

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020725\
 Data File : BF141507.D
 Acq On : 07 Feb 2025 15:00
 Operator : RC/JU
 Sample : PB166528TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166528TB

Quant Time: Feb 07 15:31:00 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)

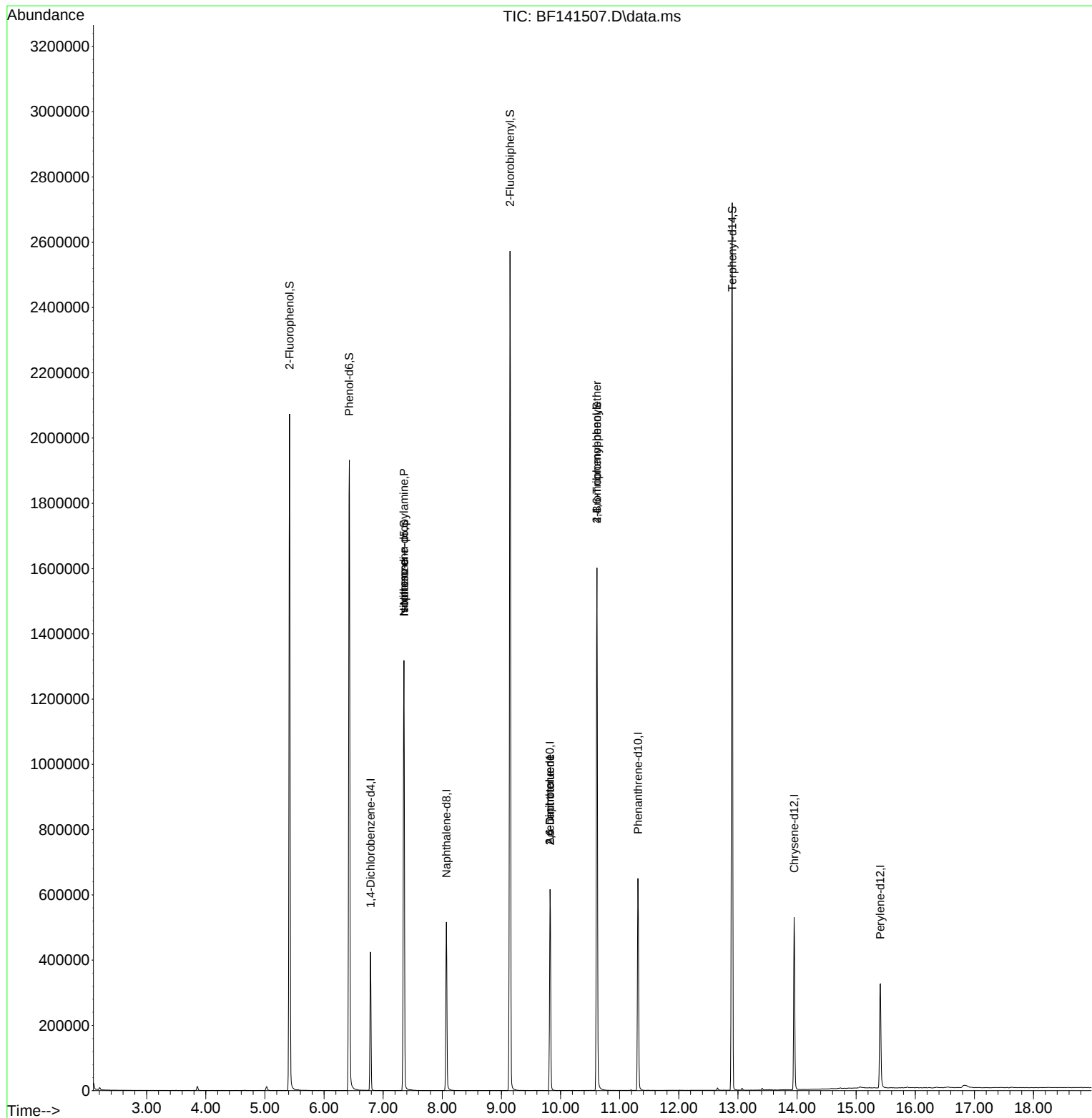
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	84308	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	339908	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	191694	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	345187	20.000	ng	0.00
76) Chrysene-d12	13.951	240	265845	20.000	ng	-0.01
86) Perylene-d12	15.410	264	206141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	735975	136.858	ng	0.00
7) Phenol-d6	6.428	99	912003	134.179	ng	-0.01
23) Nitrobenzene-d5	7.351	82	613362	94.119	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	262650	136.395	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1168703	93.929	ng	0.00
79) Terphenyl-d14	12.904	244	1406360	89.307	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	83616	20.566	ng	# 75
25) Isophorone	7.351	82	596426	57.399	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	24668	8.671	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	24668	6.514	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	18130	4.699	ng	# 1

