

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141626.D
 Acq On : 13 Feb 2025 20:20
 Operator : RC/JU
 Sample : Q1354-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-021125

Quant Time: Feb 14 00:39:01 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)

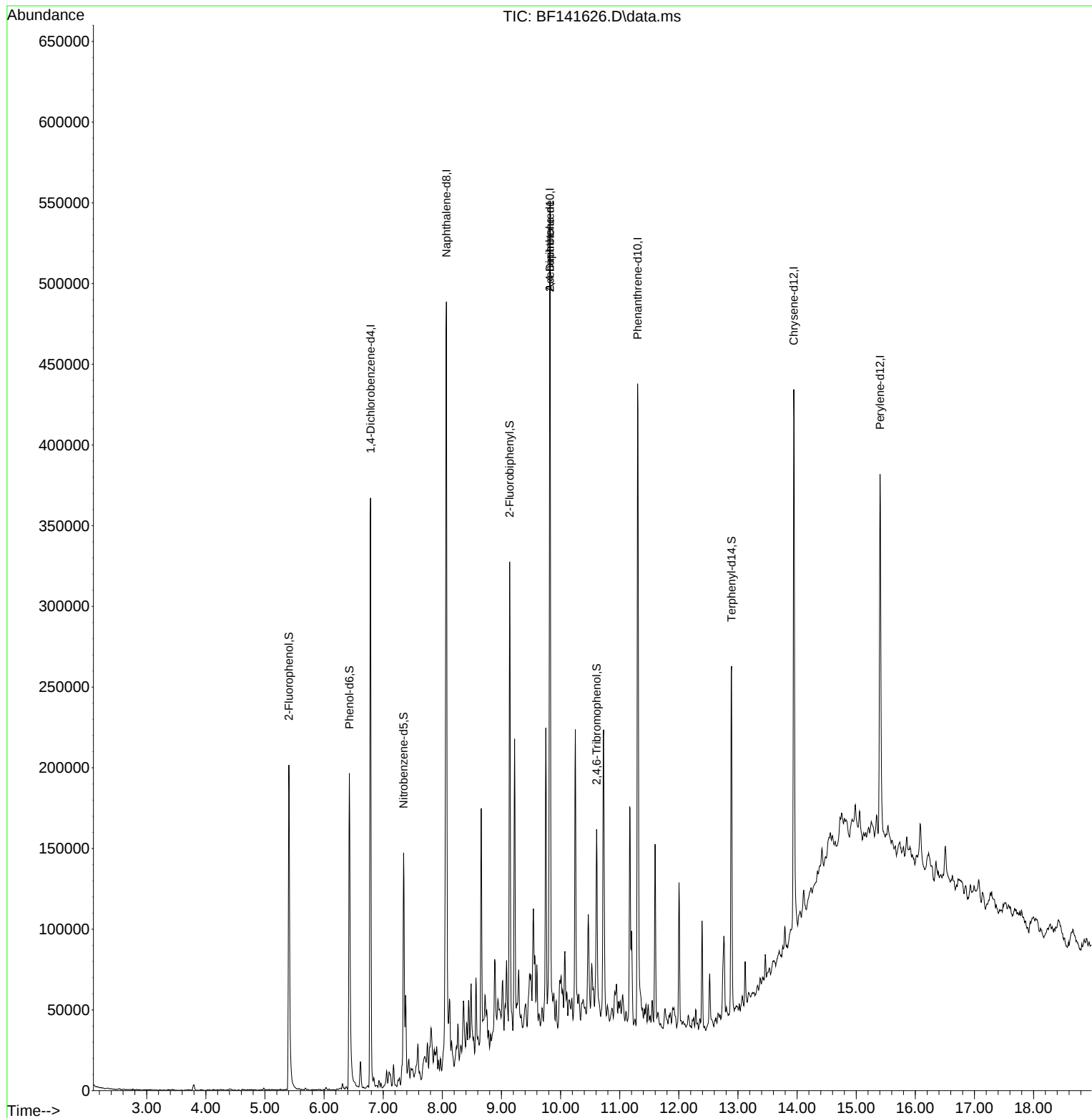
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	78555	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	305314	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	152076	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	219704	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	165279	20.000	ng	-0.02
86) Perylene-d12	15.404	264	136181	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	90961	18.153	ng	0.00
7) Phenol-d6	6.428	99	111555	17.615	ng	-0.01
23) Nitrobenzene-d5	7.345	82	68467	11.697	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	20221	13.236	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	133887	13.564	ng	-0.01
79) Terphenyl-d14	12.892	244	107465	10.977	ng	-0.01
Target Compounds						
57) 2,4-Dinitrotoluene	9.822	165	21930	7.299	ng	Qvalue # 19

