

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141748.D
 Acq On : 24 Feb 2025 17:08
 Operator : RC/JU
 Sample : Q1411-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-02212025

Quant Time: Feb 24 17:33:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

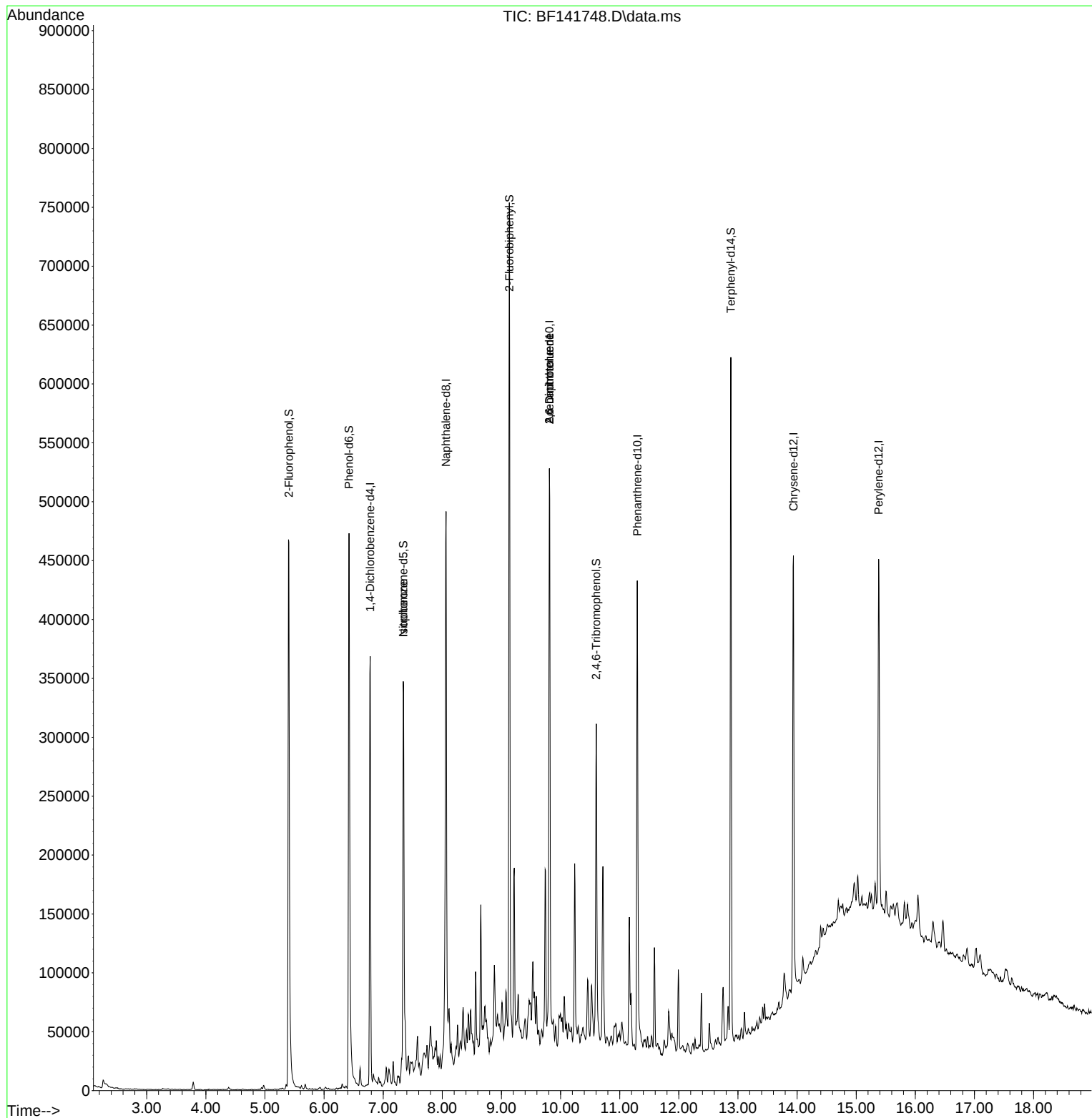
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	79407	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	307471	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	149580	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	214891	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	189757	20.000	ng	-0.02
86) Perylene-d12	15.380	264	174469	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	222902	44.008	ng	0.00
7) Phenol-d6	6.422	99	270631	42.274	ng	-0.02
23) Nitrobenzene-d5	7.339	82	168945	28.659	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	47737	31.770	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	322877	33.256	ng	-0.02
79) Terphenyl-d14	12.880	244	284690	25.327	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.339	82	160558	17.082	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	21701	9.776	ng	# 24
57) 2,4-Dinitrotoluene	9.810	165	21701	7.343	ng	# 20