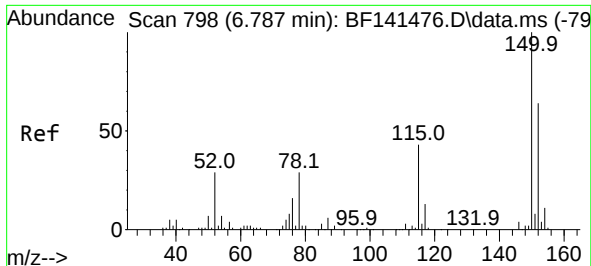
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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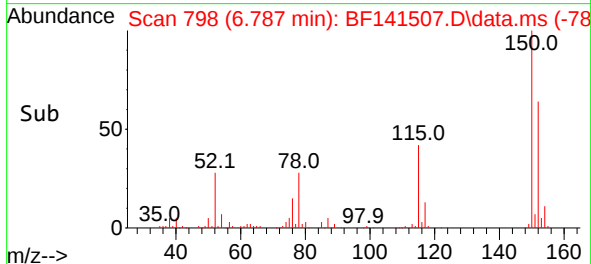
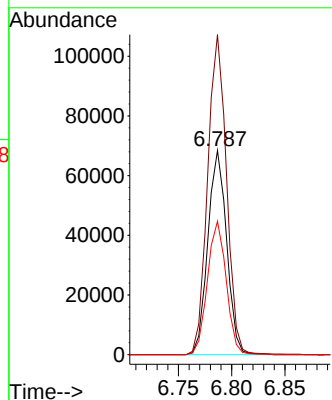
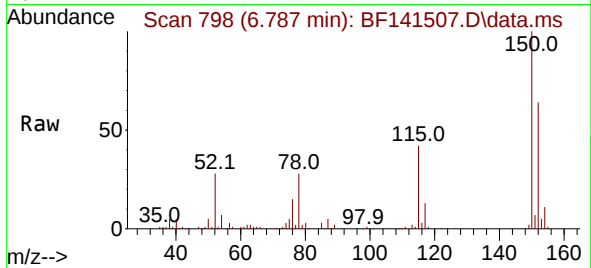




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

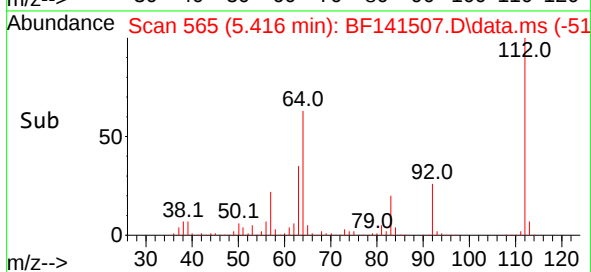
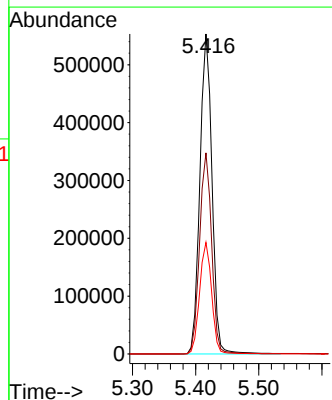
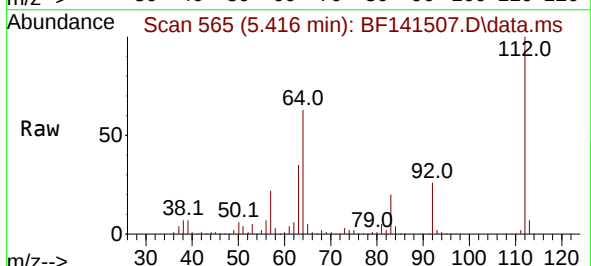
Instrument :
BNA_F
ClientSampleId :
PB166528TB

Tgt Ion:152 Resp: 84308
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.4
115 65.4 53.6 80.4



#5
2-Fluorophenol
Concen: 136.858 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

Tgt Ion:112 Resp: 735975
Ion Ratio Lower Upper
112 100
64 62.9 51.1 76.7
63 34.9 28.4 42.6





#7
Phenol-d6
Concen: 134.179 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

