

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021025\
 Data File : BF141541.D
 Acq On : 10 Feb 2025 18:08
 Operator : RC/JU
 Sample : Q1309-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Feb 11 00:06:59 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)

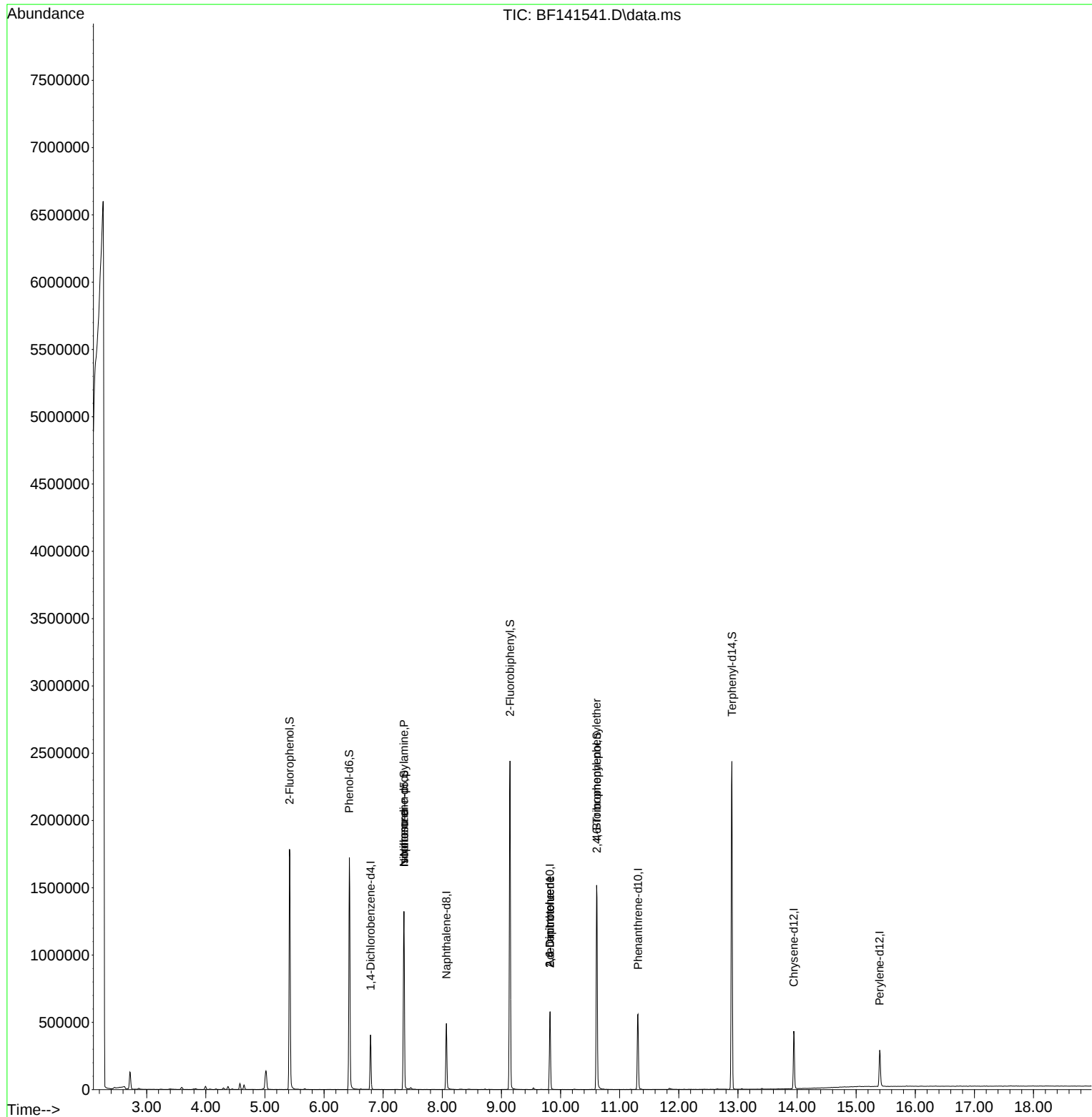
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	81189	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	320165	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	174906	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	307765	20.000	ng	0.00
76) Chrysene-d12	13.945	240	220140	20.000	ng	-0.02
86) Perylene-d12	15.398	264	165711	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	670676	129.506	ng	0.00
7) Phenol-d6	6.428	99	770445	117.707	ng	-0.01
23) Nitrobenzene-d5	7.351	82	588646	95.897	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	248209	141.268	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1085102	95.580	ng	0.00
79) Terphenyl-d14	12.898	244	1217074	93.333	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	80569	20.578	ng	# 74
25) Isophorone	7.351	82	576655	58.918	ng	# 66
51) 2,6-Dinitrotoluene	9.822	165	22846	8.801	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	22846	6.611	ng	# 19
67) 4-Bromophenyl-phenylether	10.610	248	17168	4.991	ng	# 1