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

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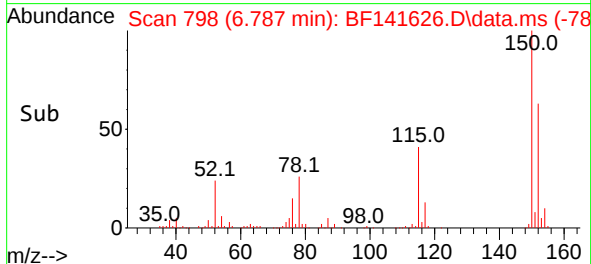
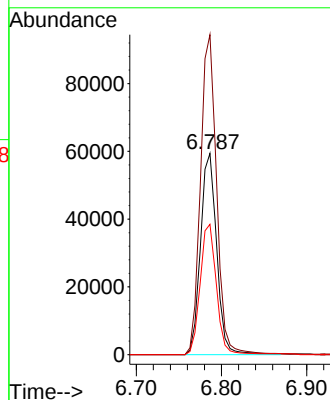
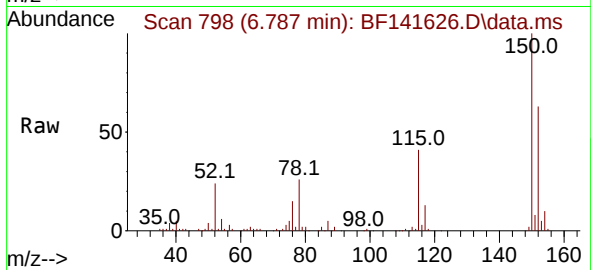




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141626.D
Acq: 13 Feb 2025 20:20

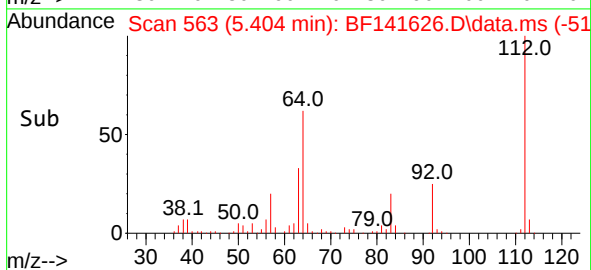
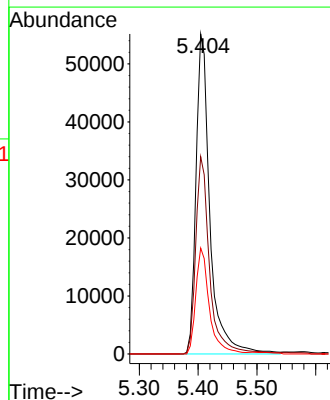
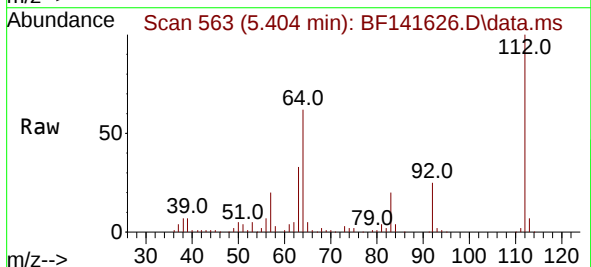
Instrument :
BNA_F
ClientSampleId :
NB-08-021125

Tgt Ion:152 Resp: 78555
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.4
115 64.8 53.6 80.4



