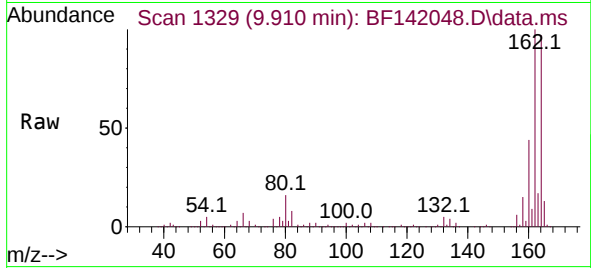




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

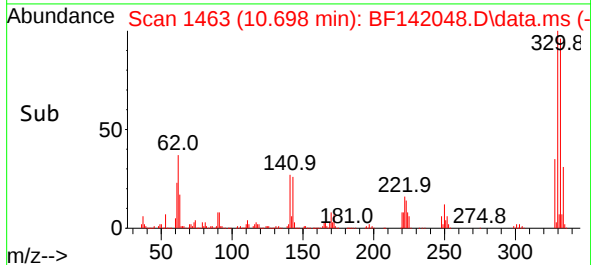
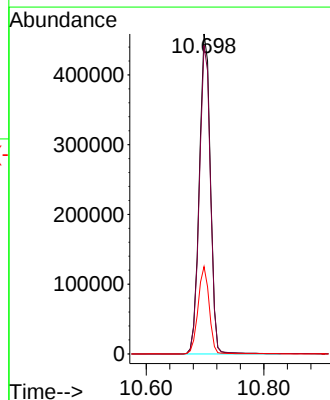
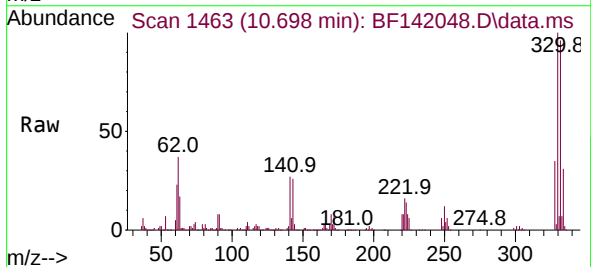
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ClientSampleId :
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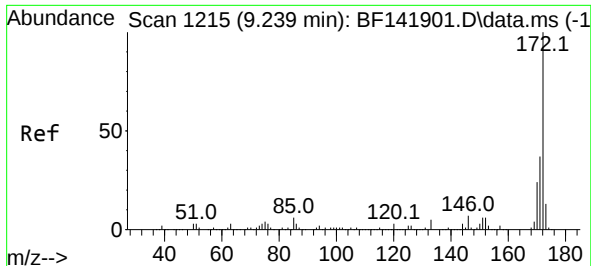
Tgt Ion:164 Resp: 306559
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 45.6 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 154.018 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

Tgt Ion:330 Resp: 598994
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 27.3 24.7 37.1

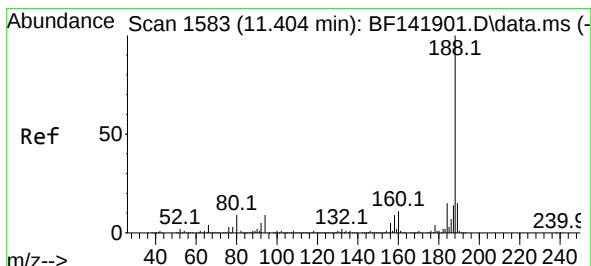
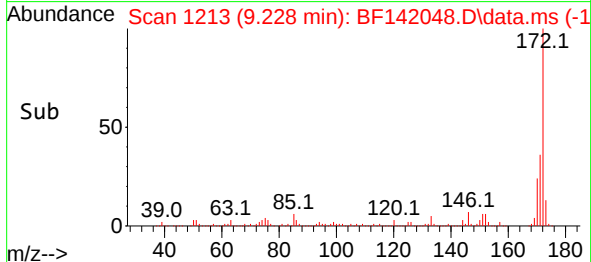
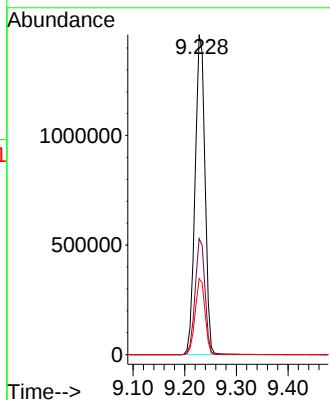
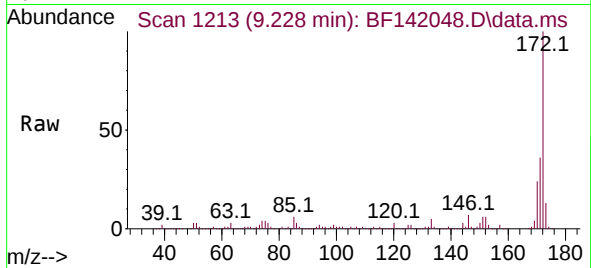




