

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142012.D
 Acq On : 20 Mar 2025 15:37
 Operator : RC/JU
 Sample : Q1606-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251346

Quant Time: Mar 20 15:57:51 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)

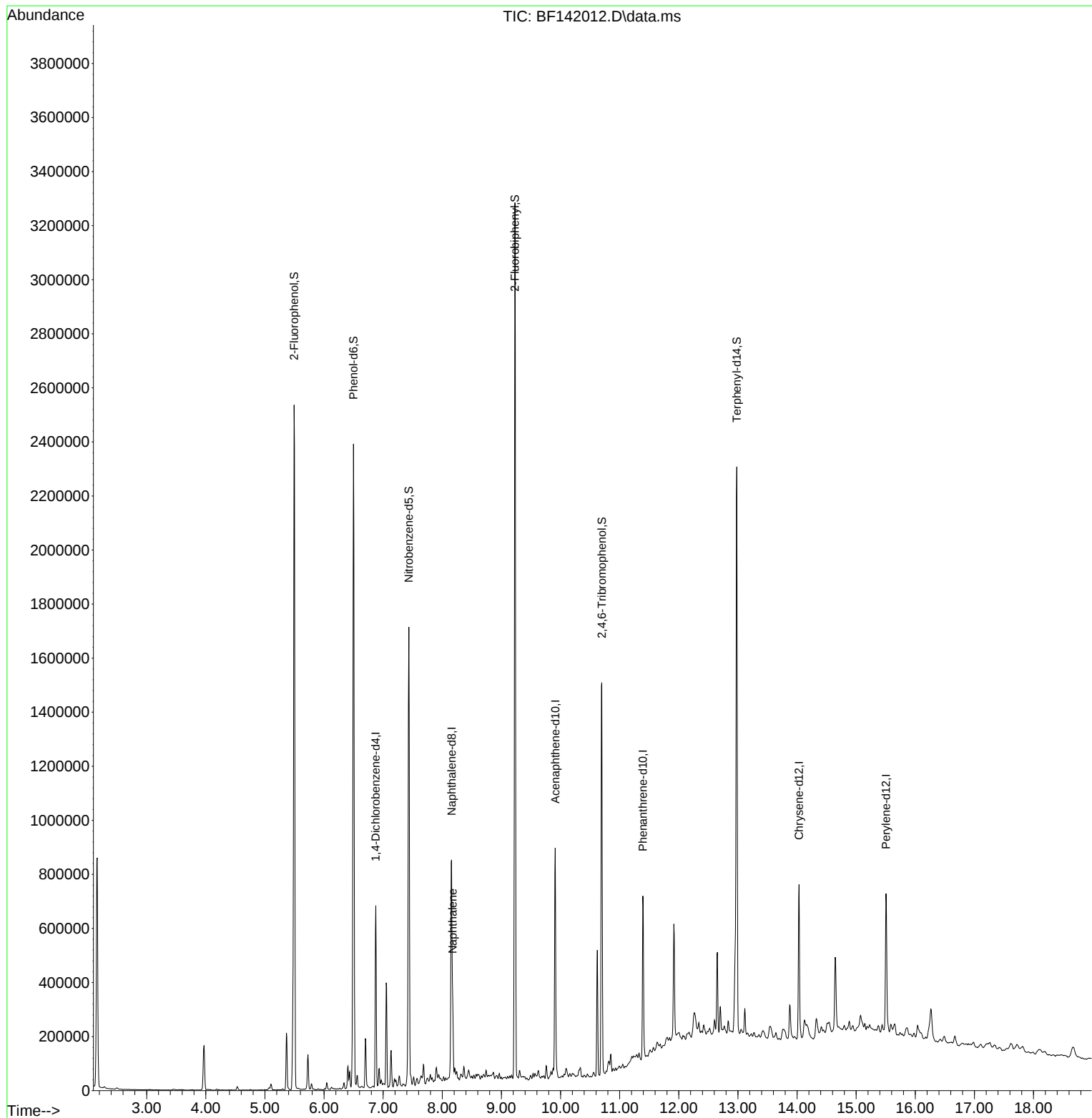
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140353	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	519571	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	250016	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	312261	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	280750	20.000	ng	0.00
86) Perylene-d12	15.504	264	322115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	964426	114.681	ng	0.00
7) Phenol-d6	6.498	99	1180115	110.216	ng	0.00
23) Nitrobenzene-d5	7.434	82	763846	82.734	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	273751	86.308	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1397012	84.978	ng	-0.01
79) Terphenyl-d14	12.980	244	1013907	53.393	ng	0.00
Target Compounds						
31) Naphthalene	8.175	128	155713	5.834	ng	99