#5
2-Fluorophenol
Concen: 18.153 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141626.D
Acq: 13 Feb 2025 20:20

Tgt Ion:112 Resp: 90961
Ion Ratio Lower Upper
112 100
64 61.6 51.1 76.7
63 33.1 28.4 42.6





#7
Phenol-d6
Concen: 17.615 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141626.D
Acq: 13 Feb 2025 20:20

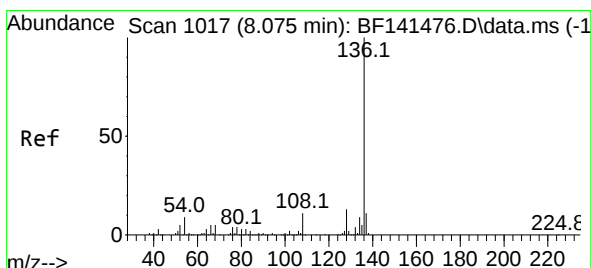
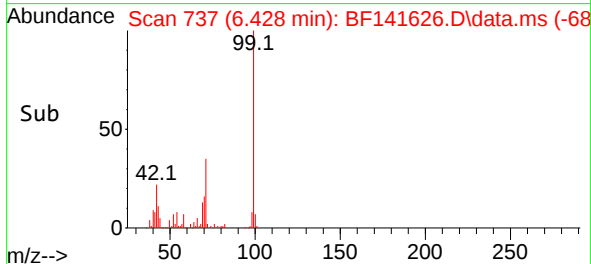
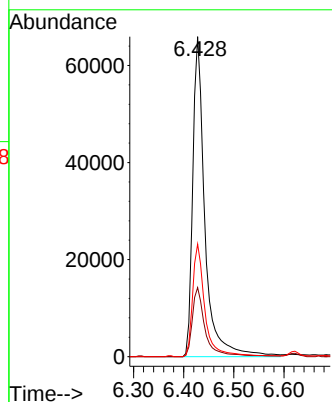
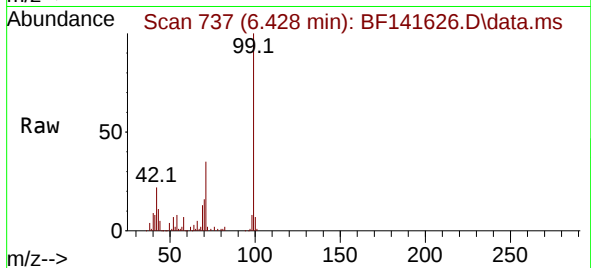
Instrument :

BNA_F

ClientSampleId :

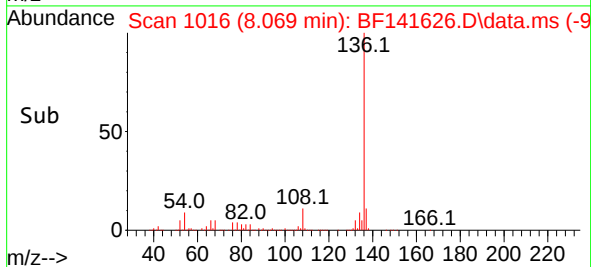
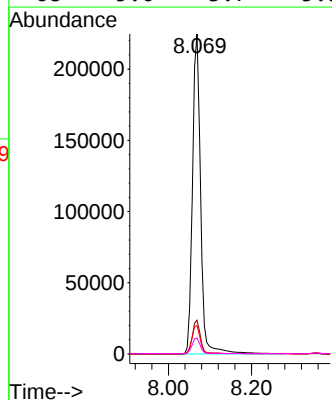
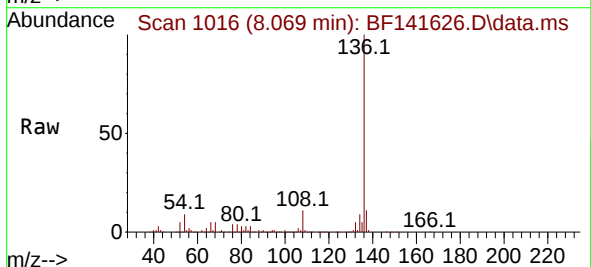
NB-08-021125

