

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142123.D
 Acq On : 27 Mar 2025 13:38
 Operator : RC/JU
 Sample : Q1644-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 031925

Quant Time: Mar 27 14:32:26 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)

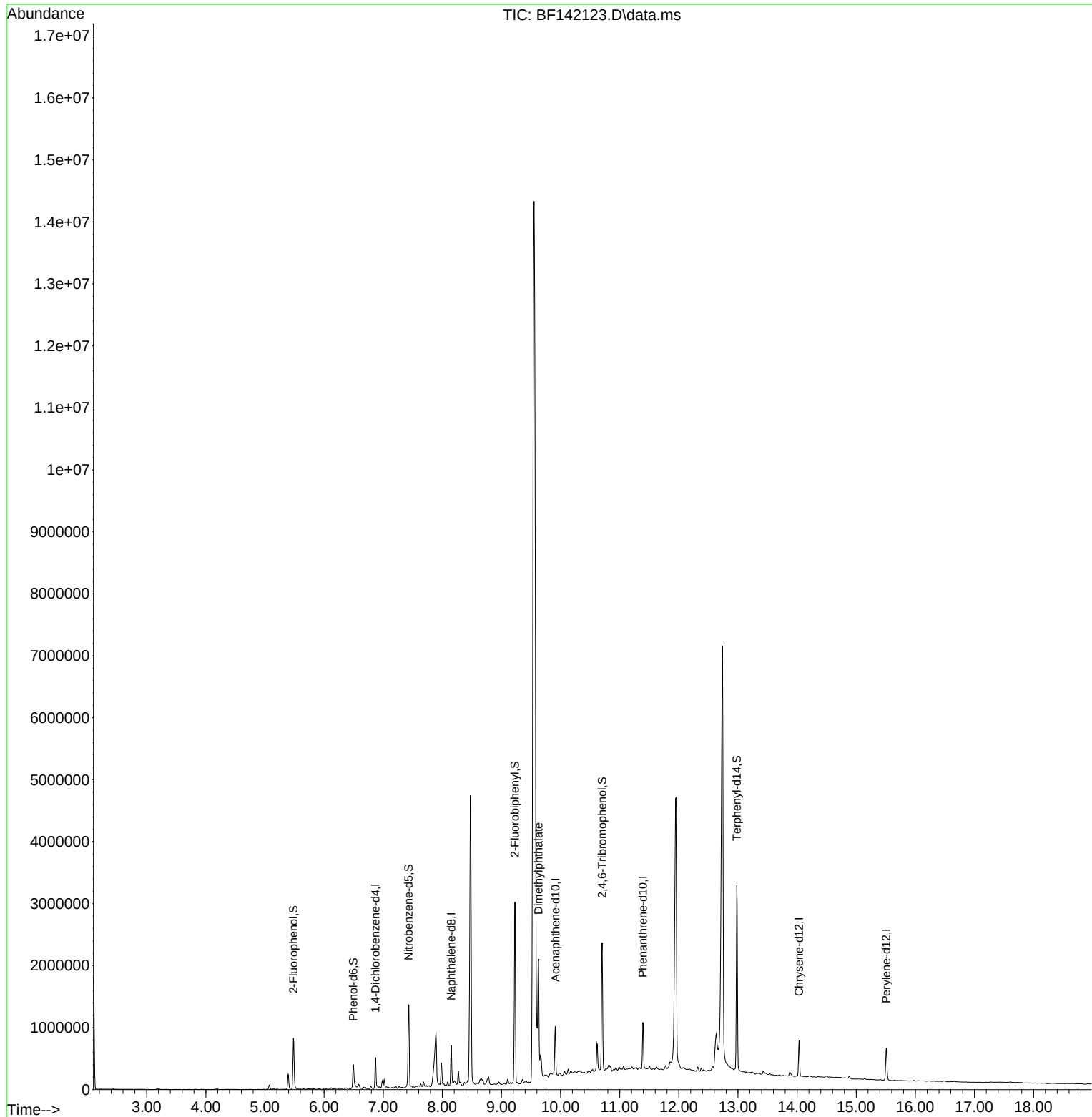
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	102139	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	403830	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	221204	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	383959	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	283839	20.000	ng	0.00
86) Perylene-d12	15.509	264	321000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	362774	59.278	ng	-0.01
7) Phenol-d6	6.492	99	225682	28.963	ng	-0.01
23) Nitrobenzene-d5	7.428	82	625558	87.175	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	400745	142.804	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1258560	86.528	ng	-0.01
79) Terphenyl-d14	12.980	244	1473850	76.770	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.628	163	997672	64.406	ng	Qvalue 100