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

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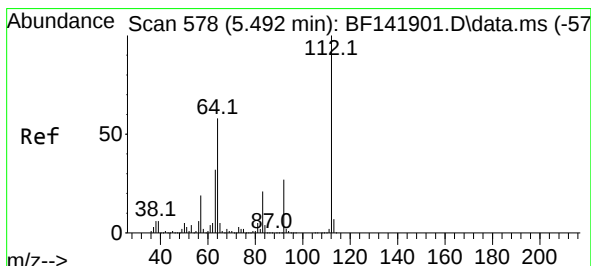
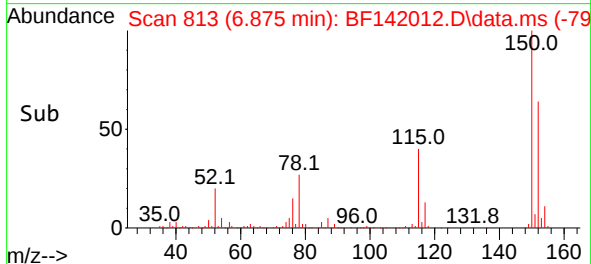
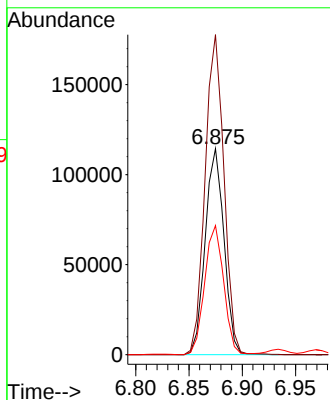
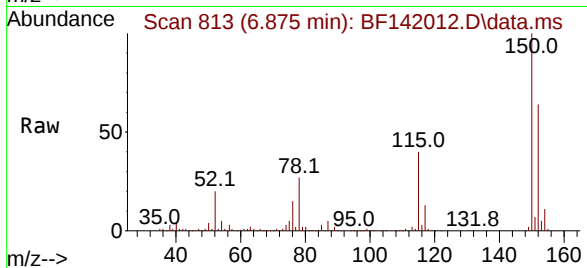




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

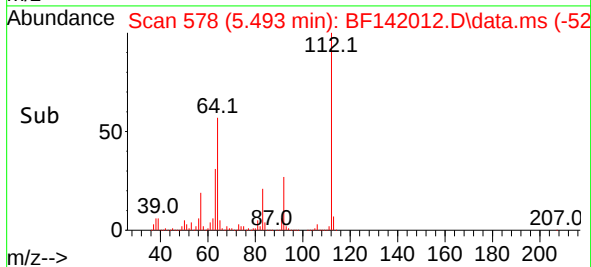
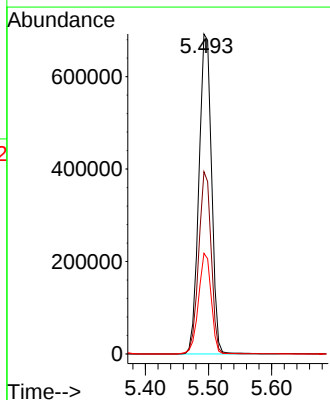
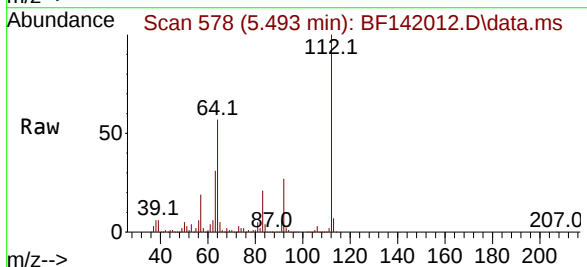
Instrument :
BNA_F
ClientSampleId :
RBR251346

