

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142043.D
 Acq On : 21 Mar 2025 21:46
 Operator : RC/JU
 Sample : Q1604-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-N45878

Quant Time: Mar 21 23:03:00 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)

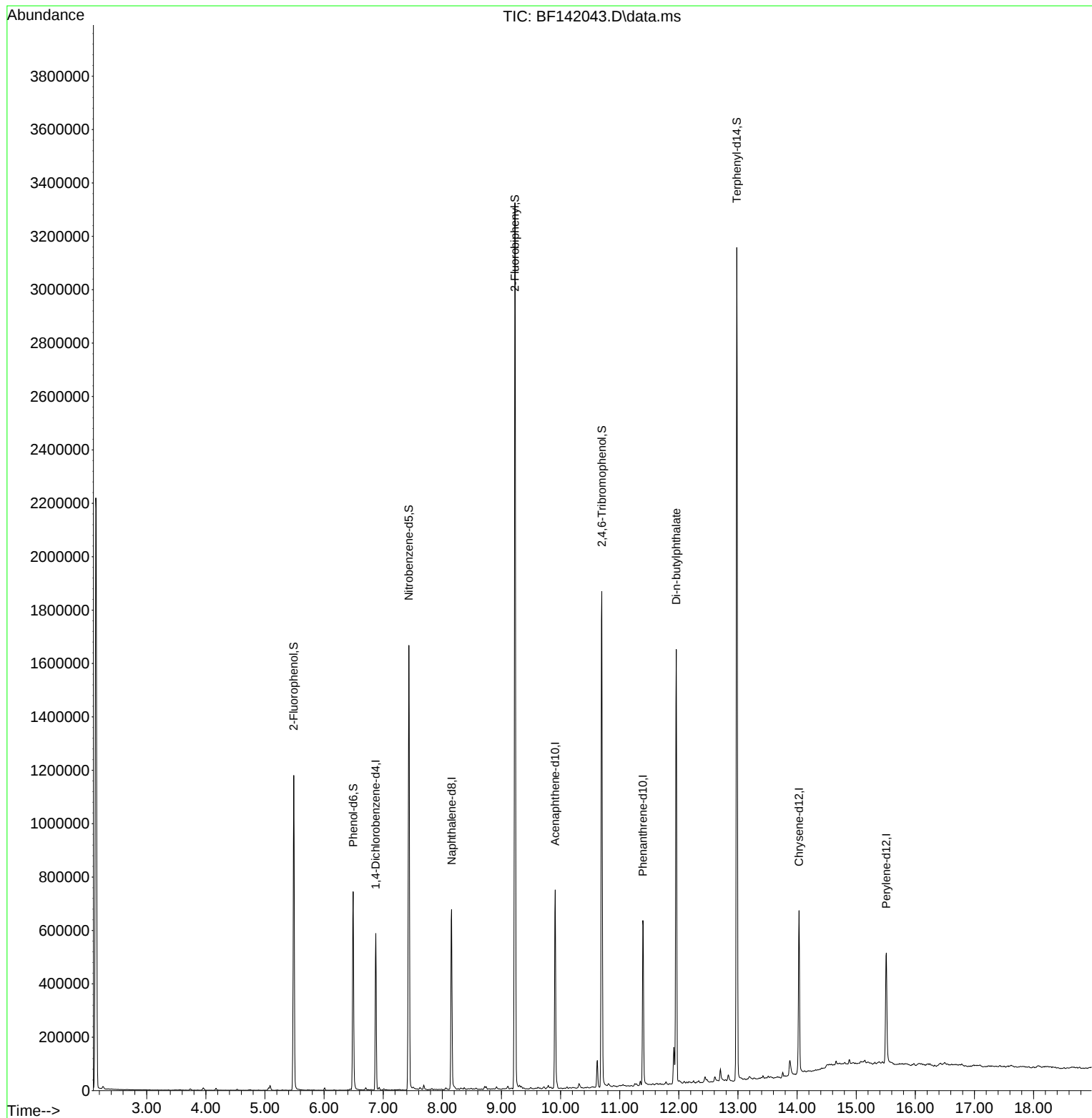
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	124823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	448692	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	223057	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	331910	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	303303	20.000	ng	0.00
86) Perylene-d12	15.509	264	266709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	447262	59.802	ng	0.00
7) Phenol-d6	6.492	99	344445	36.172	ng	-0.01
23) Nitrobenzene-d5	7.434	82	770636	96.655	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	351039	124.052	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1466310	99.974	ng	-0.01
79) Terphenyl-d14	12.980	244	1587313	77.374	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.957	149	1167291	56.715	ng	Qvalue 99