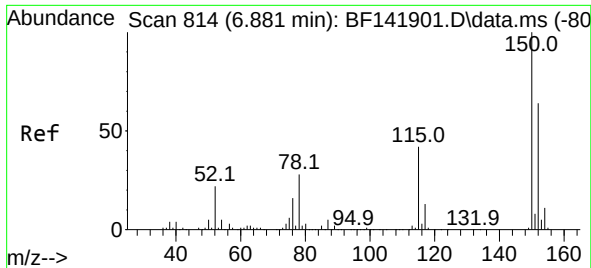
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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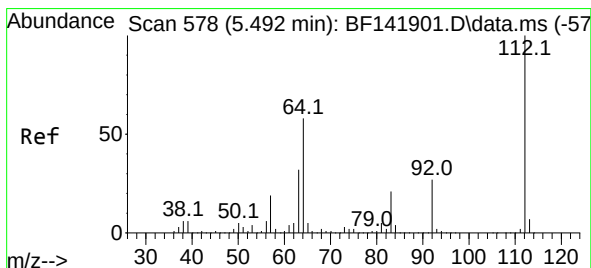
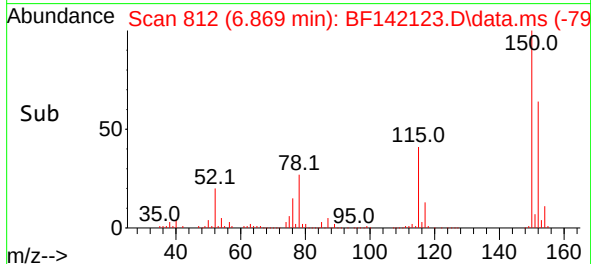
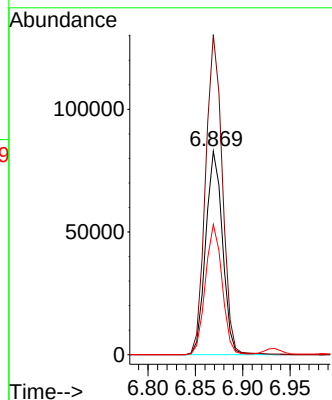
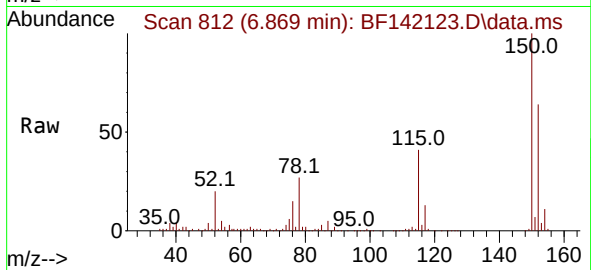




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

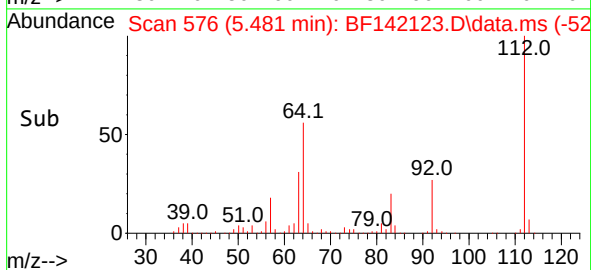
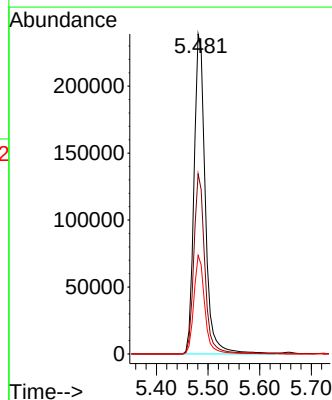
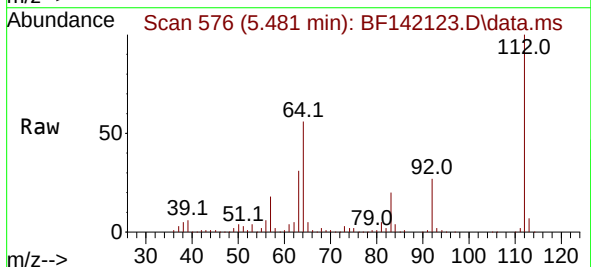
Instrument :
BNA_F
ClientSampleId :
031925