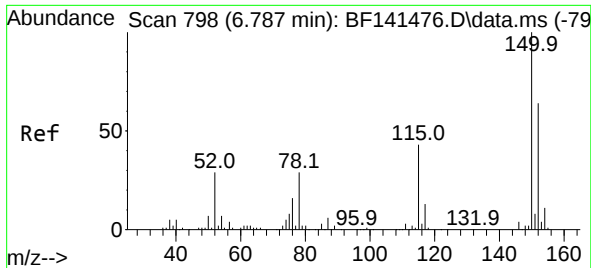
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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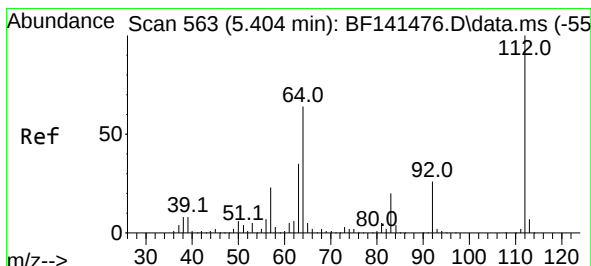
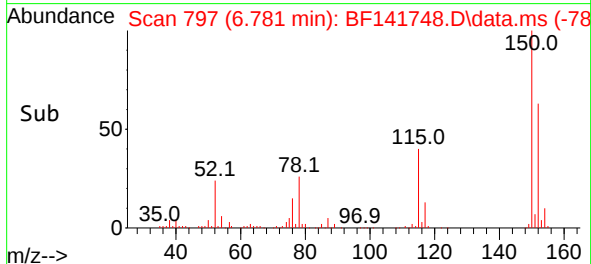
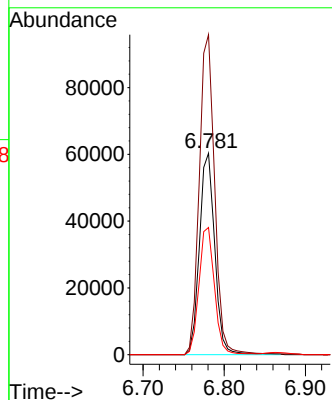
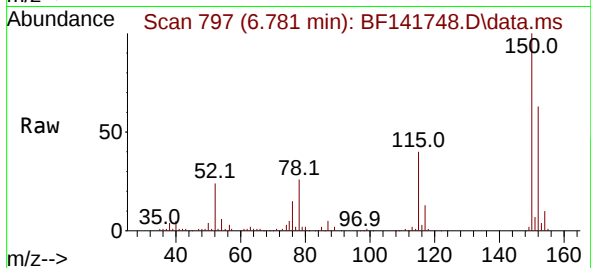




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

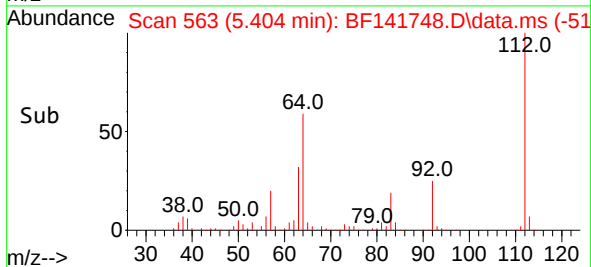
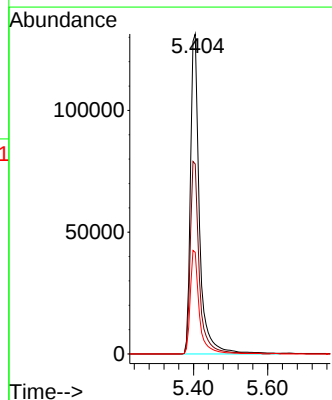
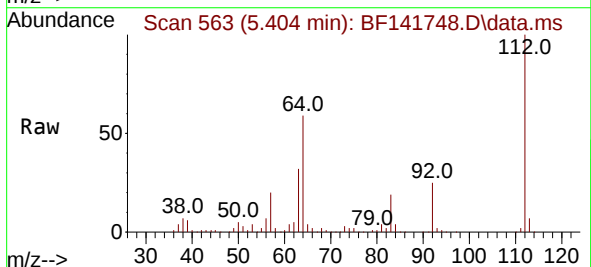
Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

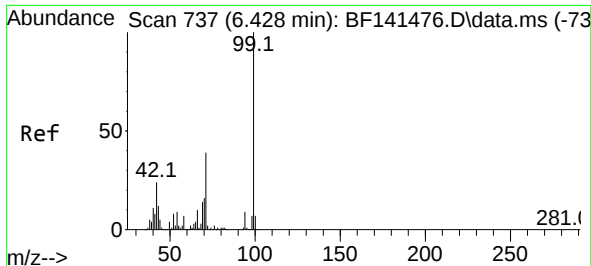
Tgt Ion:152 Resp: 79407
Ion Ratio Lower Upper
152 100
150 158.8 125.0 187.4
115 63.2 53.6 80.4