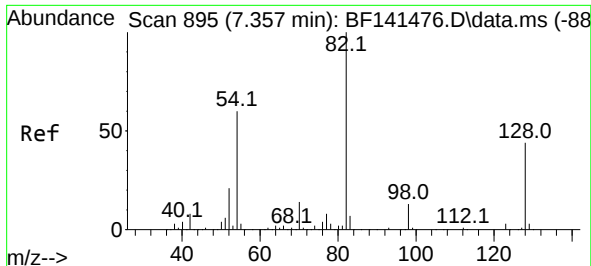
Tgt Ion: 99 Resp: 111555
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 35.2 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141626.D
Acq: 13 Feb 2025 20:20

Tgt Ion: 136 Resp: 305314
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.8 7.2 10.8
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 11.697 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141626.D

Acq: 13 Feb 2025 20:20

Instrument :

BNA_F

ClientSampleId :

NB-08-021125

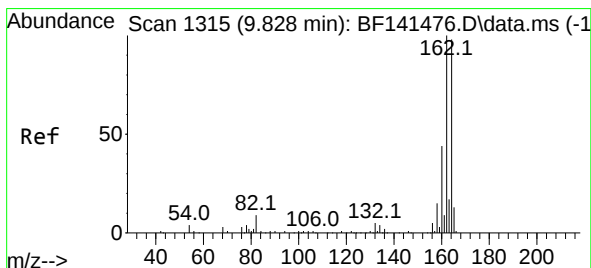
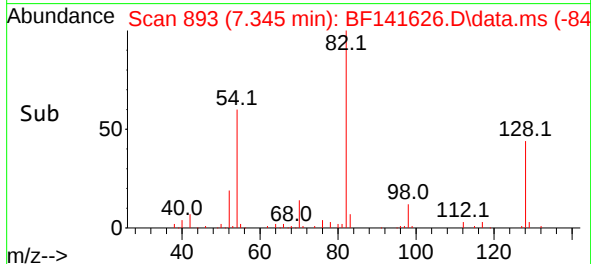
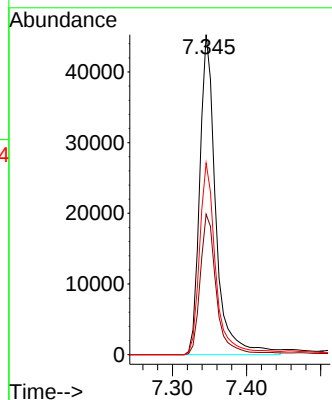
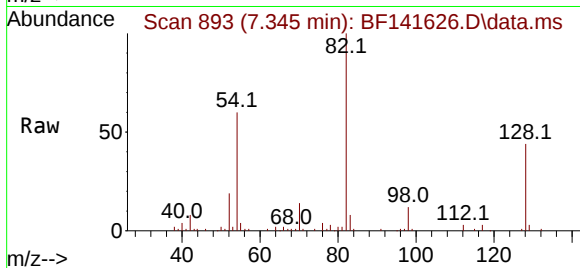
Tgt Ion: 82 Resp: 68467