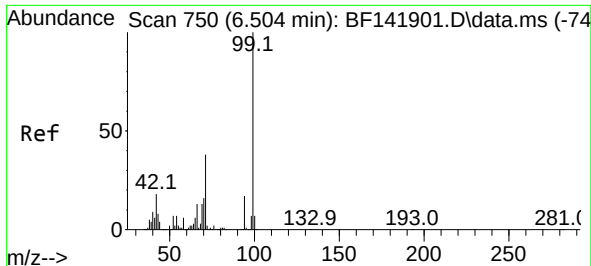
Tgt Ion:152 Resp: 102139
Ion Ratio Lower Upper
152 100
150 157.2 127.4 191.2
115 64.0 51.9 77.9



#5
2-Fluorophenol
Concen: 59.278 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

Tgt Ion:112 Resp: 362774
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 30.8 25.4 38.2

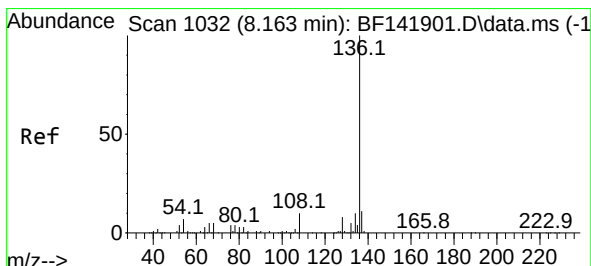
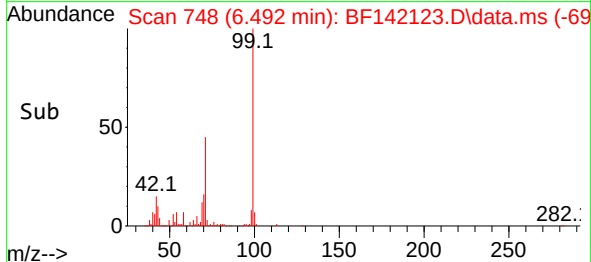
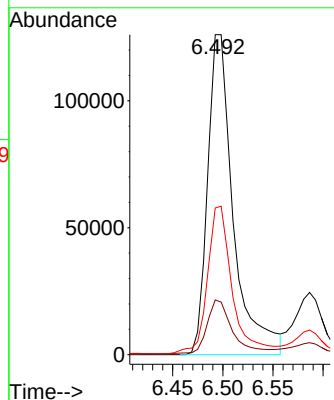
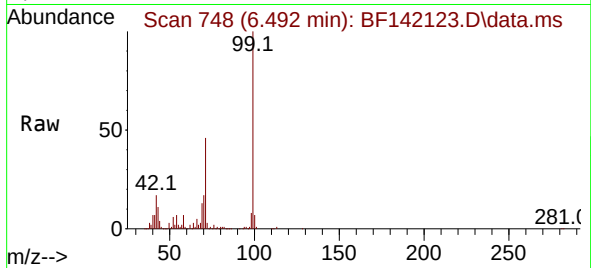




#7
Phenol-d6
Concen: 28.963 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