#5
2-Fluorophenol
Concen: 44.008 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

Tgt Ion:112 Resp: 222902
Ion Ratio Lower Upper
112 100
64 59.3 51.1 76.7
63 31.8 28.4 42.6

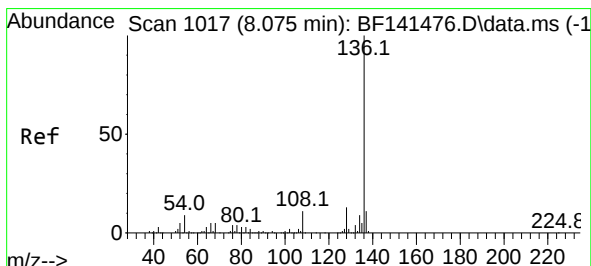
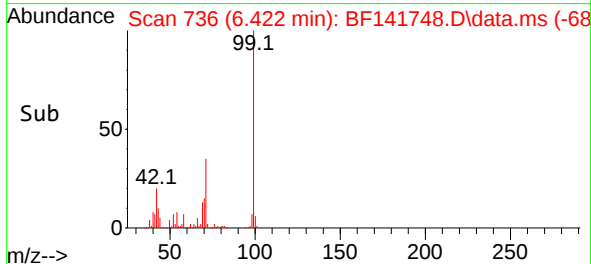
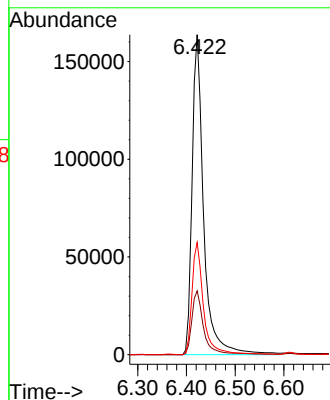
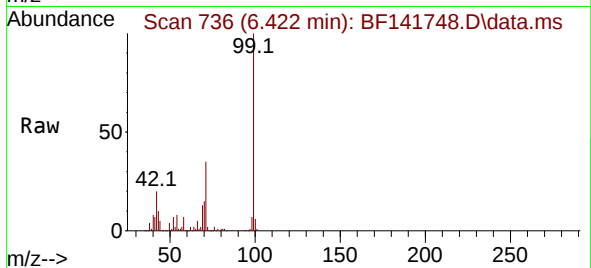




#7
Phenol-d6
Concen: 42.274 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

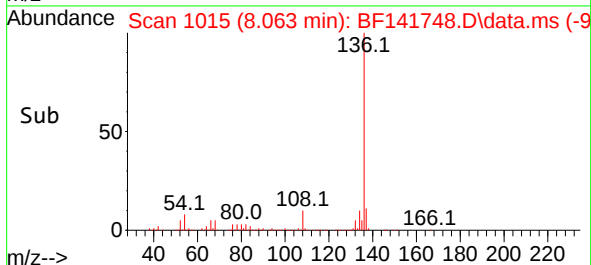
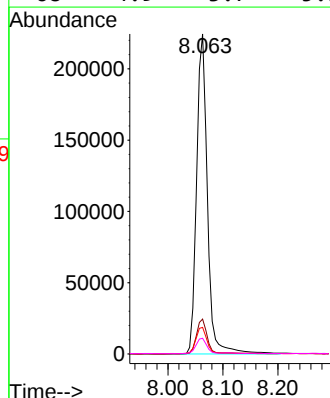
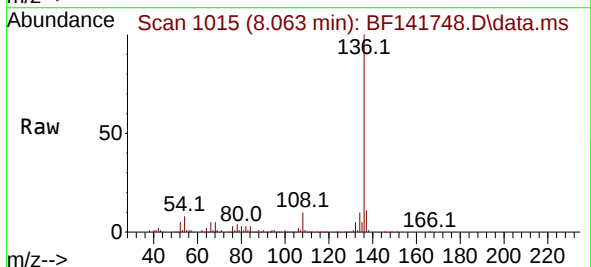
Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

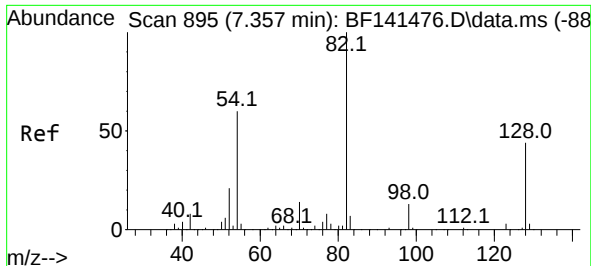
Tgt Ion: 99 Resp: 270631
Ion Ratio Lower Upper
99 100
42 19.9 19.1 28.7
71 35.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