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

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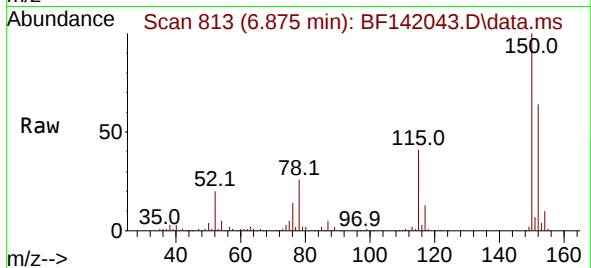
Quant Time: Mar 21 23:03:00 2025
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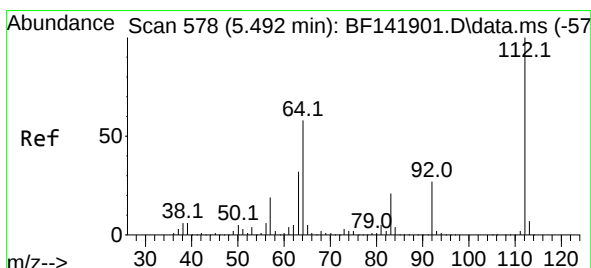
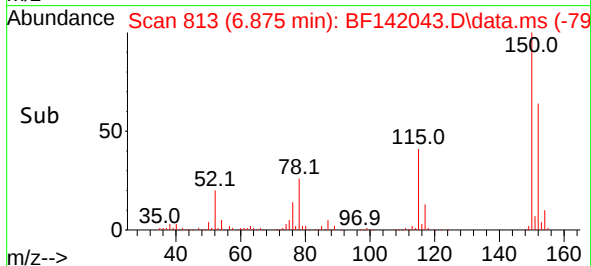
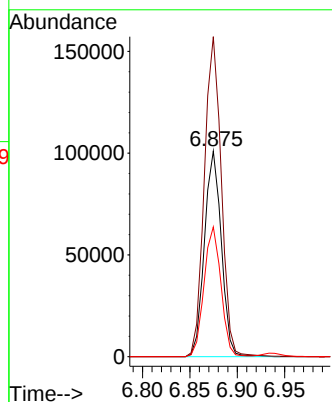


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

Instrument :
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ClientSampleId :
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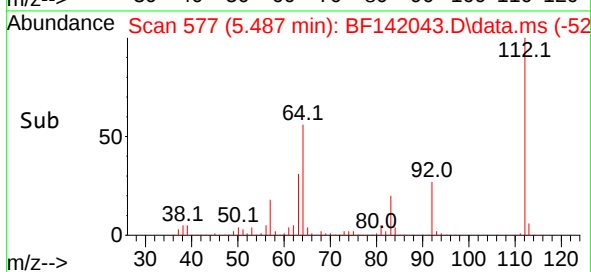
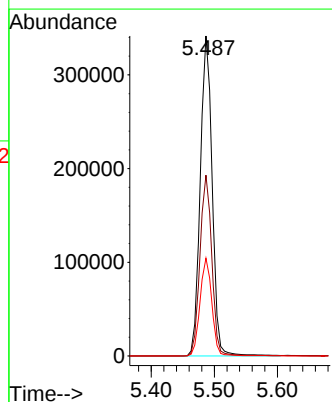
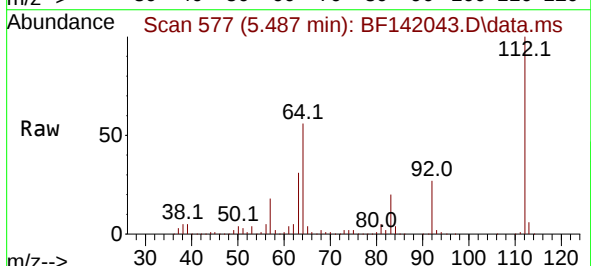