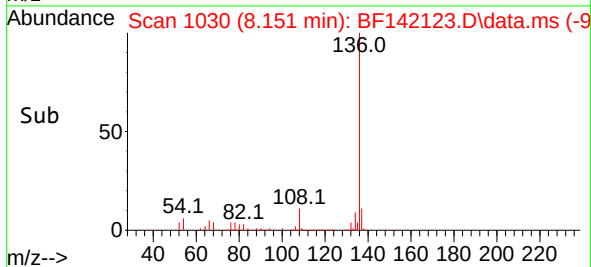
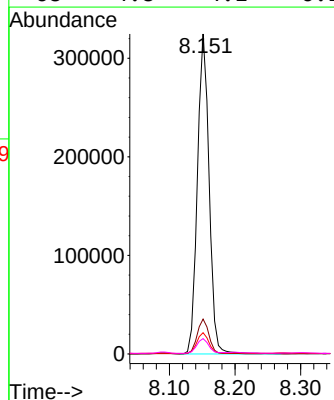
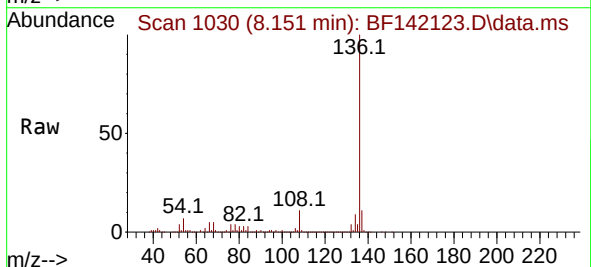
Instrument :
BNA_F
ClientSampleId :
031925

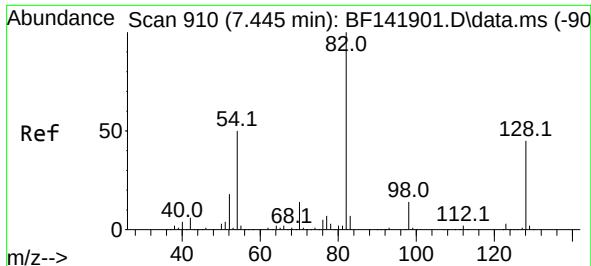
Tgt Ion: 99 Resp: 225682
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 45.8 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

Tgt Ion: 136 Resp: 403830
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.8 8.8
68 4.8 4.1 6.1

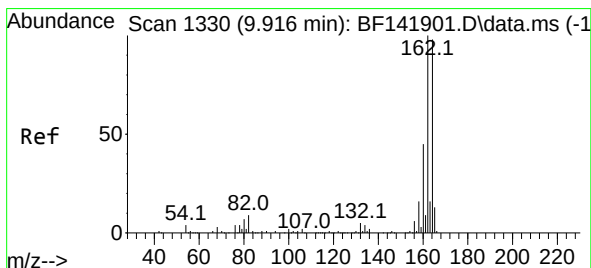
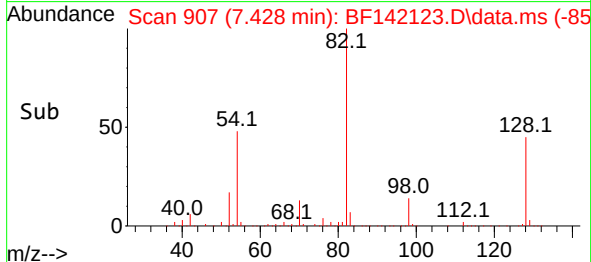
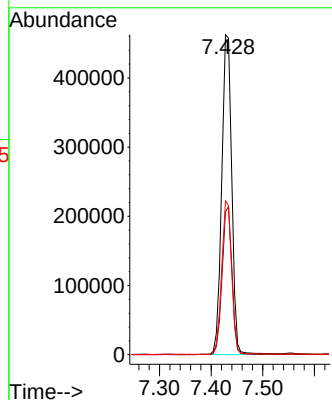
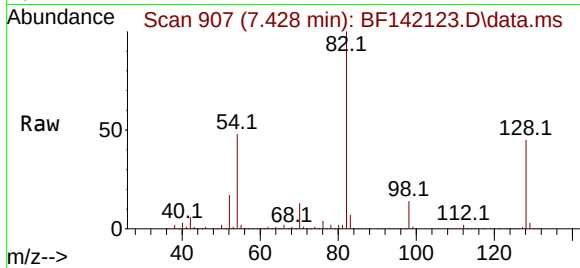