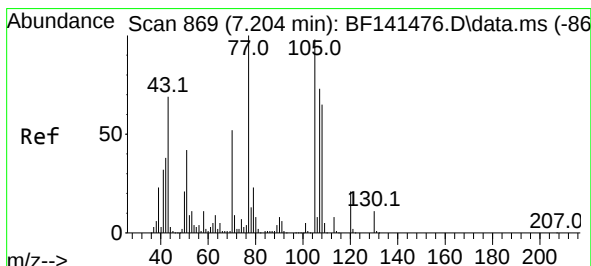
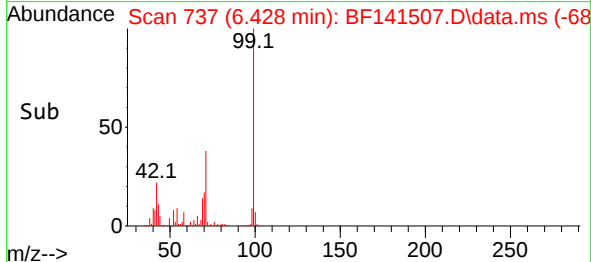
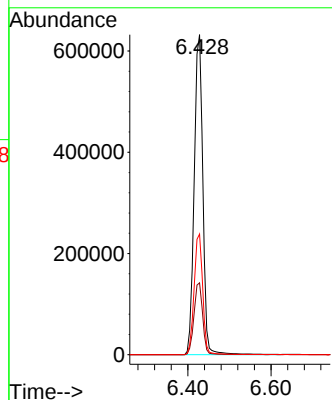
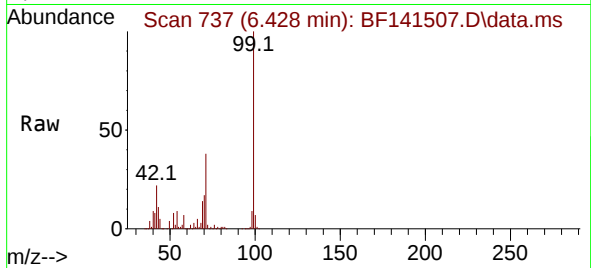
Instrument :

BNA_F

ClientSampleId :

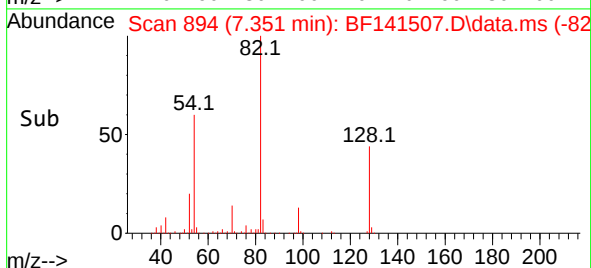
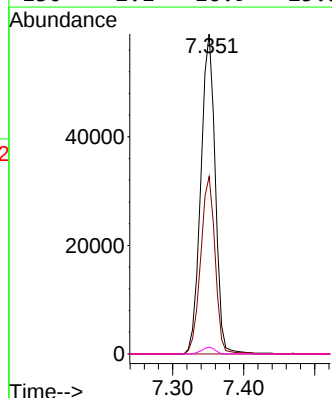
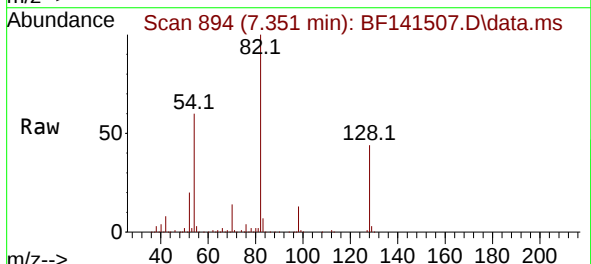
PB166528TB

Tgt Ion: 99 Resp: 912003
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 37.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.566 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

Tgt Ion: 70 Resp: 83616
Ion Ratio Lower Upper
70 100
42 55.5 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

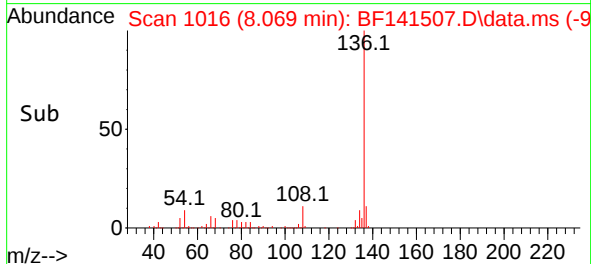
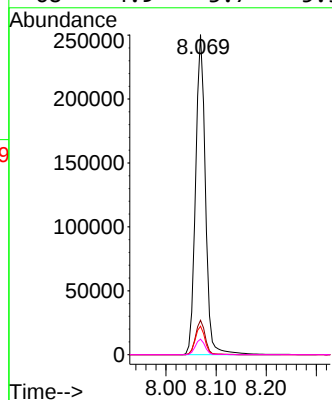
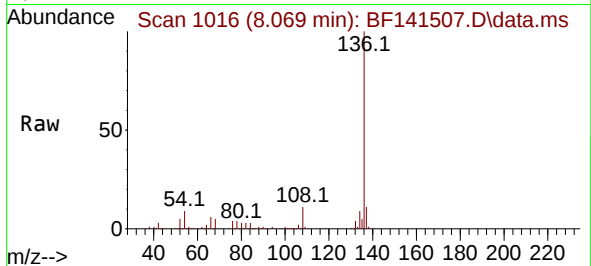