#45
2-Fluorobiphenyl
Concen: 96.294 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

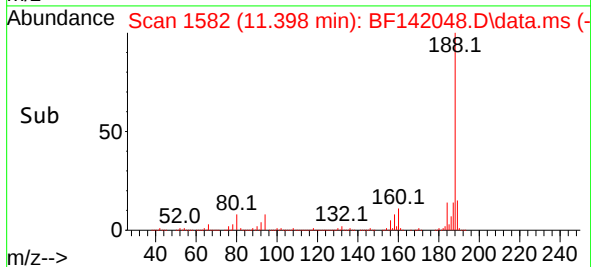
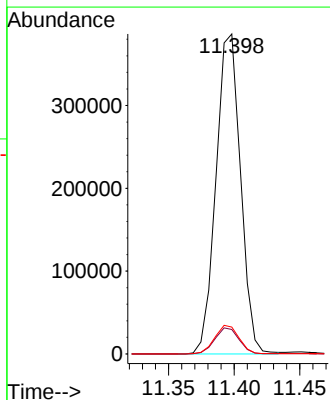
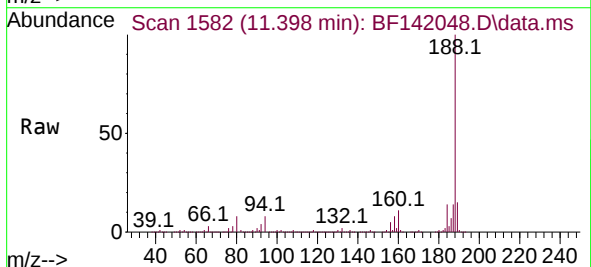
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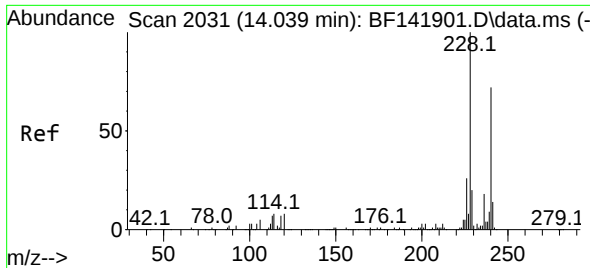
Tgt Ion:172 Resp: 1941051
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 23.7 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

Tgt Ion:188 Resp: 503375
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 8.4 7.6 11.4