#23
Nitrobenzene-d5
Concen: 87.175 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

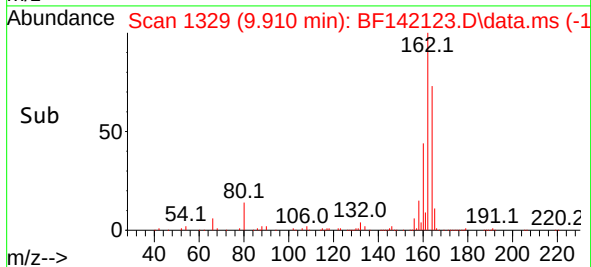
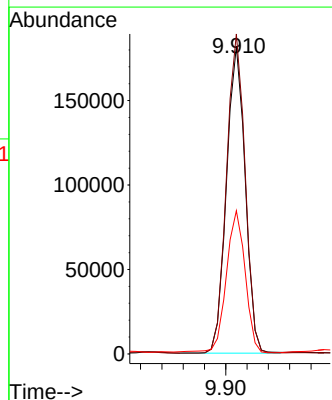
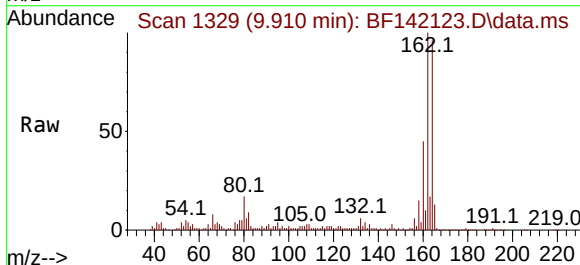
Instrument :
BNA_F
ClientSampleId :
031925

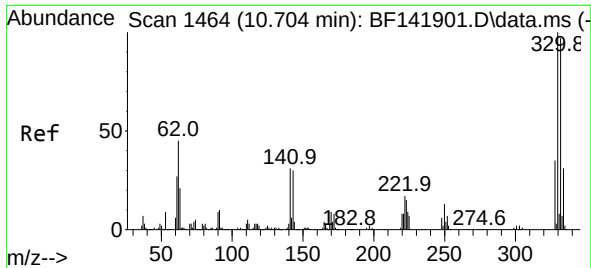
Tgt Ion: 82 Resp: 625558
Ion Ratio Lower Upper
82 100
128 44.7 36.0 54.0
54 48.1 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

Tgt Ion:164 Resp: 221204
Ion Ratio Lower Upper
164 100
162 104.0 81.8 122.6
160 46.5 36.7 55.1

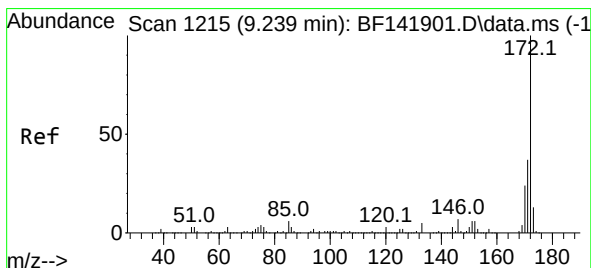
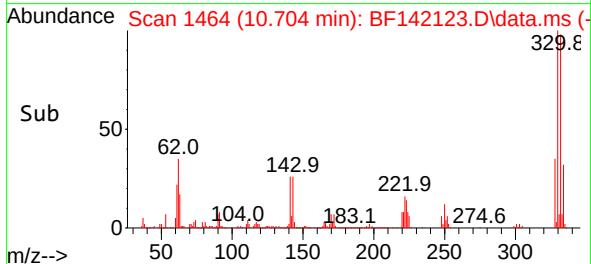
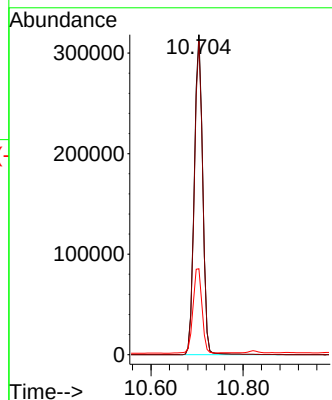
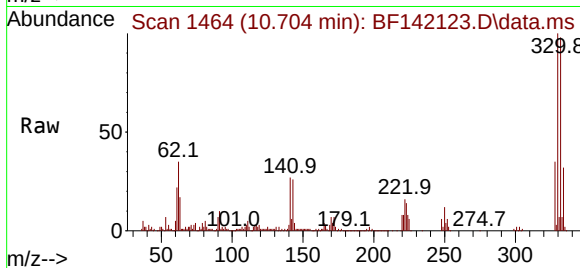