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

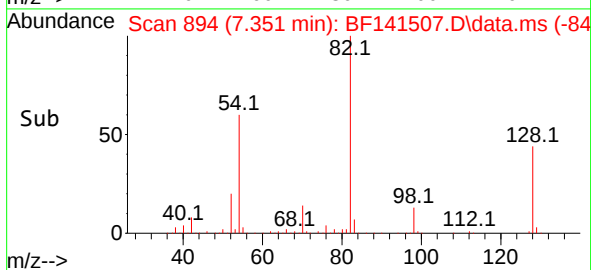
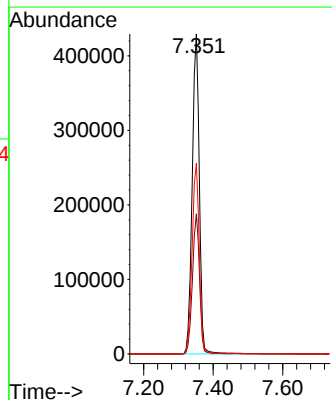
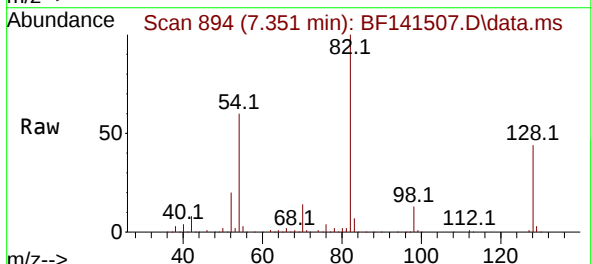
Instrument :
BNA_F
ClientSampleId :
PB166528TB

Tgt Ion:136	Resp: 339908
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.9	7.2 10.8
68 4.9	3.7 5.5



#23
Nitrobenzene-d5
Concen: 94.119 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

Tgt Ion: 82	Resp: 613362
Ion Ratio	Lower Upper
82 100	
128 43.8	34.8 52.2
54 59.6	48.2 72.4

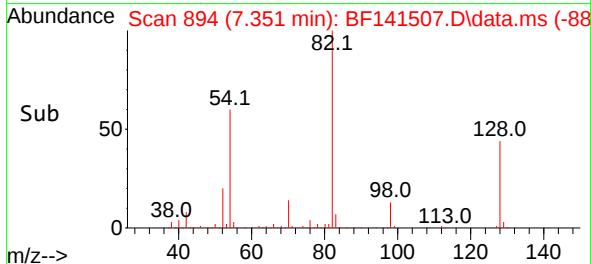
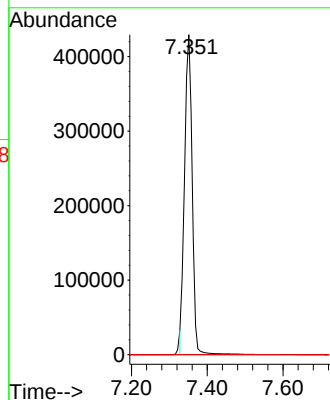
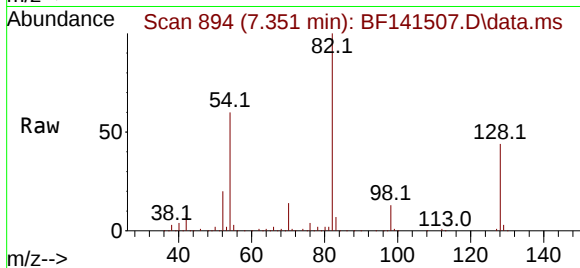




#25
Isophorone
Concen: 57.399 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

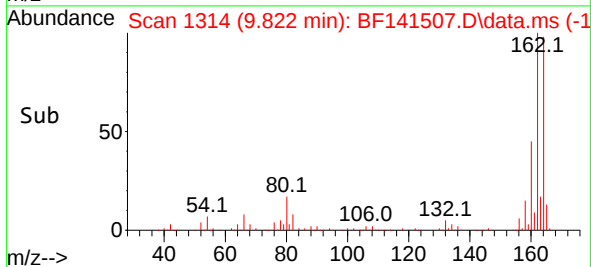
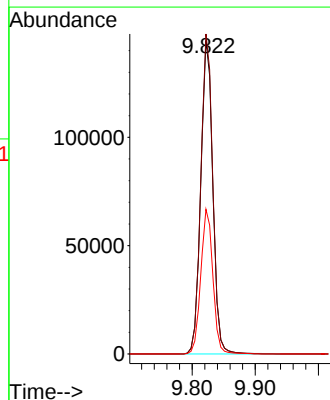
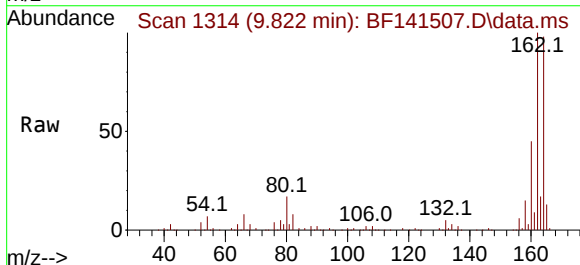
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BNA_F
ClientSampleId :
PB166528TB