Ion Ratio Lower Upper

82 100

128 43.9 34.8 52.2

54 59.9 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141626.D

Acq: 13 Feb 2025 20:20

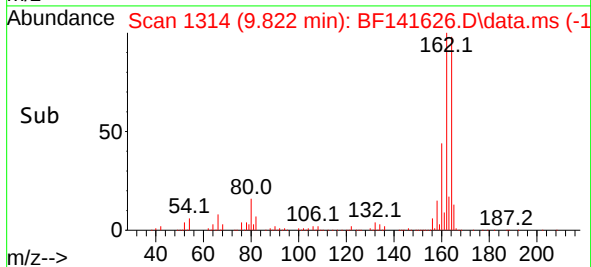
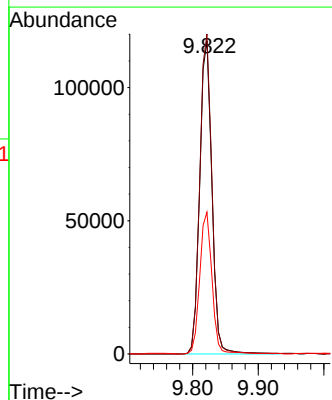
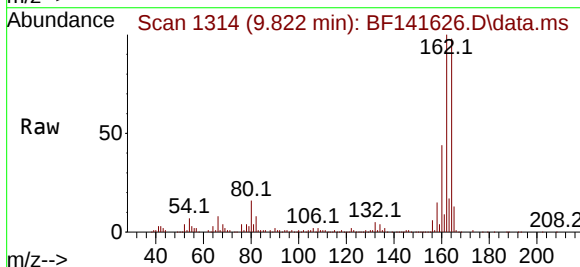
Tgt Ion:164 Resp: 152076

Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

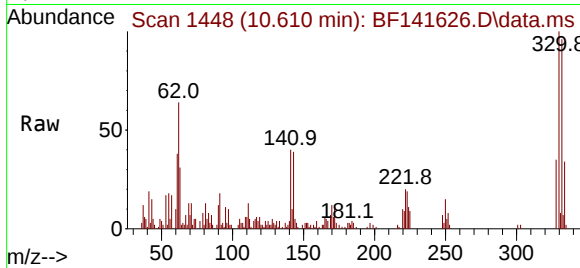
160 45.3 35.9 53.9



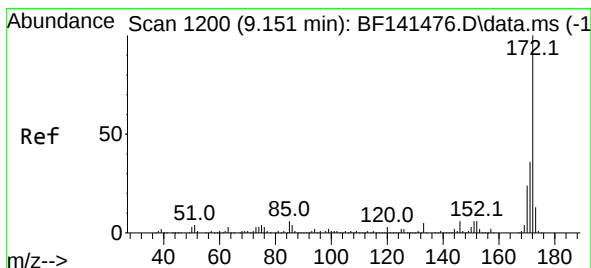
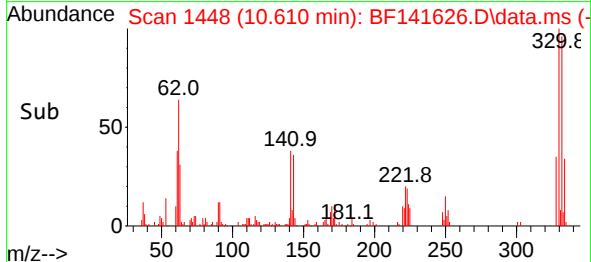
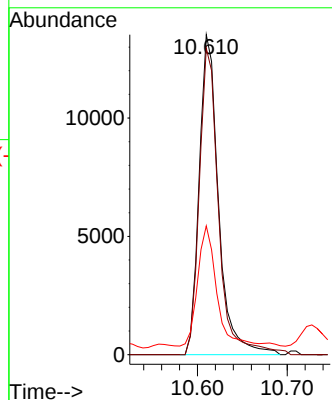


#42
 2,4,6-Tribromophenol
 Concen: 13.236 ng
 RT: 10.610 min Scan# 1448
 Delta R.T. -0.018 min
 Lab File: BF141626.D
 Acq: 13 Feb 2025 20:20