Tgt Ion: 136 Resp: 307471
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.2 10.8
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 28.659 ng

RT: 7.339 min Scan# 892

Delta R.T. -0.023 min

Lab File: BF141748.D

Acq: 24 Feb 2025 17:08

Instrument :

BNA_F

ClientSampleId :

HR-02-02212025

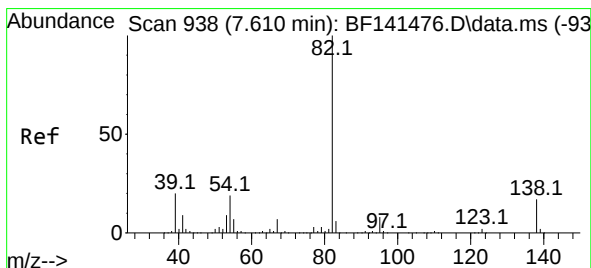
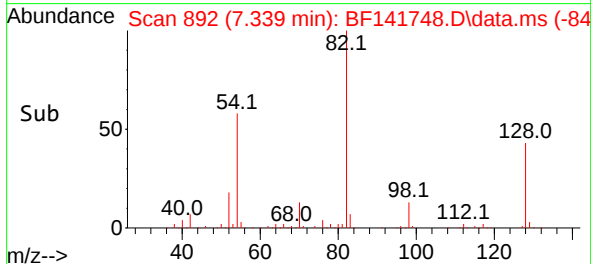
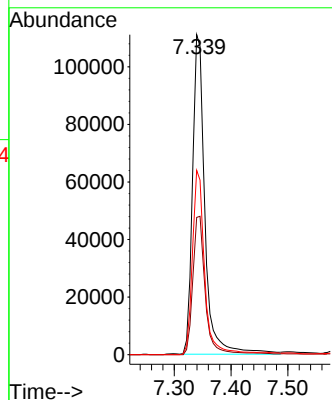
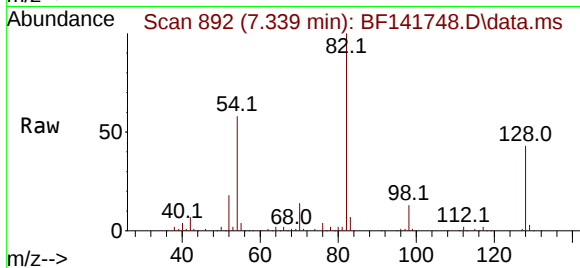
Tgt Ion: 82 Resp: 168945

Ion Ratio Lower Upper

82 100

128 42.9 34.8 52.2

54 57.6 48.2 72.4



#25

Isophorone

Concen: 17.082 ng

RT: 7.339 min Scan# 892

Delta R.T. -0.282 min

Lab File: BF141748.D

Acq: 24 Feb 2025 17:08

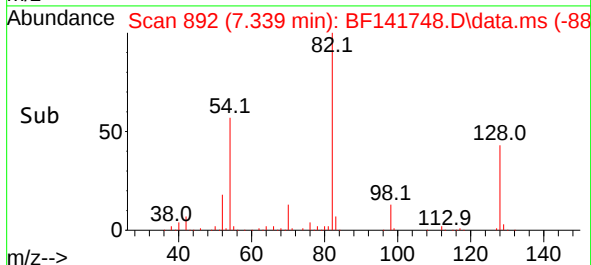
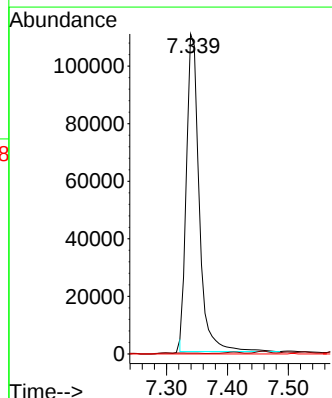
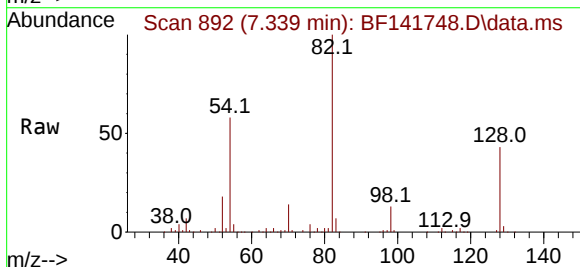
Tgt Ion: 82 Resp: 160558