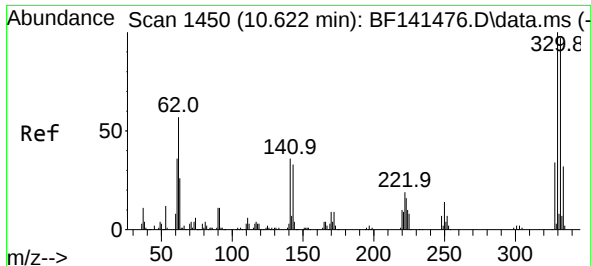
Tgt Ion: 82 Resp: 596426
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

Tgt Ion:164 Resp: 191694
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 46.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 136.395 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141507.D

Acq: 07 Feb 2025 15:00

Instrument :

BNA_F

ClientSampleId :

PB166528TB

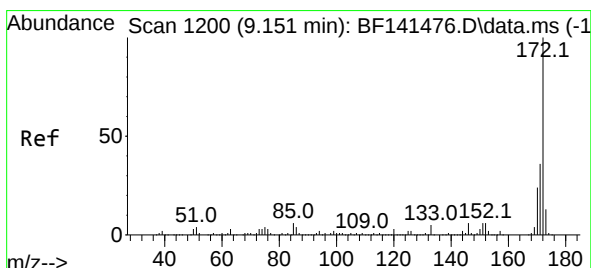
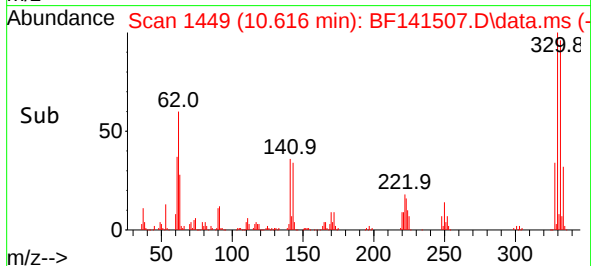
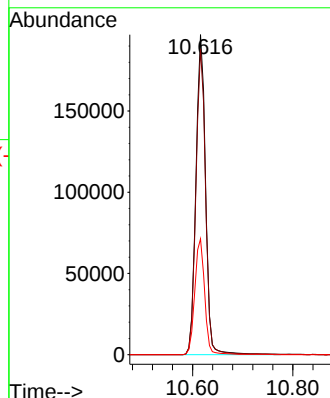
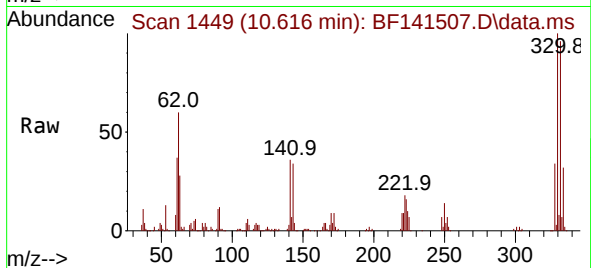
Tgt Ion:330 Resp: 262650

Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

141 37.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.929 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141507.D

Acq: 07 Feb 2025 15:00

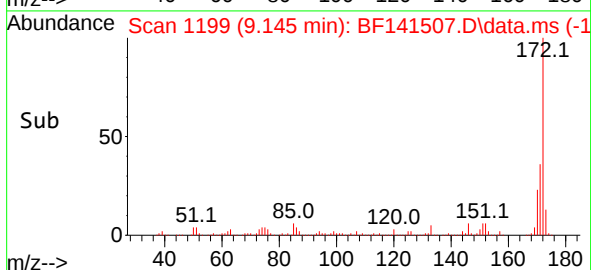
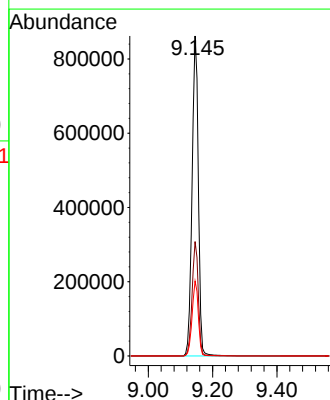
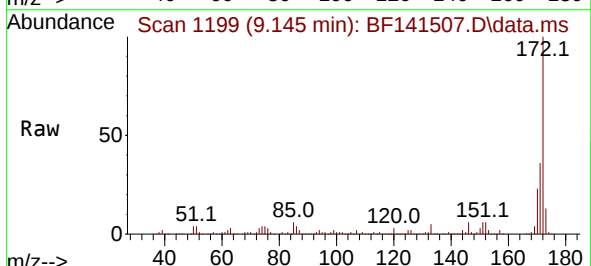
Tgt Ion:172 Resp: 1168703