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-021125

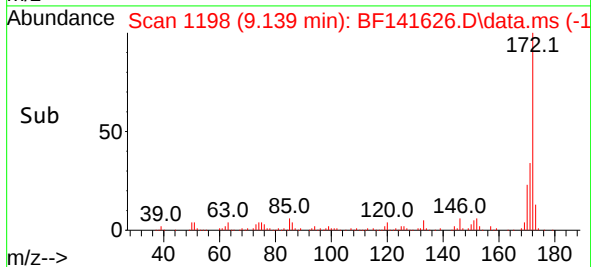
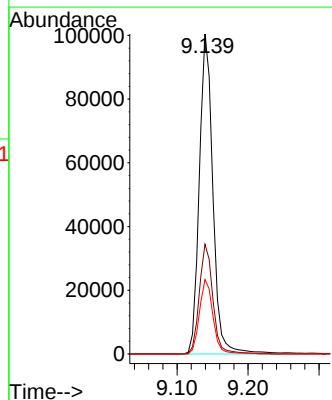
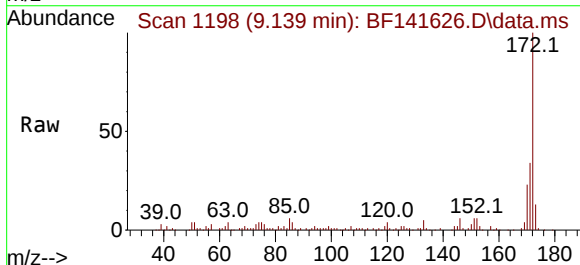


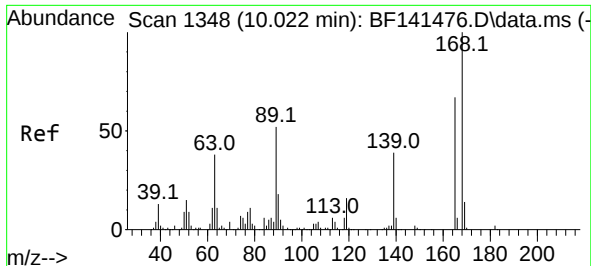
Tgt Ion:330 Resp: 20221
 Ion Ratio Lower Upper
 330 100
 332 95.8 78.5 117.7
 141 36.4 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 13.564 ng
 RT: 9.139 min Scan# 1198
 Delta R.T. -0.012 min
 Lab File: BF141626.D
 Acq: 13 Feb 2025 20:20

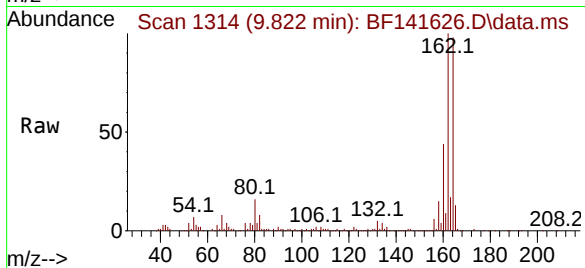
Tgt Ion:172 Resp: 133887
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.7 43.1
 170 23.2 18.9 28.3



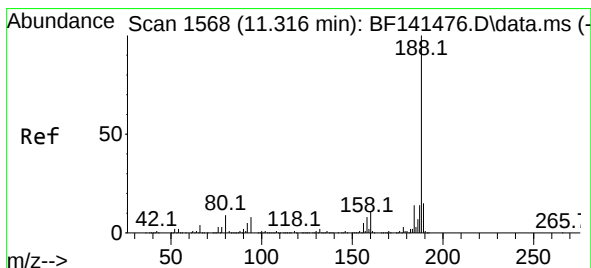
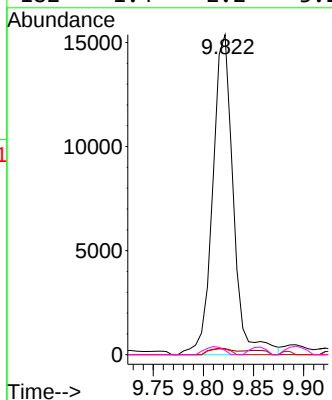
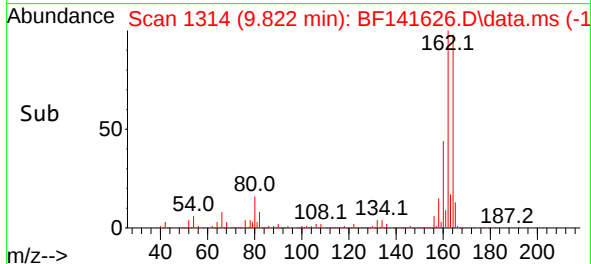