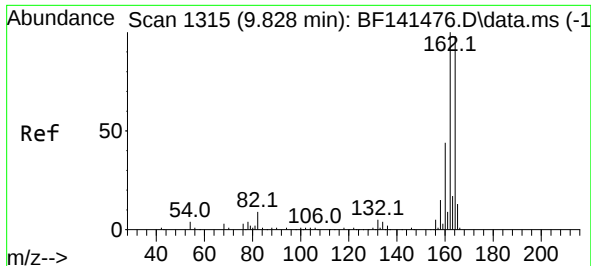
Ion Ratio Lower Upper

82 100

95 0.2 6.4 9.6#

138 0.0 13.9 20.9#

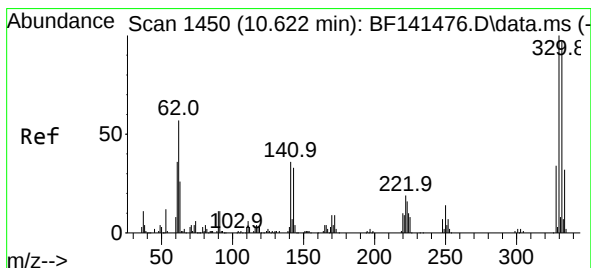
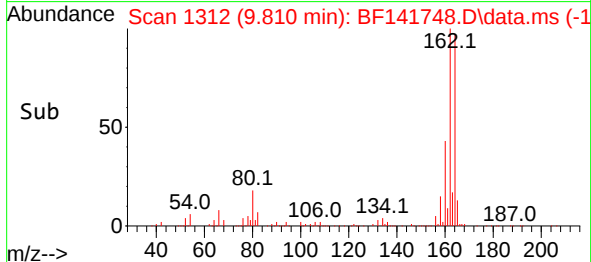
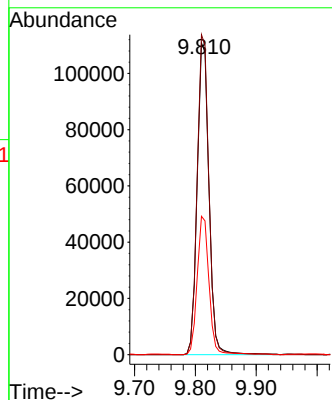
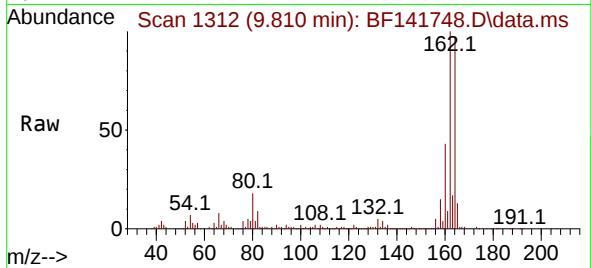




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

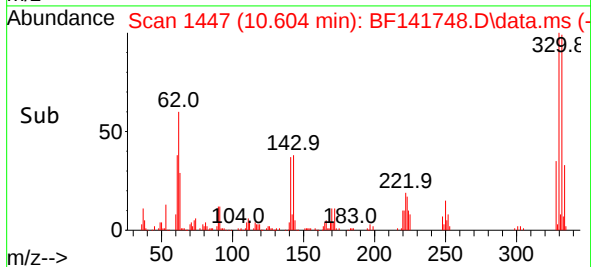
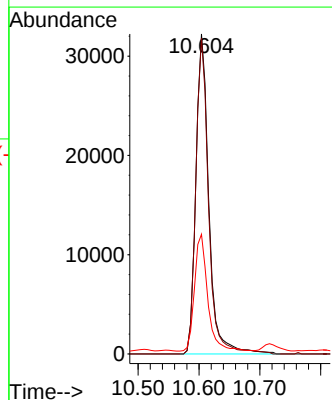
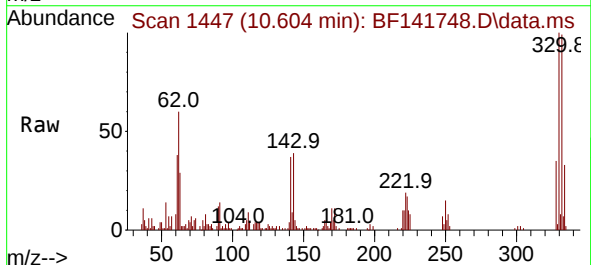
Instrument :
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ClientSampleId :
HR-02-02212025

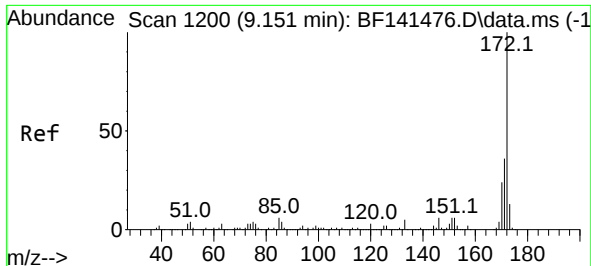
Tgt Ion:164 Resp: 149580
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 44.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 31.770 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

Tgt Ion:330 Resp: 47737
Ion Ratio Lower Upper
330 100
332 96.9 78.5 117.7
141 37.2 31.0 46.4