Tgt Ion:152 Resp: 124823
Ion Ratio Lower Upper
152 100
150 155.6 127.4 191.2
115 63.2 51.9 77.9



#5
2-Fluorophenol
Concen: 59.802 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

Tgt Ion:112 Resp: 447262
Ion Ratio Lower Upper
112 100
64 56.5 46.5 69.7
63 30.5 25.4 38.2

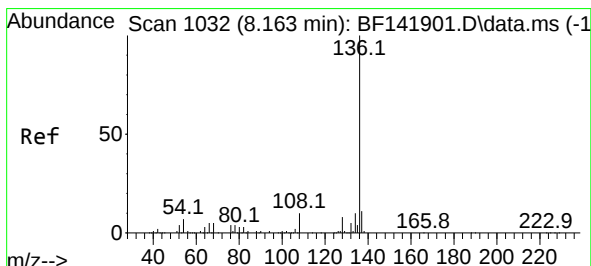
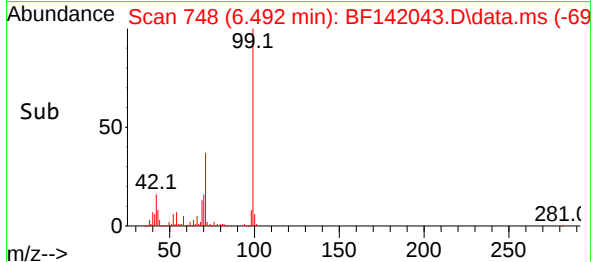
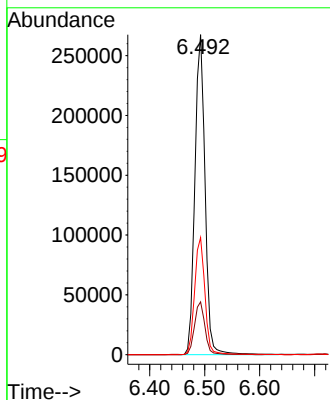
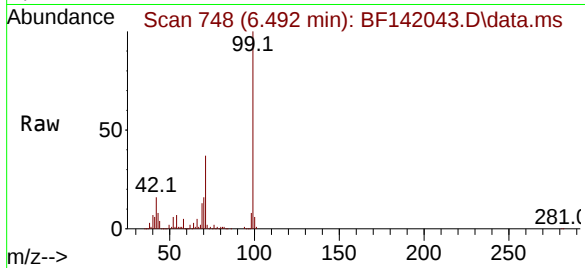




#7
Phenol-d6
Concen: 36.172 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