Tgt Ion:152 Resp: 140353
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.2
115 62.6 51.9 77.9



#5
2-Fluorophenol
Concen: 114.681 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

Tgt Ion:112 Resp: 964426
Ion Ratio Lower Upper
112 100
64 56.9 46.5 69.7
63 31.5 25.4 38.2

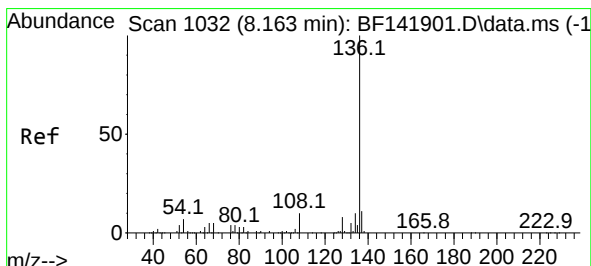
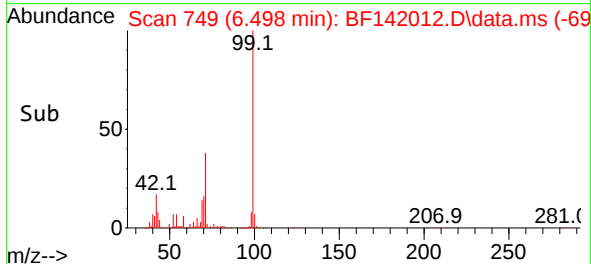
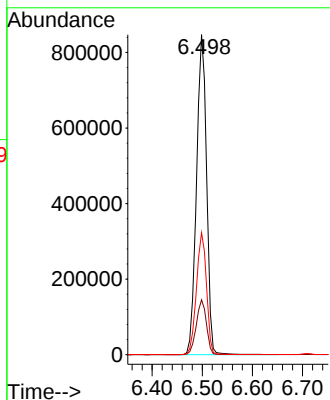
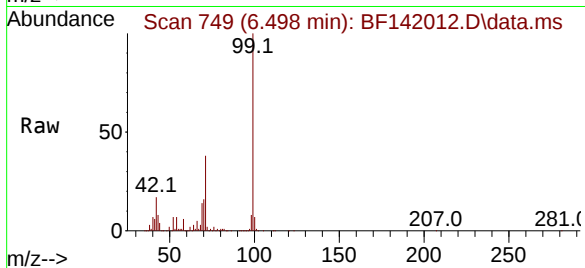




#7
Phenol-d6
Concen: 110.216 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

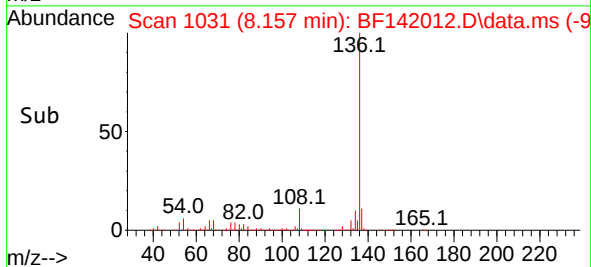
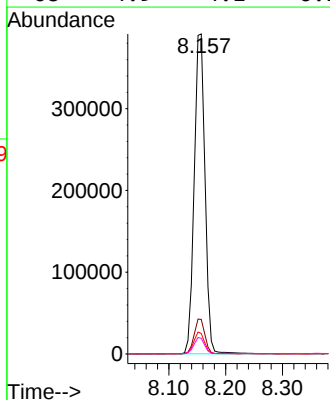
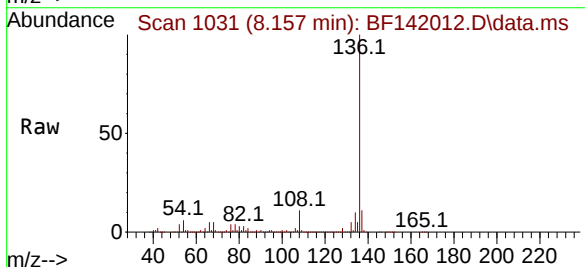
Instrument :
BNA_F
ClientSampleId :
RBR251346