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.4 18.9 28.3

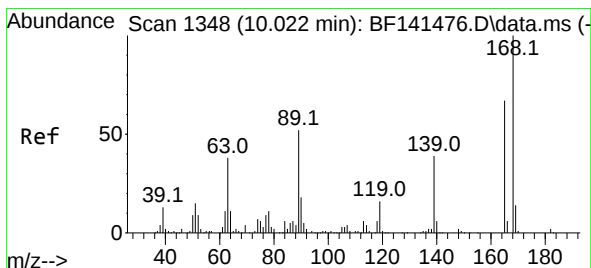
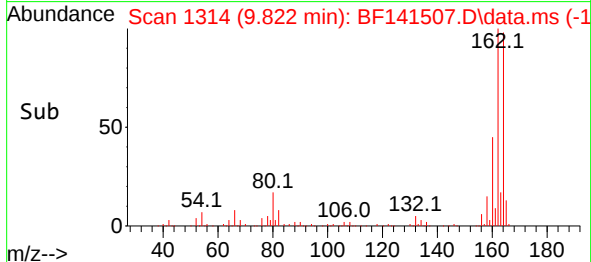
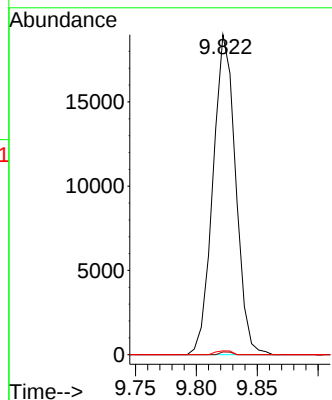
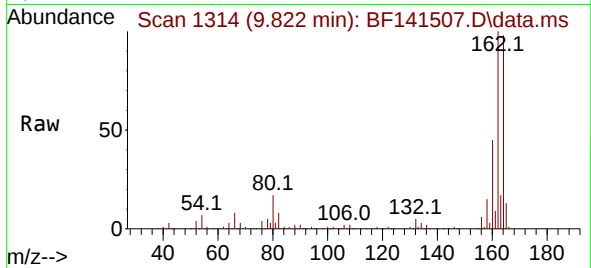




#51
2,6-Dinitrotoluene
Concen: 8.671 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

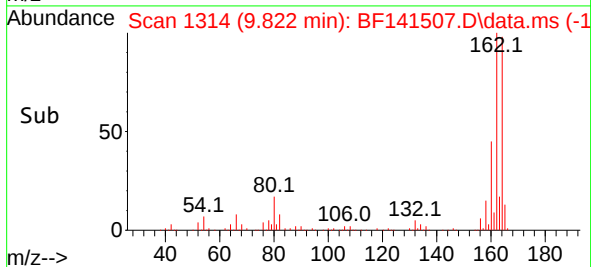
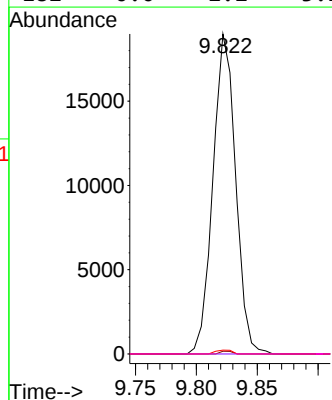
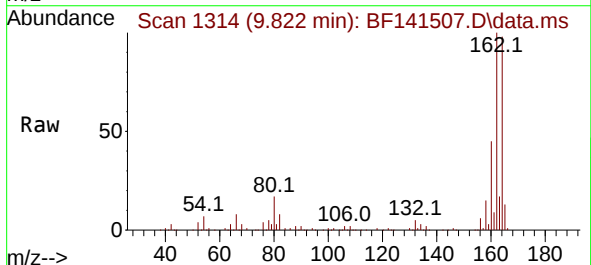
Instrument :
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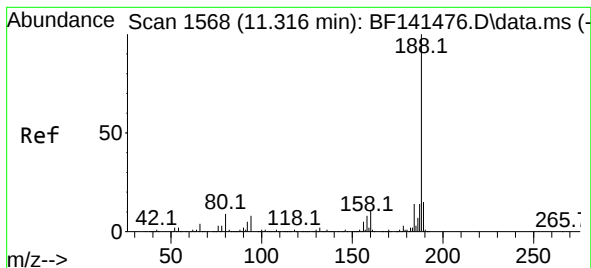
Tgt Ion:165 Resp: 24668
Ion Ratio Lower Upper
165 100
63 0.8 49.4 74.0#
89 1.2 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