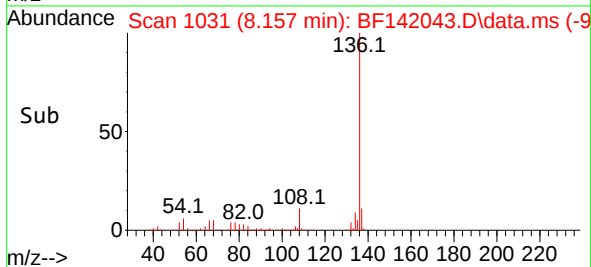
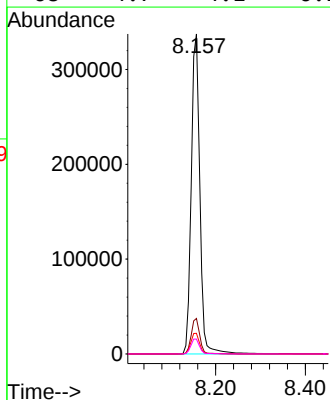
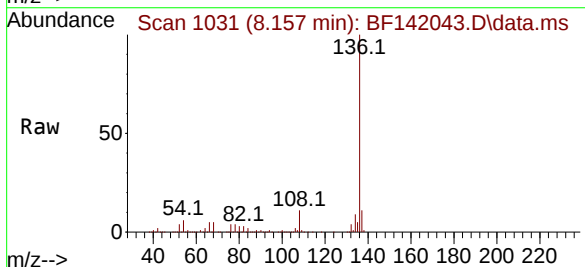
Instrument :
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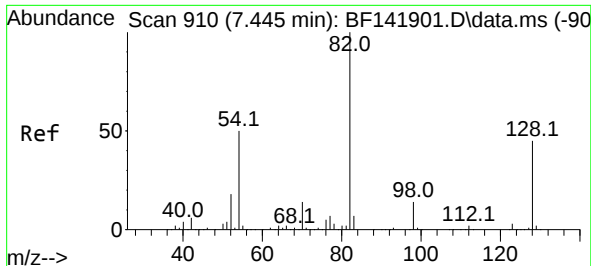
Tgt Ion: 99 Resp: 344445
Ion Ratio Lower Upper
99 100
42 16.5 14.6 21.8
71 36.6 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

Tgt Ion:136 Resp: 448692
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.8 8.8
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.655 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142043.D

Acq: 21 Mar 2025 21:46

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-N45878

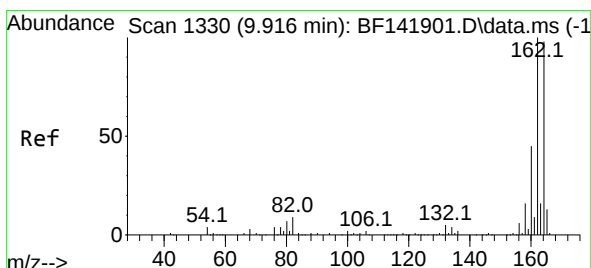
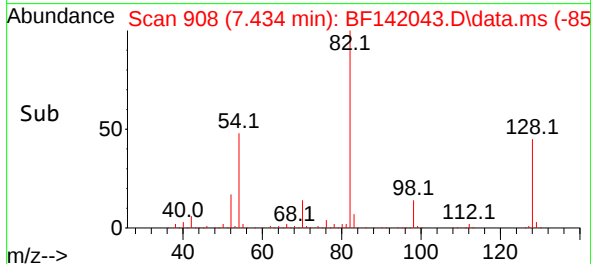
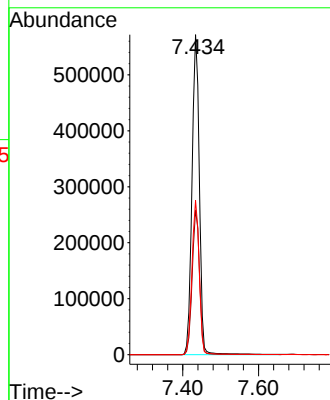
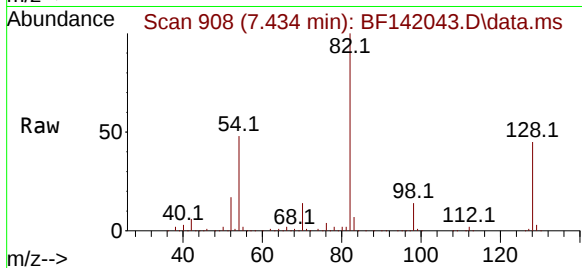
Tgt Ion: 82 Resp: 770636