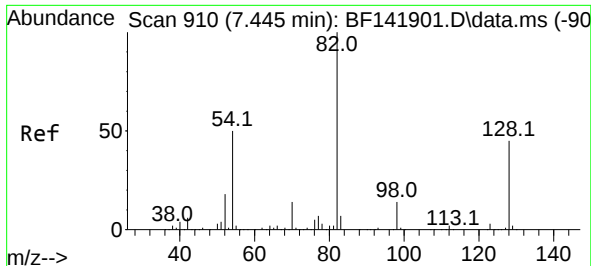
Tgt Ion: 99 Resp: 1180115
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 38.2 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

Tgt Ion:136 Resp: 519571
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 82.734 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142012.D

Acq: 20 Mar 2025 15:37

Instrument :

BNA_F

ClientSampleId :

RBR251346

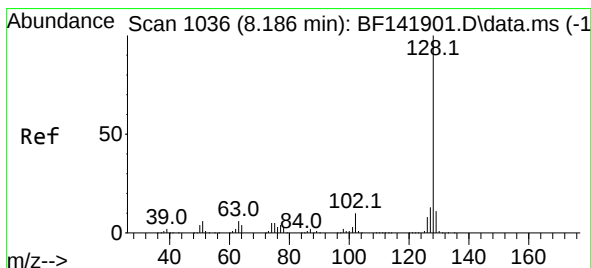
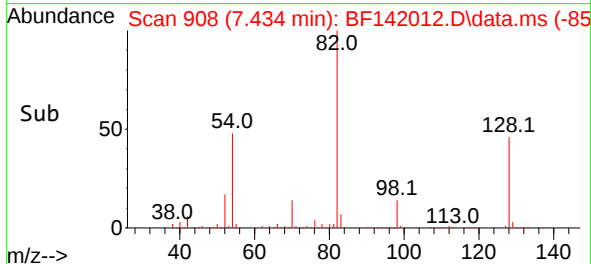
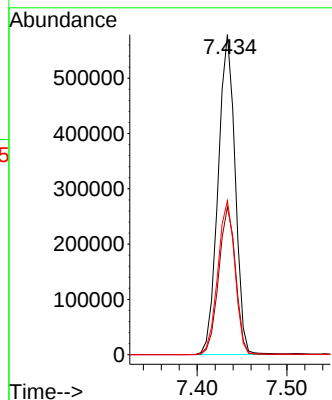
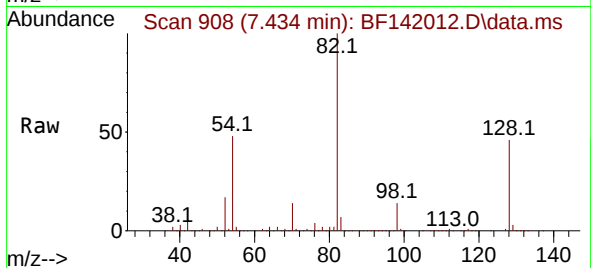
Tgt Ion: 82 Resp: 763846