#42
 2,4,6-Tribromophenol
 Concen: 142.804 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF142123.D
 Acq: 27 Mar 2025 13:38

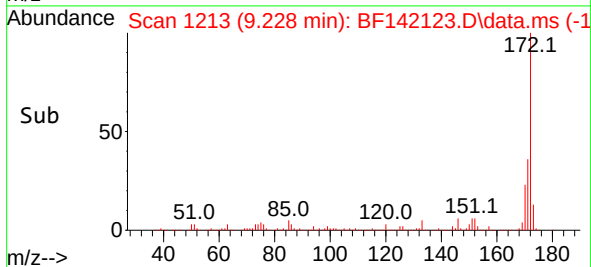
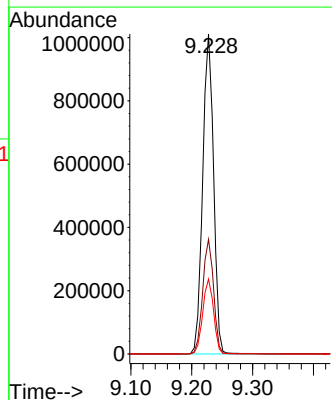
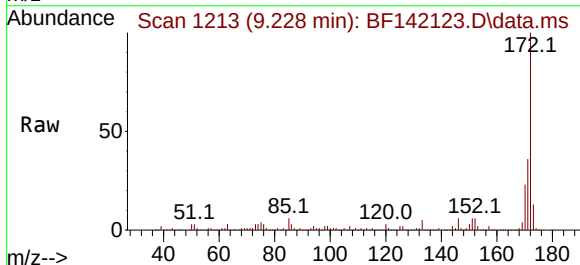
Instrument :
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 ClientSampleId :
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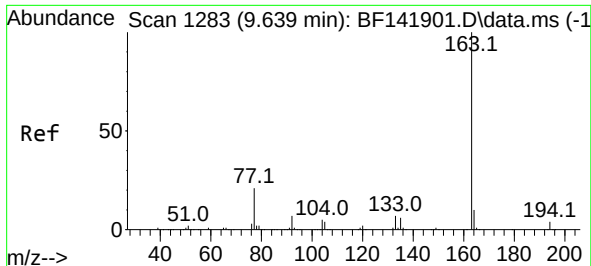
Tgt Ion: 330 Resp: 400745
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.6 116.4
 141 28.2 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 86.528 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142123.D
 Acq: 27 Mar 2025 13:38

Tgt Ion: 172 Resp: 1258560
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 23.4 19.4 29.0

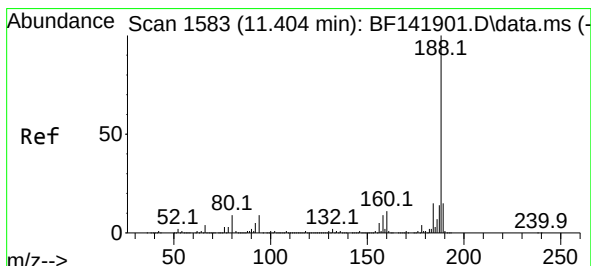
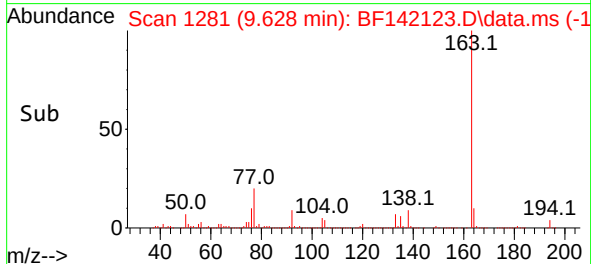
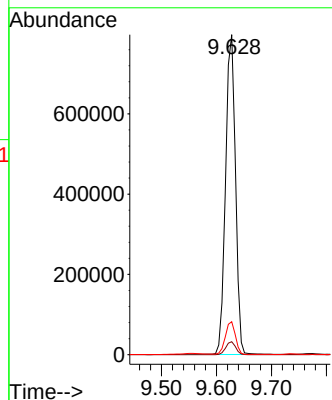
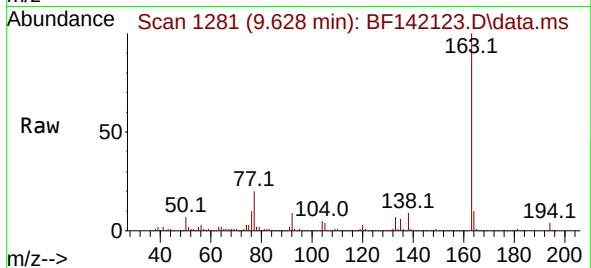