Ion Ratio Lower Upper

82 100

128 45.2 36.0 54.0

54 48.2 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142043.D

Acq: 21 Mar 2025 21:46

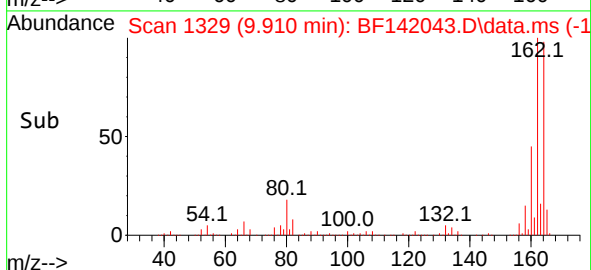
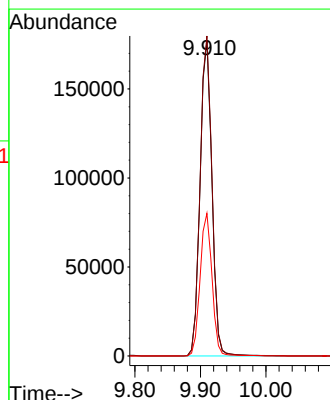
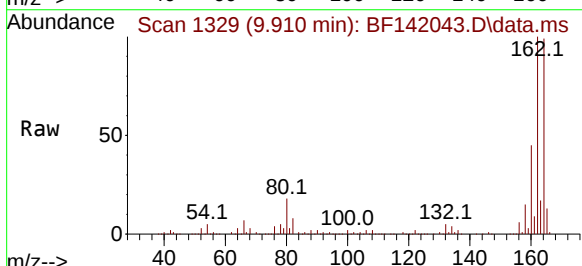
Tgt Ion:164 Resp: 223057

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 45.2 36.7 55.1

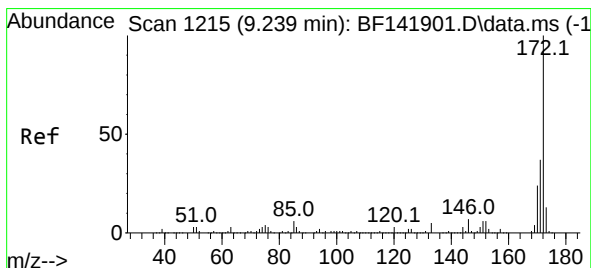
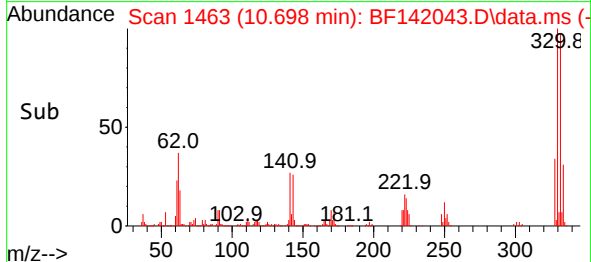
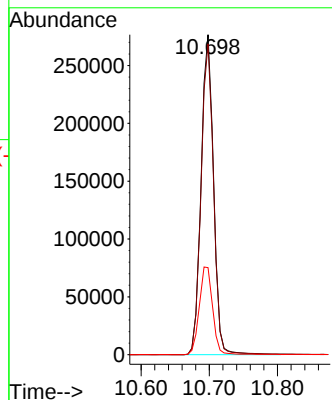
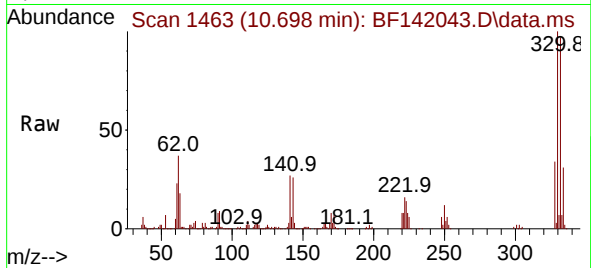