Ion Ratio Lower Upper

82 100

128 46.2 36.0 54.0

54 48.1 39.6 59.4



#31

Naphthalene

Concen: 5.834 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.012 min

Lab File: BF142012.D

Acq: 20 Mar 2025 15:37

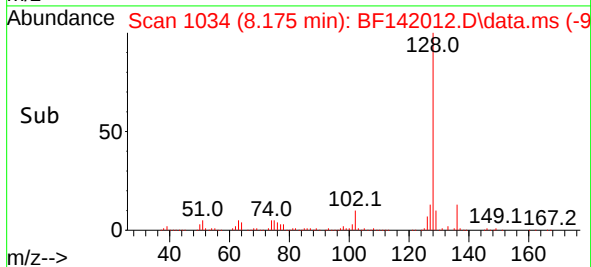
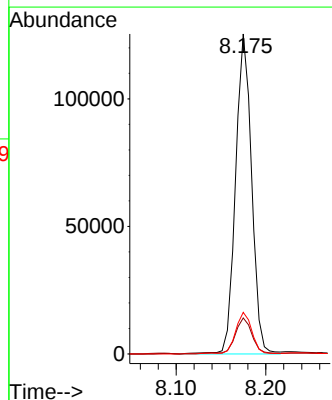
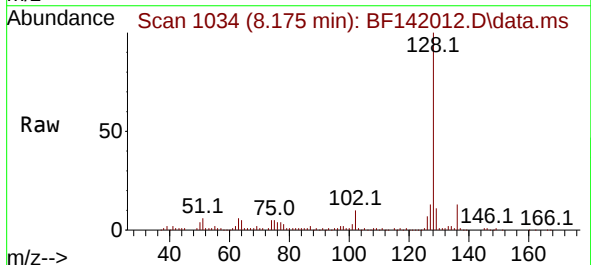
Tgt Ion:128 Resp: 155713

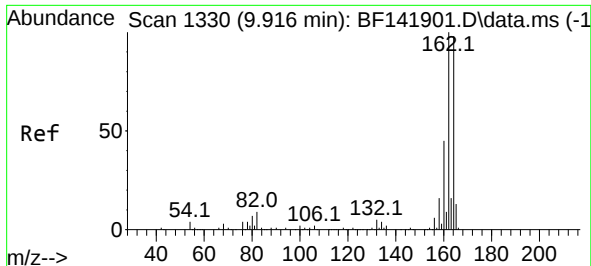
Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.0 10.8 16.2

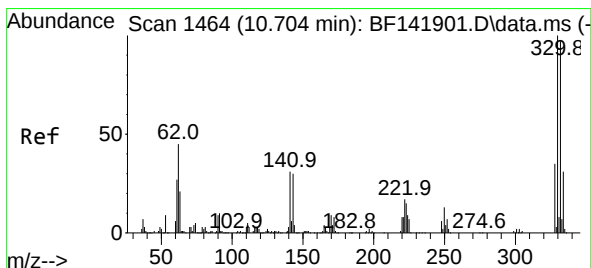
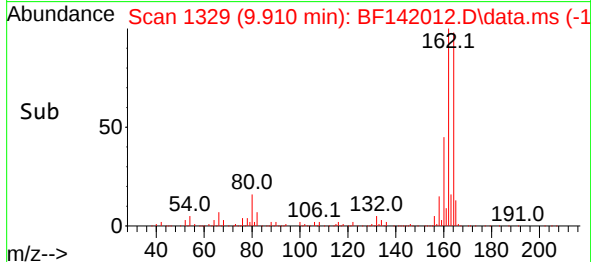
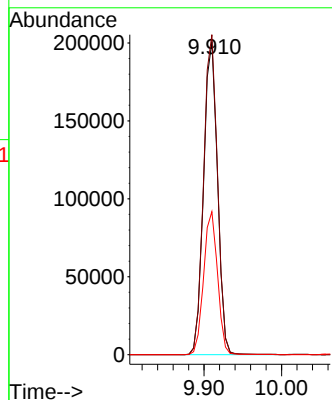
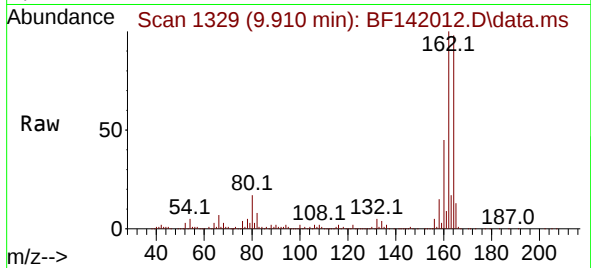