Tgt Ion:165 Resp: 24668
Ion Ratio Lower Upper
165 100
63 0.8 46.4 69.6#
89 1.2 61.8 92.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141507.D

Acq: 07 Feb 2025 15:00

Instrument :

BNA_F

ClientSampleId :

PB166528TB

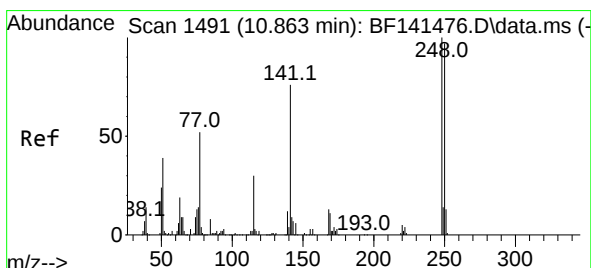
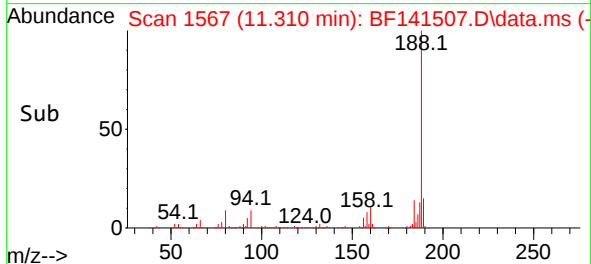
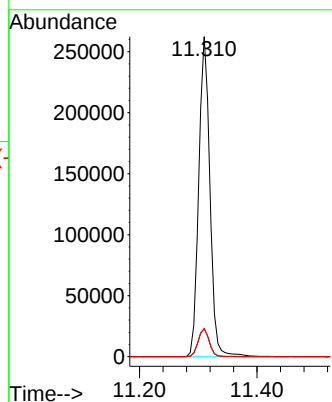
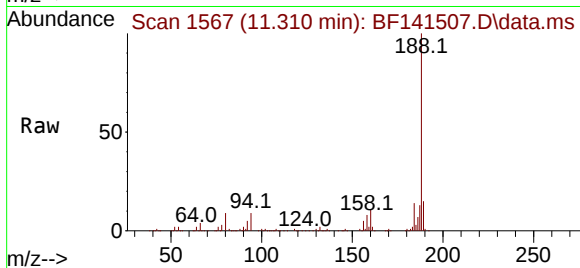
Tgt Ion:188 Resp: 345187

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 8.8 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.699 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF141507.D

Acq: 07 Feb 2025 15:00

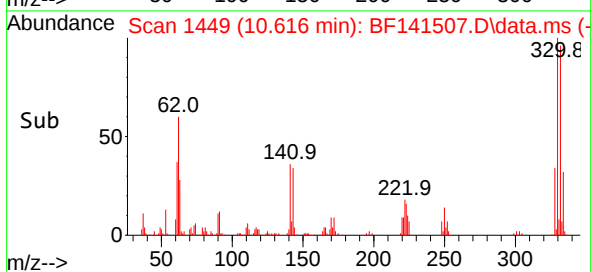
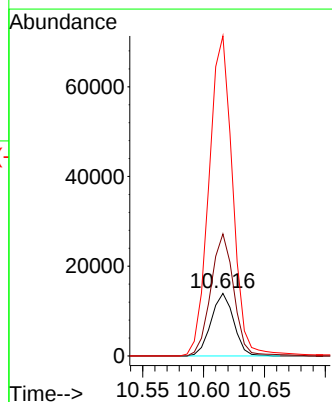
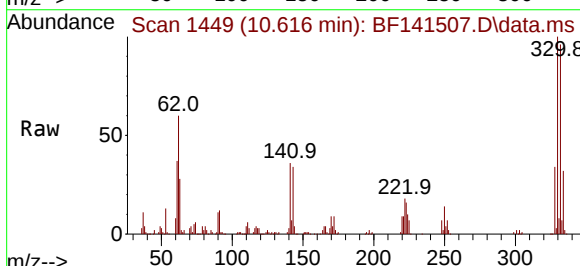
Tgt Ion:248 Resp: 18130