#42
2,4,6-Tribromophenol
Concen: 124.052 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

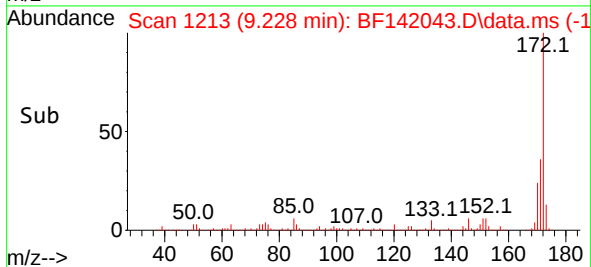
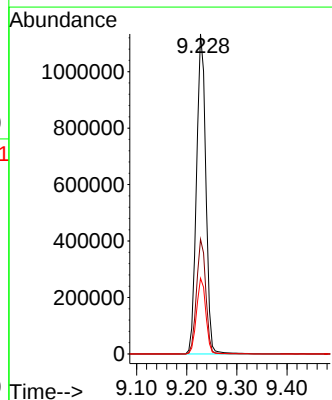
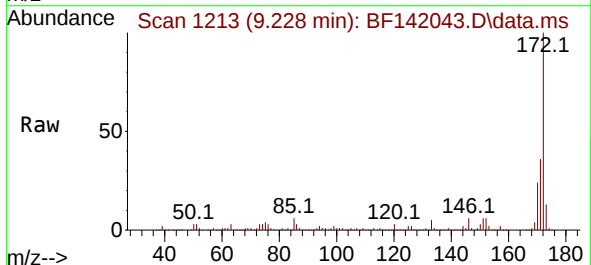
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Tgt Ion:330 Resp: 351039
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 29.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 99.974 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

Tgt Ion:172 Resp: 1466310
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.7 19.4 29.0

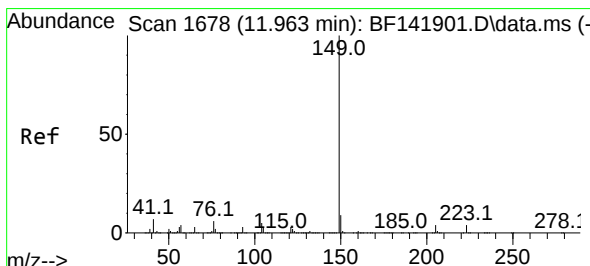
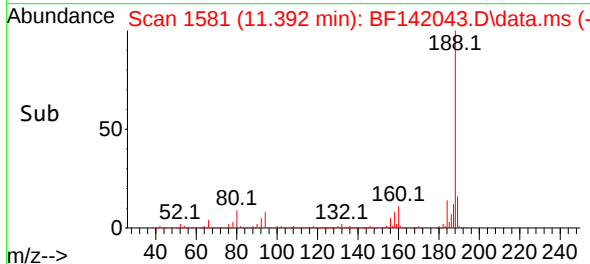
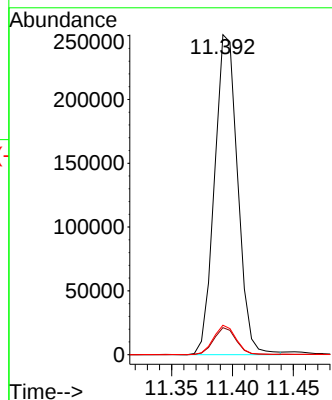
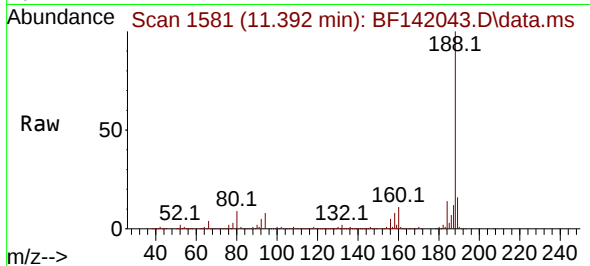