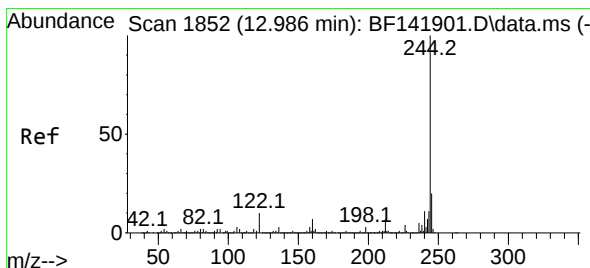
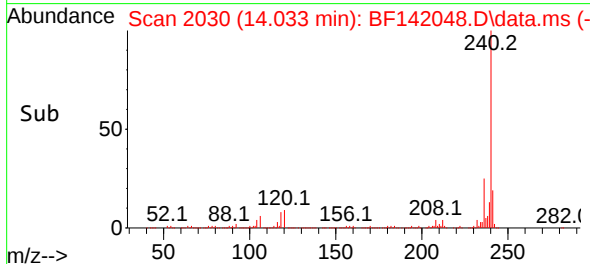
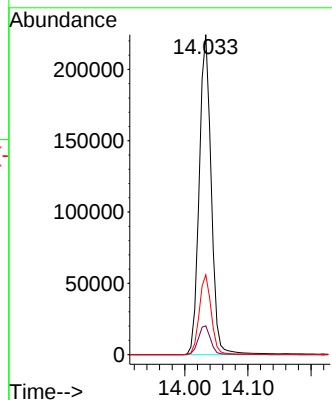
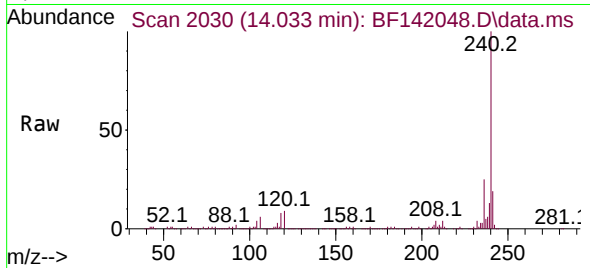




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

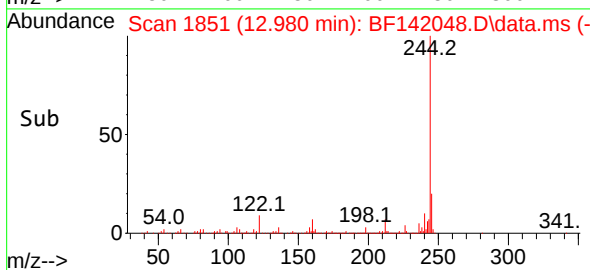
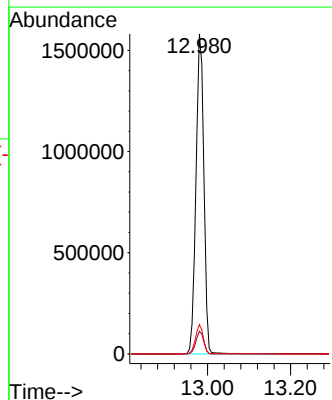
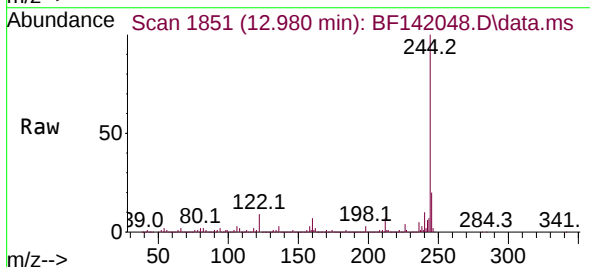
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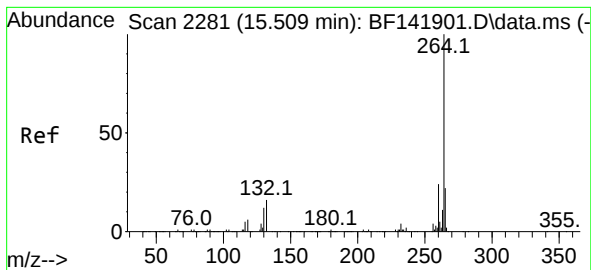
Tgt Ion:240 Resp: 296423
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 24.9 20.5 30.7



#79
Terphenyl-d14
Concen: 103.667 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142048.D
Acq: 24 Mar 2025 11:56

Tgt Ion:244 Resp: 2078466
Ion Ratio Lower Upper
244 100
212 7.1 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: BF142048.D

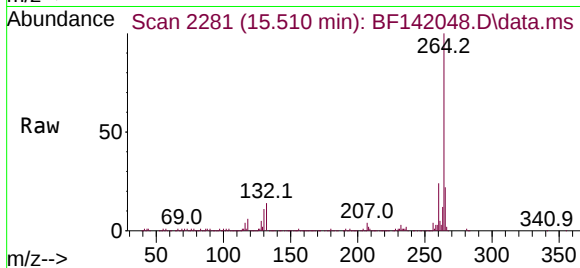
Acq: 24 Mar 2025 11:56

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 288645

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.7 17.5 26.3