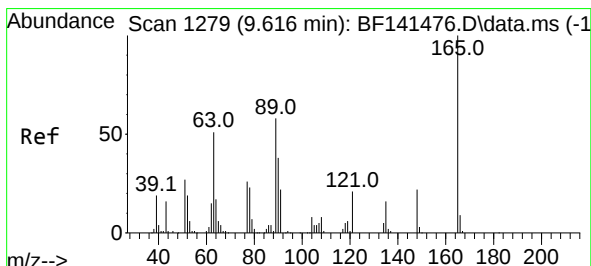
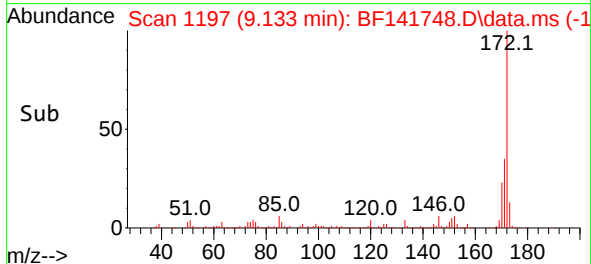
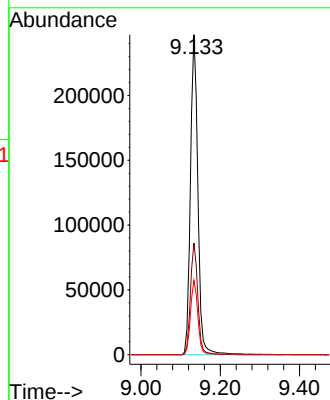
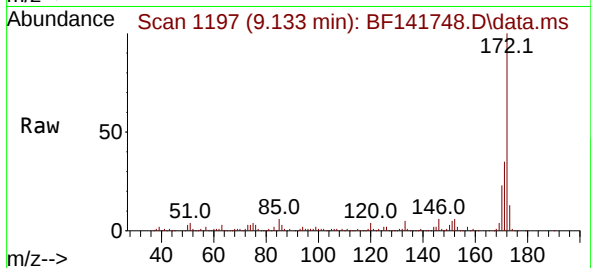




#45
2-Fluorobiphenyl
Concen: 33.256 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

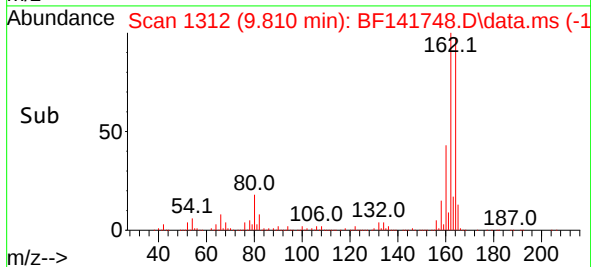
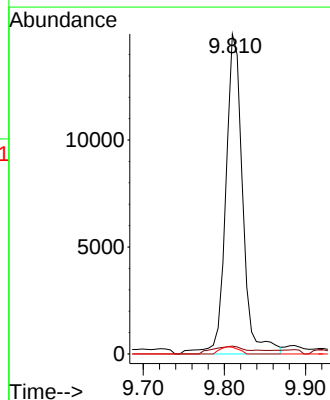
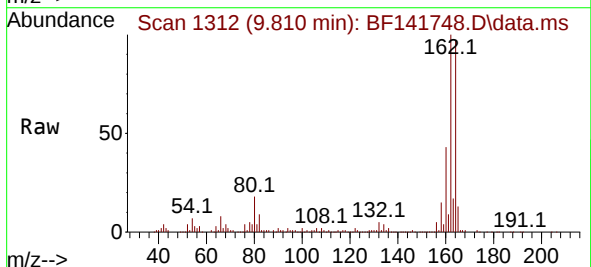
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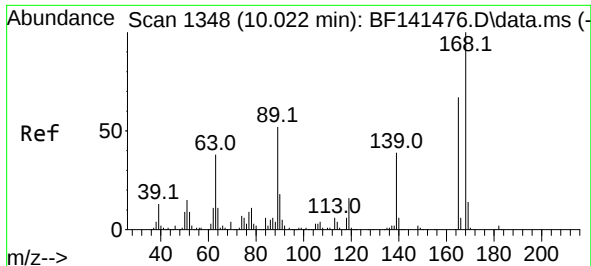
Tgt Ion:172 Resp: 322877
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.776 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.188 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

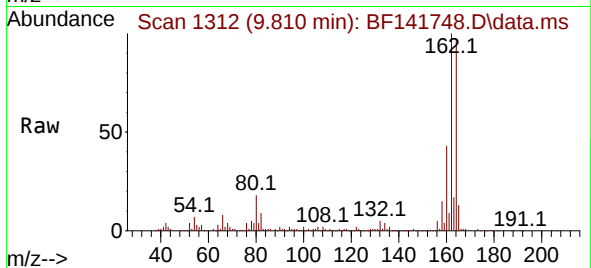
Tgt Ion:165 Resp: 21701
Ion Ratio Lower Upper
165 100
63 2.5 49.4 74.0#
89 2.1 46.5 69.7#