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

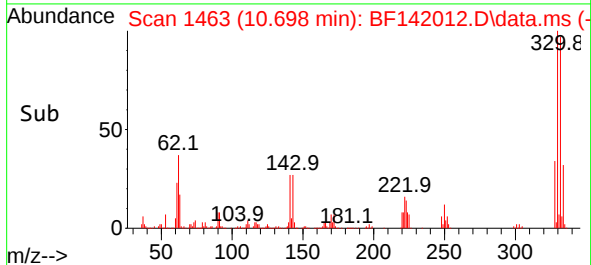
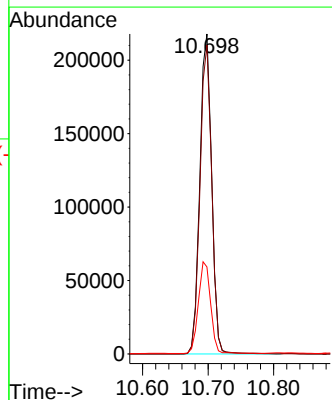
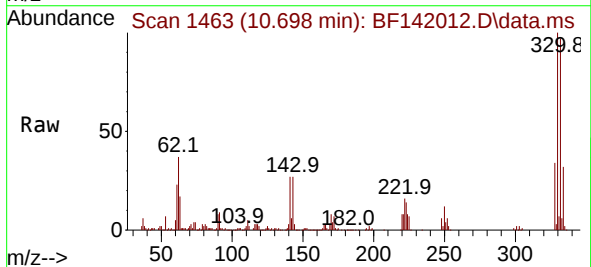
Instrument :
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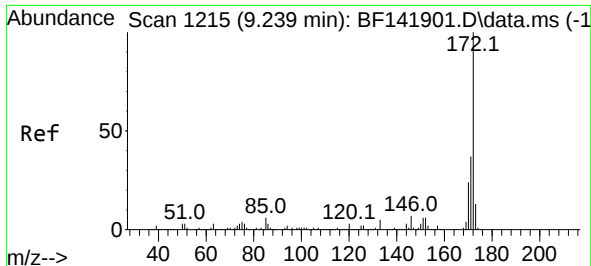
Tgt Ion:164 Resp: 250016
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.7 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 86.308 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

Tgt Ion:330 Resp: 273751
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 29.6 24.7 37.1

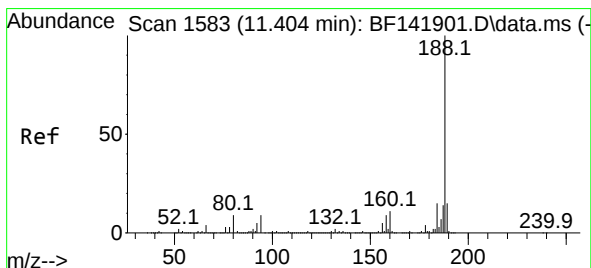
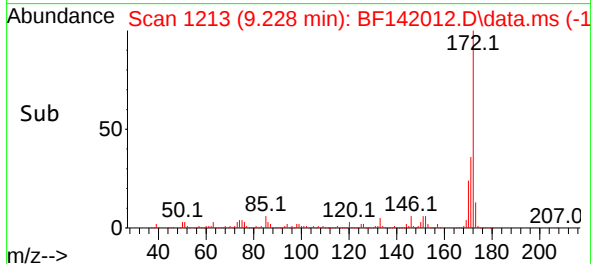
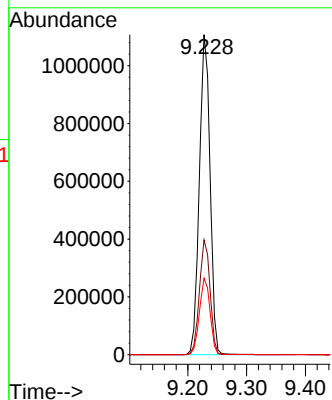
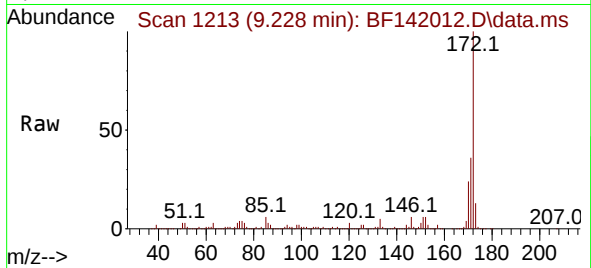