#50
Dimethylphthalate
Concen: 64.406 ng
RT: 9.628 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

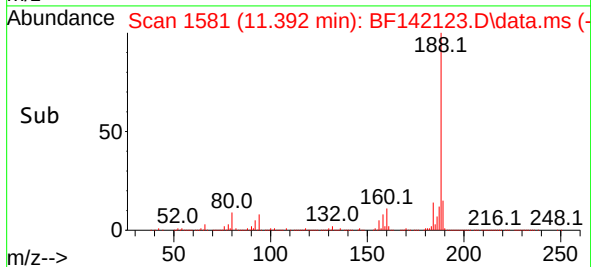
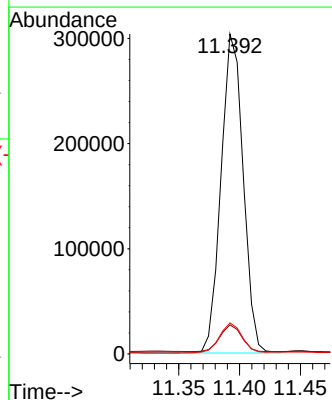
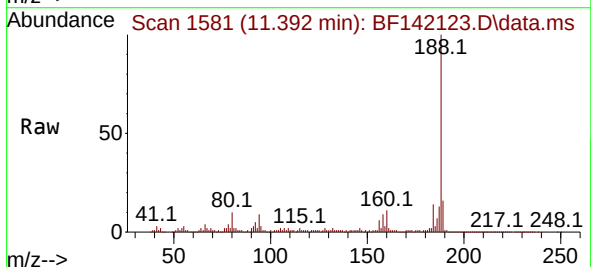
Instrument :
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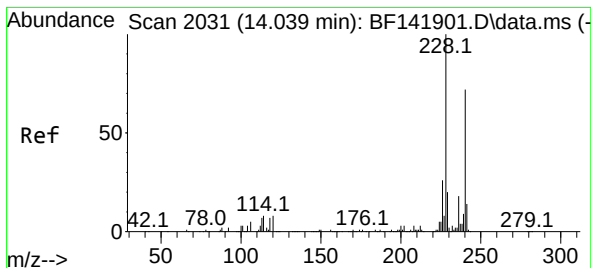
Tgt Ion:163 Resp: 997672
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142123.D
Acq: 27 Mar 2025 13:38

Tgt Ion:188 Resp: 383959
Ion Ratio Lower Upper
188 100
94 9.1 6.8 10.2
80 9.7 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: BF142123.D

Acq: 27 Mar 2025 13:38

Instrument :

BNA_F

ClientSampleId :