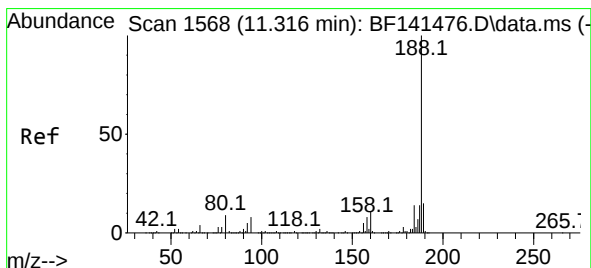
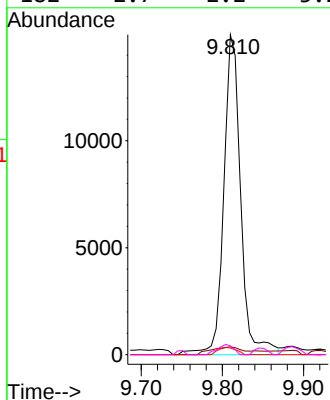
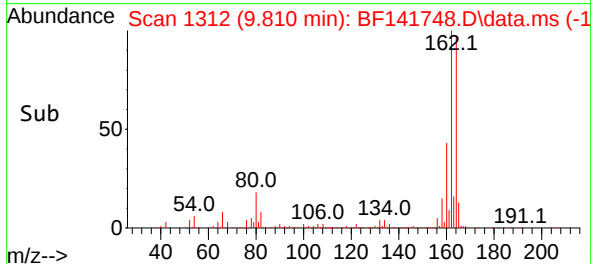


#57
2,4-Dinitrotoluene
Concen: 7.343 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

Instrument :
BNA_F
ClientSampleId :
HR-02-02212025

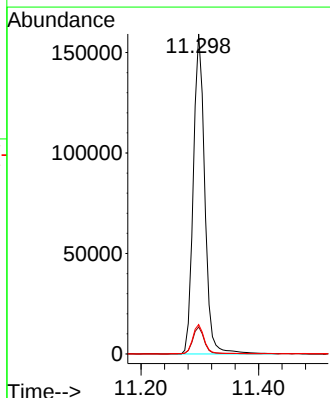
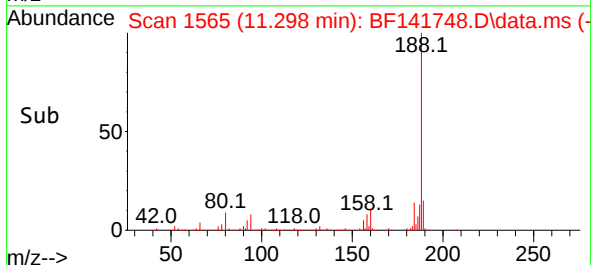
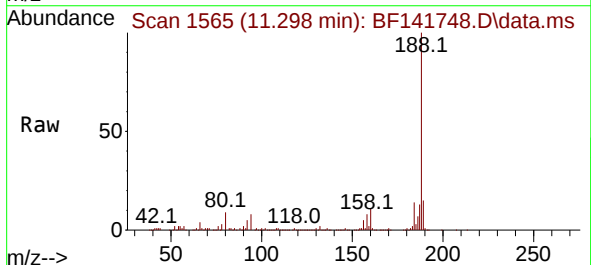


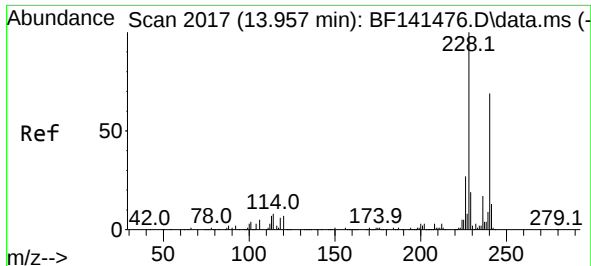
Tgt Ion:165 Resp: 21701
Ion Ratio Lower Upper
165 100
63 2.5 46.4 69.6#
89 2.1 61.8 92.6#
182 2.7 2.2 3.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

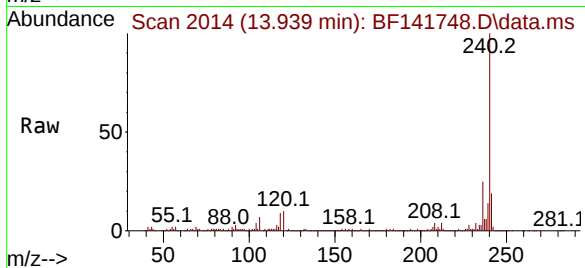
Tgt Ion:188 Resp: 214891
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.2 7.3 10.9