#45
2-Fluorobiphenyl
Concen: 84.978 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

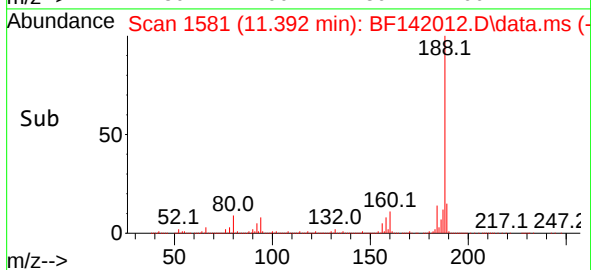
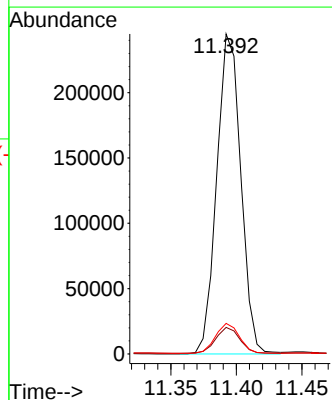
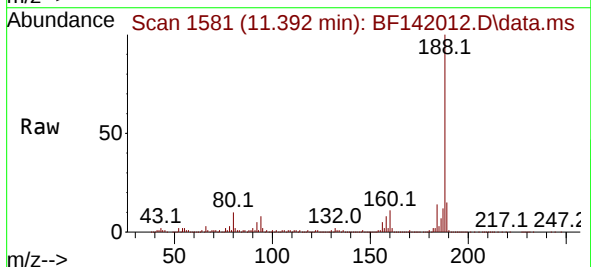
Instrument :
BNA_F
ClientSampleId :
RBR251346

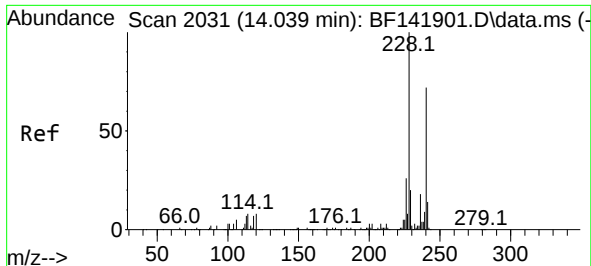
Tgt Ion:172 Resp: 1397012
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.9 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

Tgt Ion:188 Resp: 312261
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.6 7.6 11.4

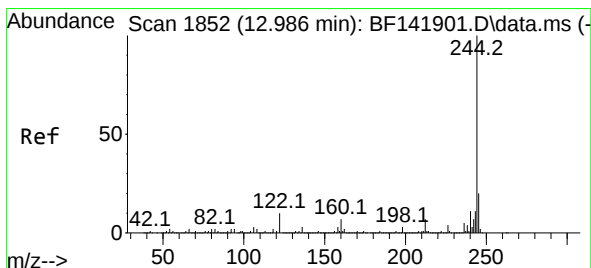
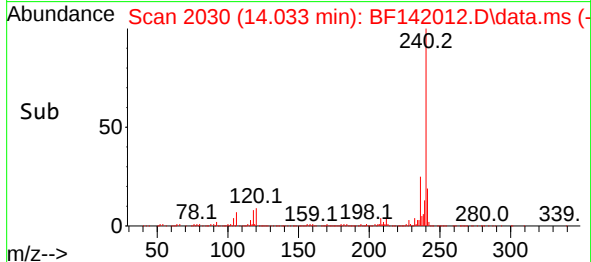
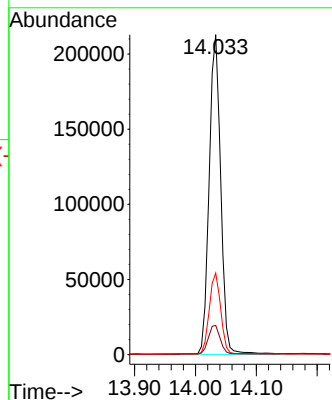
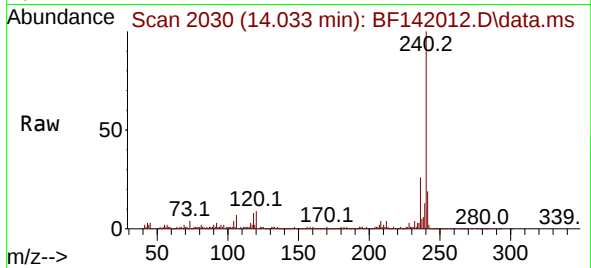