#57
2,4-Dinitrotoluene
Concen: 7.299 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141626.D
Acq: 13 Feb 2025 20:20

Instrument :
BNA_F
ClientSampleId :
NB-08-021125

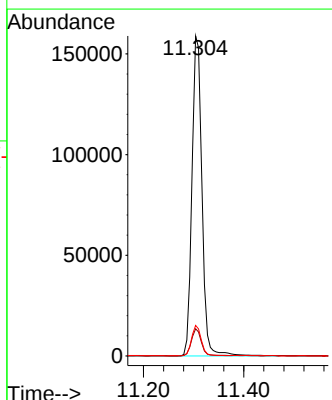
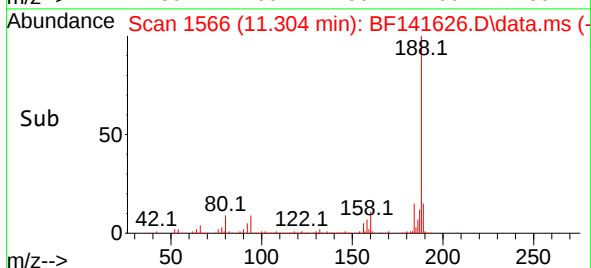
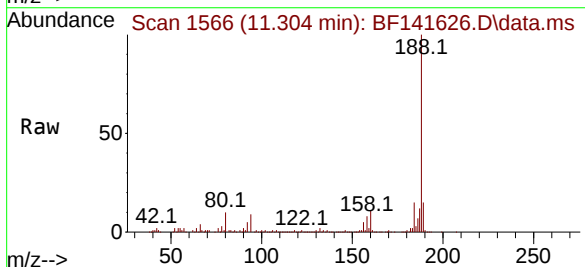


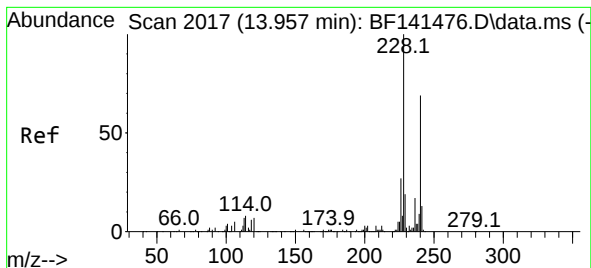
Tgt Ion:165 Resp: 21930
Ion Ratio Lower Upper
165 100
63 1.9 46.4 69.6#
89 1.7 61.8 92.6#
182 1.4 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141626.D
Acq: 13 Feb 2025 20:20

Tgt Ion:188 Resp: 219704
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.6 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141626.D

Acq: 13 Feb 2025 20:20

Instrument :

BNA_F

ClientSampleId :

NB-08-021125

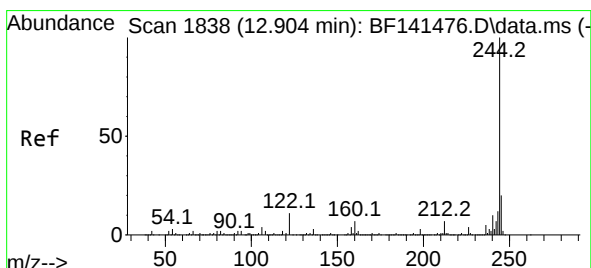
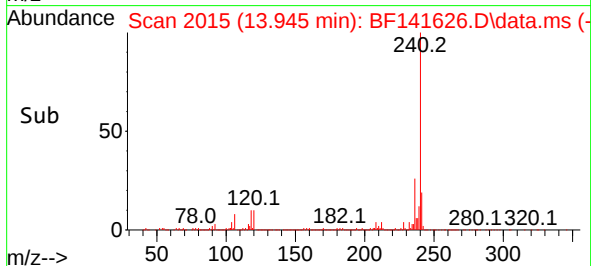
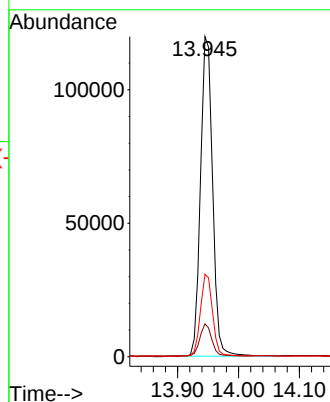
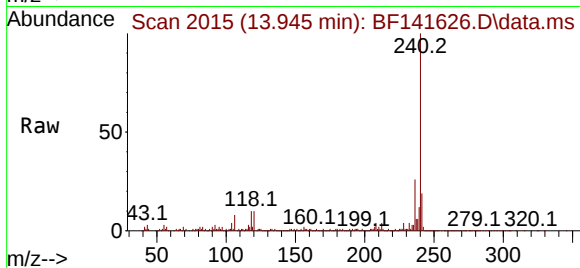
Tgt Ion:240 Resp: 165279

Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 25.7 19.8 29.8



#79

Terphenyl-d14

Concen: 10.977 ng

RT: 12.892 min Scan# 1836

Delta R.T. -0.012 min

Lab File: BF141626.D

Acq: 13 Feb 2025 20:20

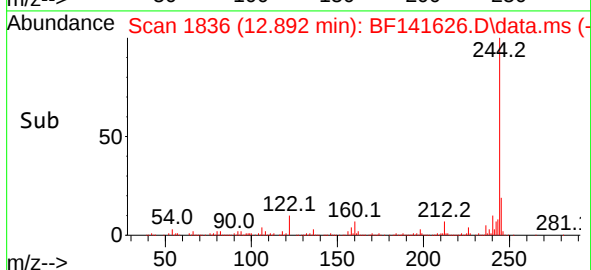
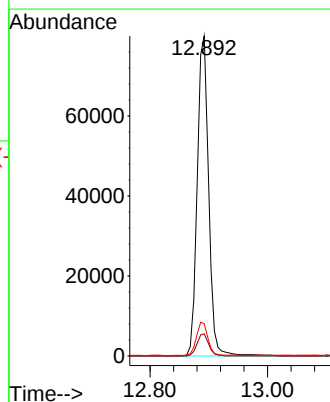
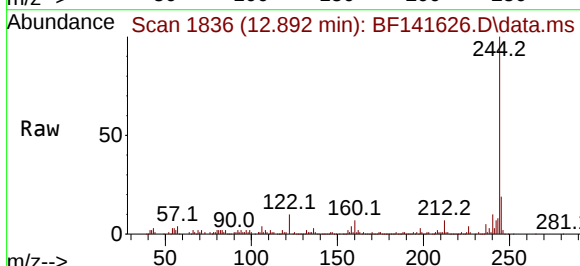
Tgt Ion:244 Resp: 107465

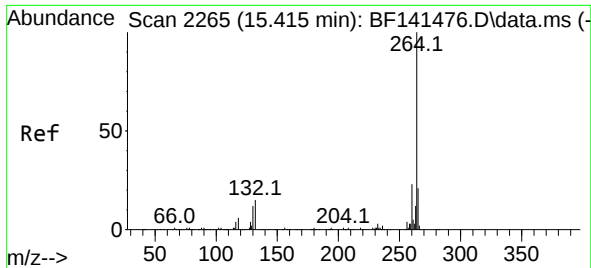
Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

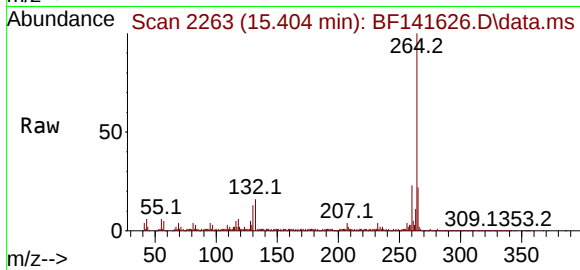
122 10.1 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141626.D
 Acq: 13 Feb 2025 20:20

Instrument :
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 ClientSampleId :
 NB-08-021125



Tgt Ion:264 Resp: 136181
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.6 17.0 25.4