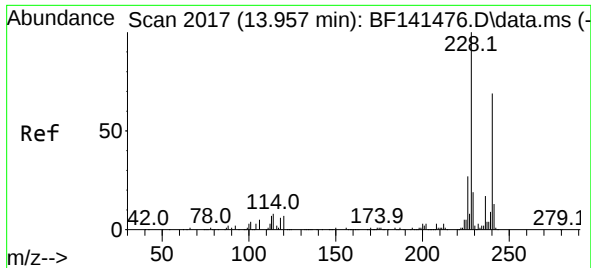
Ion Ratio Lower Upper

248 100

250 195.0 77.8 116.6#

141 511.2 60.6 90.8#

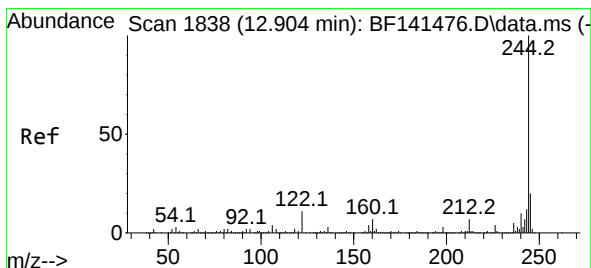
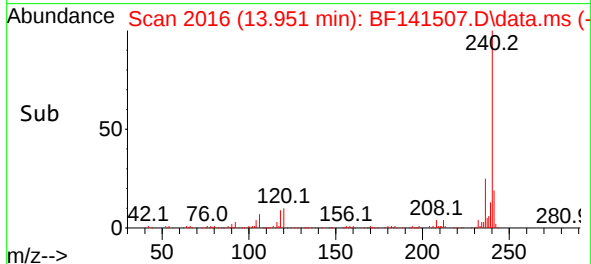
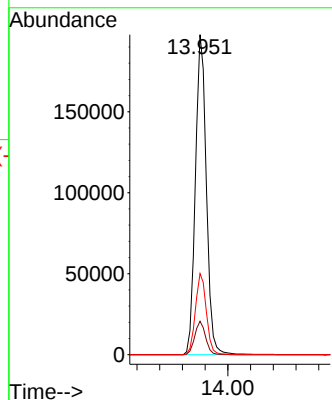
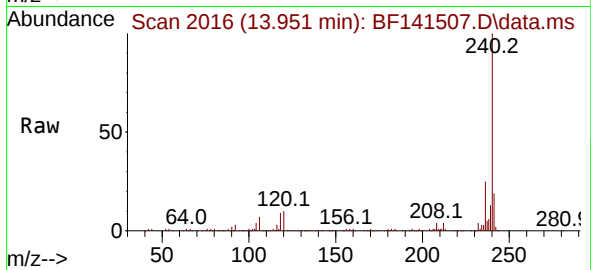




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

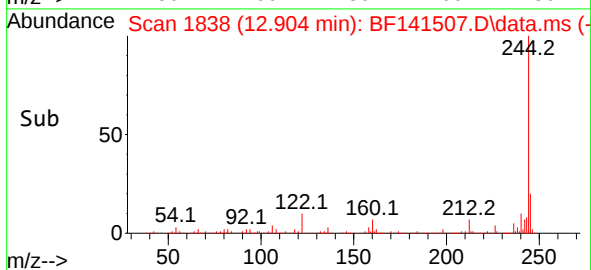
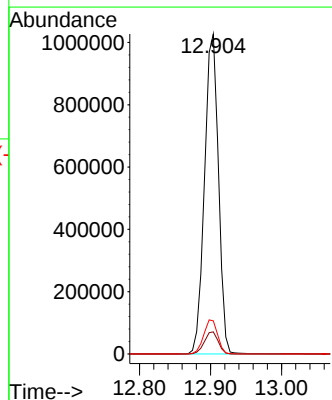
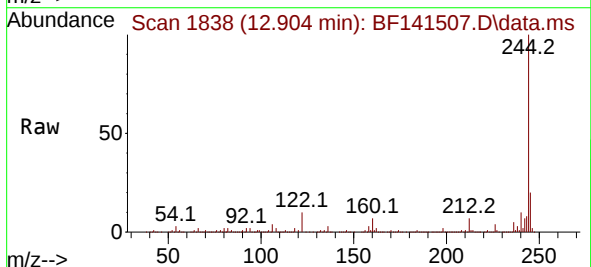
Instrument :
BNA_F
ClientSampleId :
PB166528TB

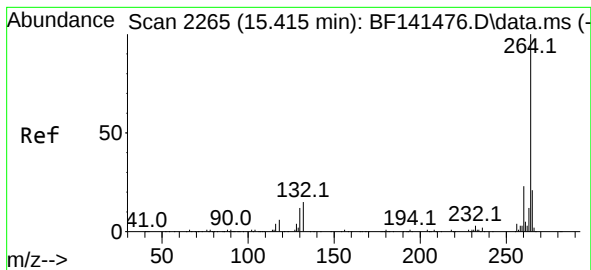
Tgt Ion:240 Resp: 265845
Ion Ratio Lower Upper
240 100
120 10.5 8.0 12.0
236 25.3 19.8 29.8



#79
Terphenyl-d14
Concen: 89.307 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF141507.D
Acq: 07 Feb 2025 15:00

Tgt Ion:244 Resp: 1406360
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.4 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141507.D
 Acq: 07 Feb 2025 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB166528TB

Tgt Ion:264 Resp: 206141
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 28.0
 265 21.6 17.0 25.4