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

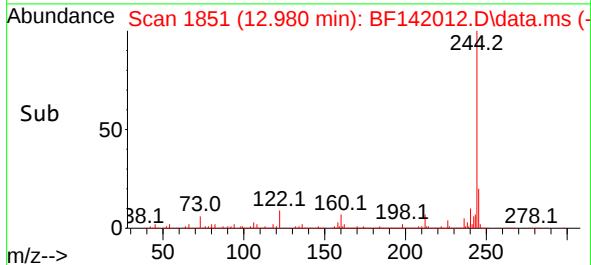
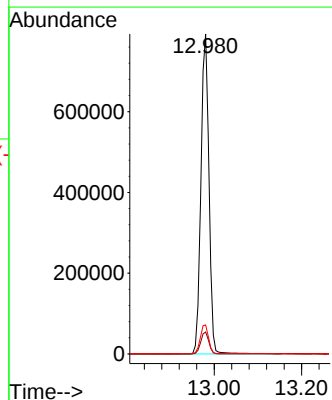
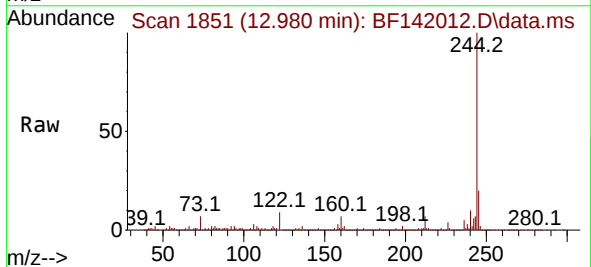
Instrument :
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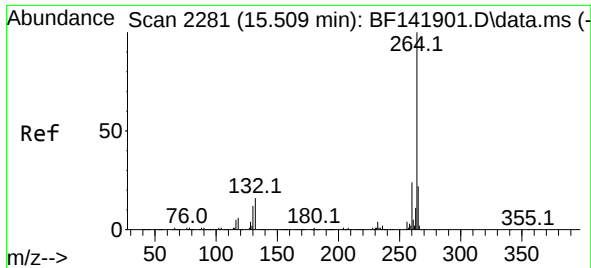
Tgt Ion:240 Resp: 280750
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 53.393 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

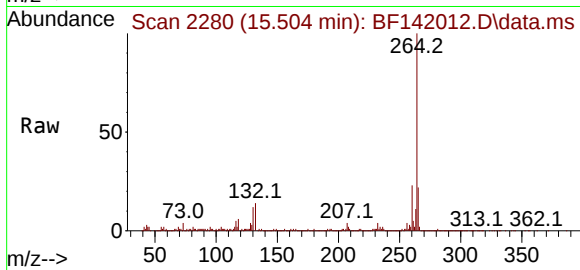
Tgt Ion:244 Resp: 1013907
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.1 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142012.D
Acq: 20 Mar 2025 15:37

Instrument :
BNA_F
ClientSampleId :
RBR251346



Tgt Ion:264 Resp: 322115

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	22.0	17.5	26.3