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

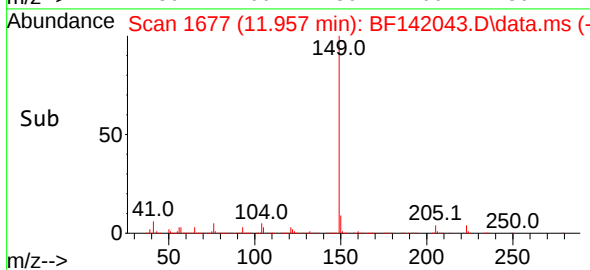
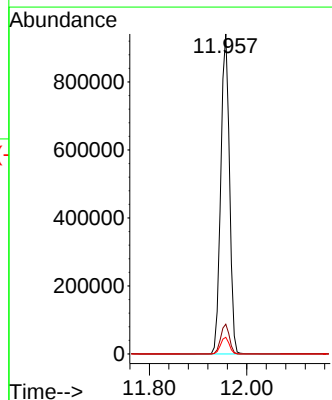
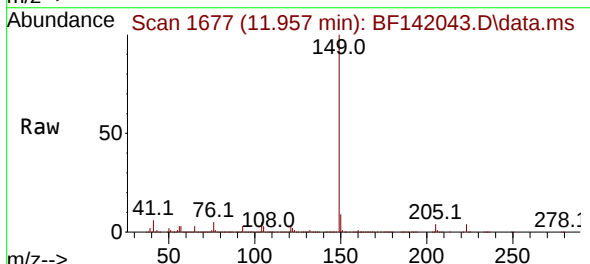
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ClientSampleId :
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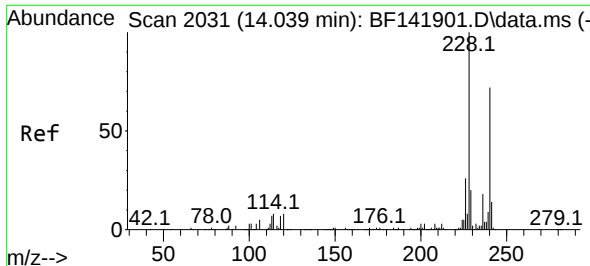
Tgt Ion:188 Resp: 331910
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.2 7.6 11.4



#74
Di-n-butylphthalate
Concen: 56.715 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.006 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

Tgt Ion:149 Resp: 1167291
Ion Ratio Lower Upper
149 100
150 9.3 7.6 11.4
104 5.2 4.4 6.6

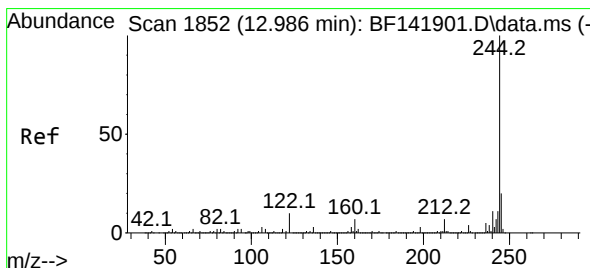
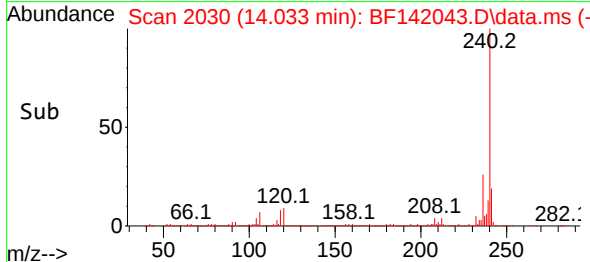
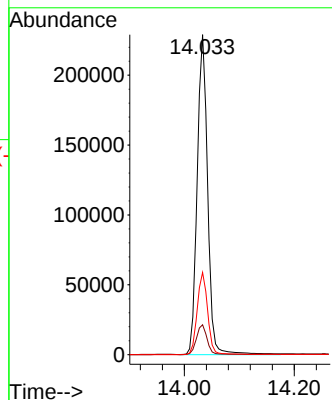
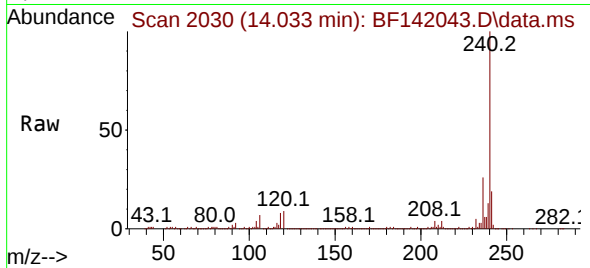