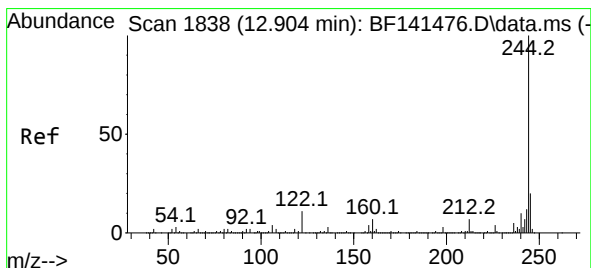
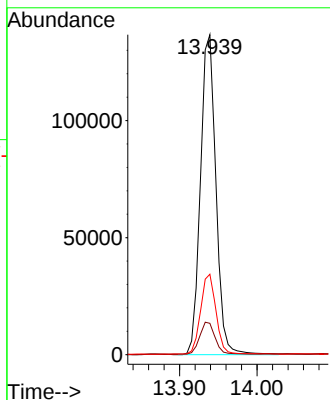
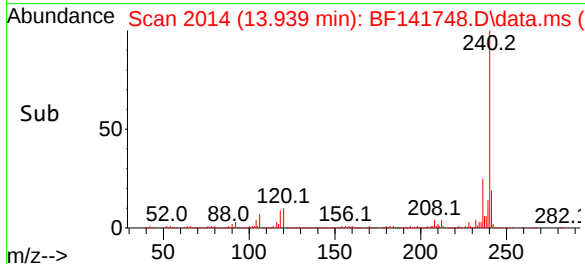


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2017
Delta R.T. -0.023 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08

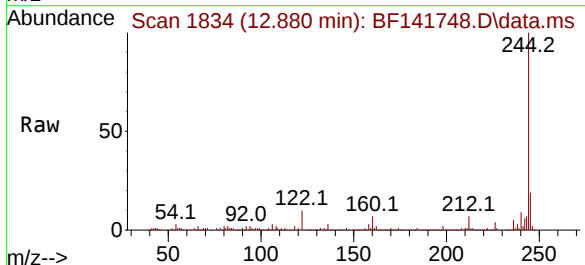
Instrument :
BNA_F
ClientSampleId :
HR-02-02212025



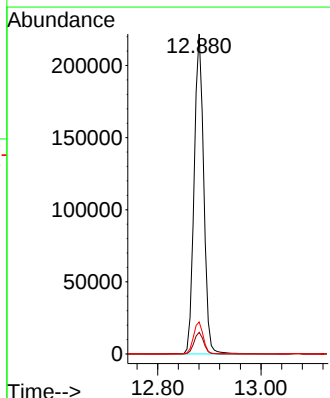
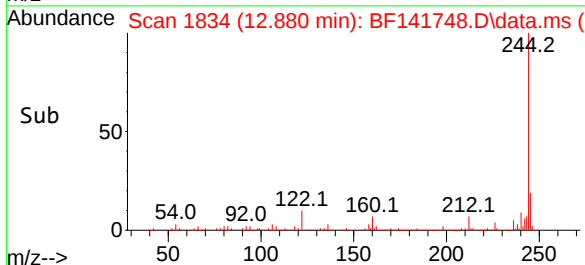
Tgt Ion:240 Resp: 189757
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 25.1 19.8 29.8

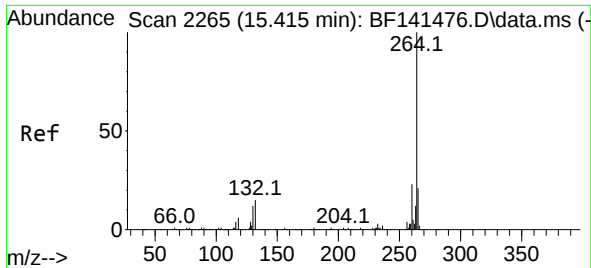


#79
Terphenyl-d14
Concen: 25.327 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141748.D
Acq: 24 Feb 2025 17:08



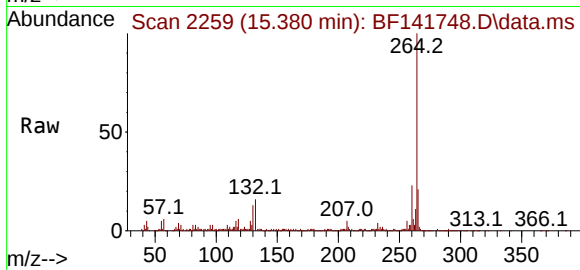
Tgt Ion:244 Resp: 284690
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.0 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF141748.D
 Acq: 24 Feb 2025 17:08

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-02212025



Tgt Ion:264 Resp: 174469
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.3 17.0 25.4