031925

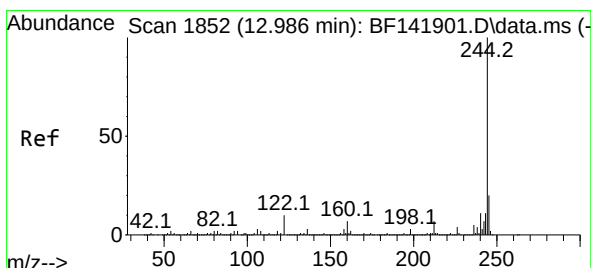
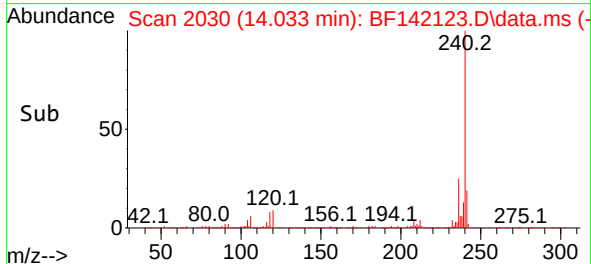
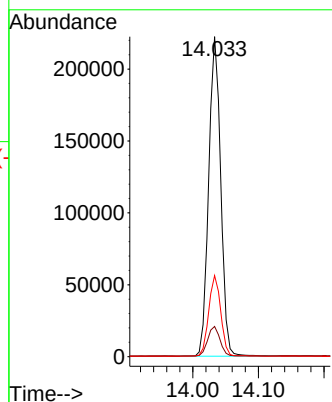
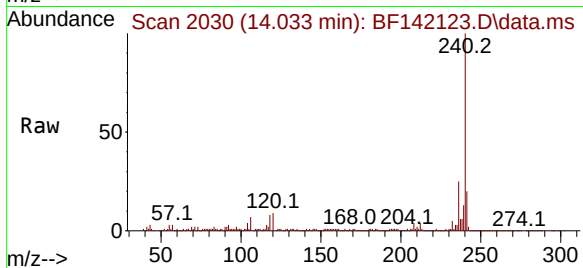
Tgt Ion:240 Resp: 283839

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 76.770 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142123.D

Acq: 27 Mar 2025 13:38

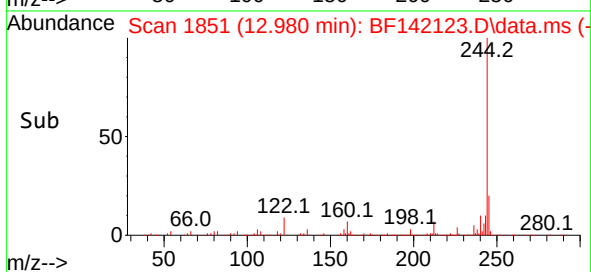
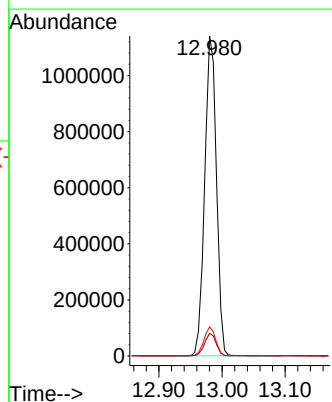
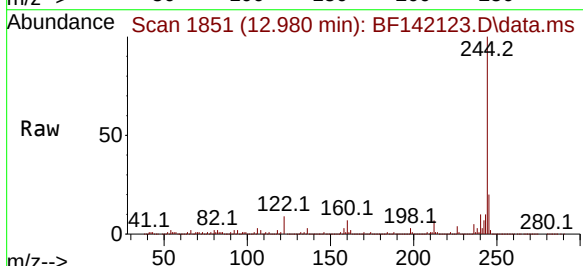
Tgt Ion:244 Resp: 1473850

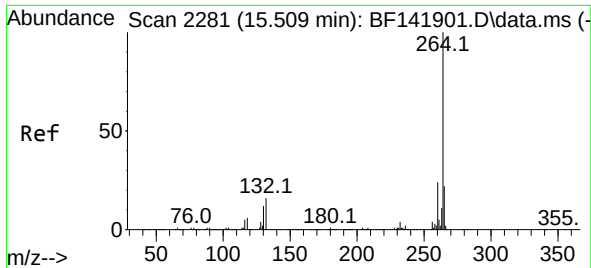
Ion Ratio Lower Upper

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: BF142123.D
Acq: 27 Mar 2025 13:38

Instrument :
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Tgt Ion:264 Resp: 321000
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.2 17.5 26.3