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

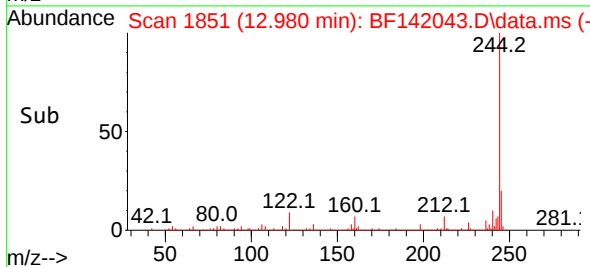
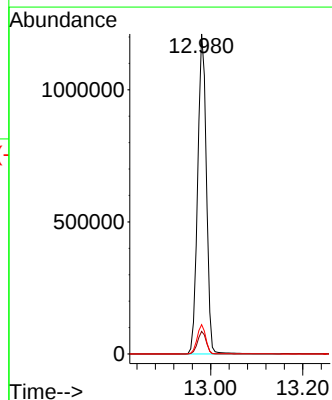
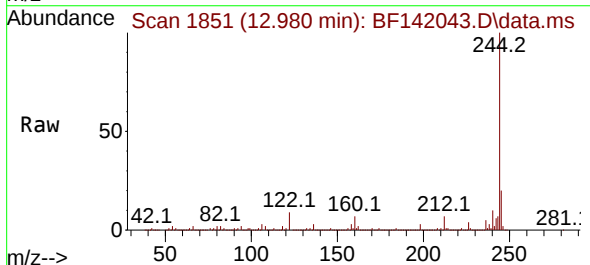
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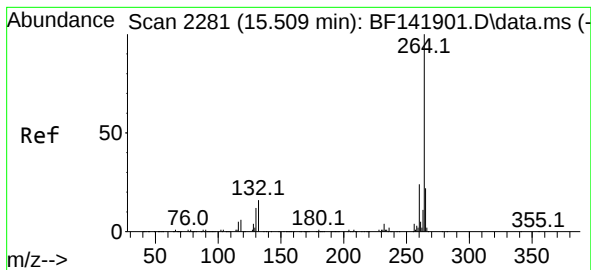
Tgt Ion:240 Resp: 303303
Ion Ratio Lower Upper
240 100
120 9.3 8.4 12.6
236 25.7 20.5 30.7



#79
Terphenyl-d14
Concen: 77.374 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142043.D
Acq: 21 Mar 2025 21:46

Tgt Ion:244 Resp: 1587313
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: 15.509 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142043.D

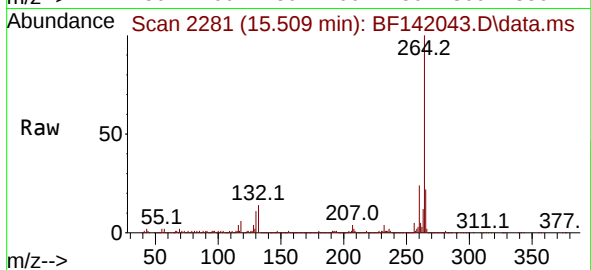
Acq: 21 Mar 2025 21:46

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 266709

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.6 17.5 26.3