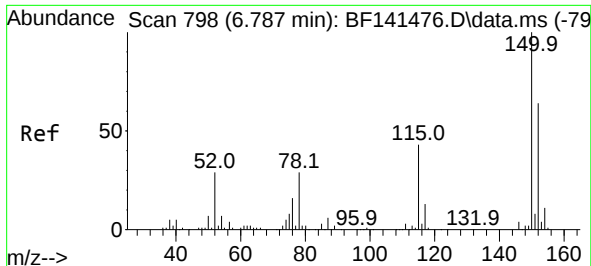
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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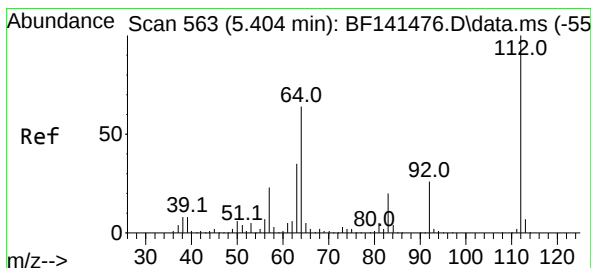
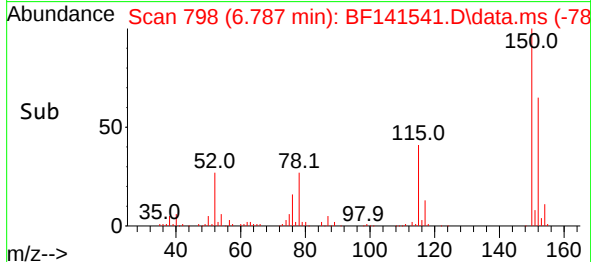
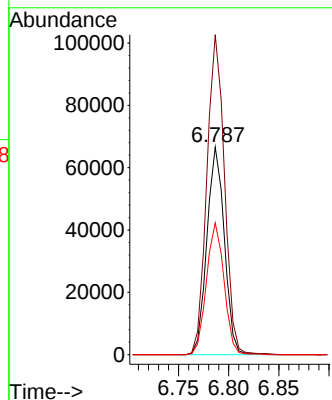
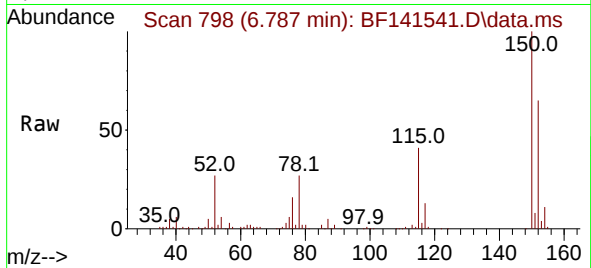




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

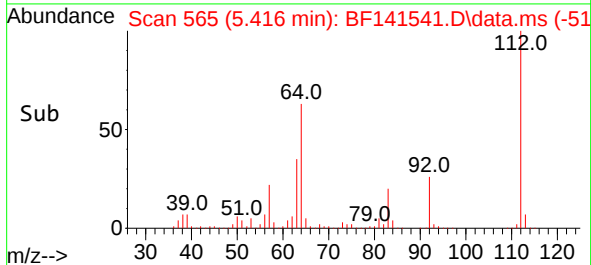
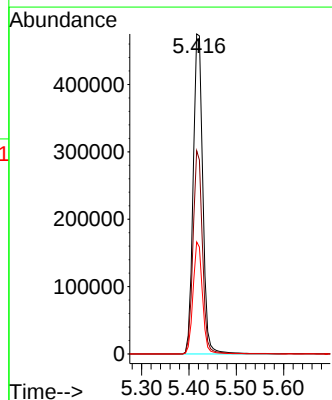
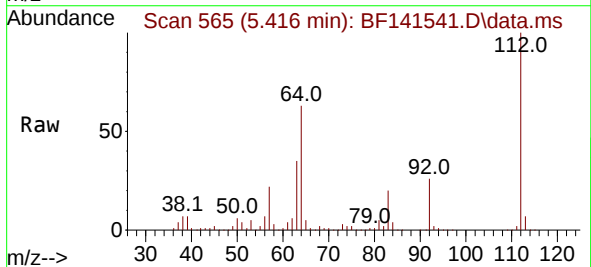
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 81189
Ion Ratio Lower Upper
152 100
150 154.1 125.0 187.4
115 63.4 53.6 80.4



#5
2-Fluorophenol
Concen: 129.506 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion:112 Resp: 670676
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 35.0 28.4 42.6

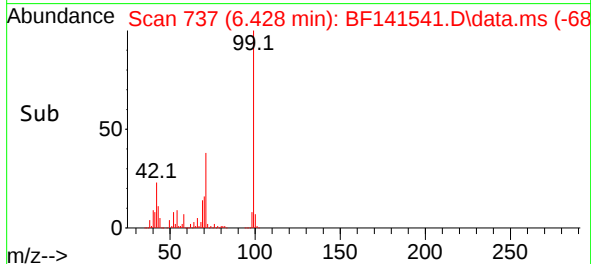
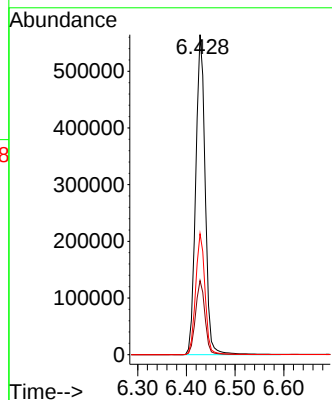
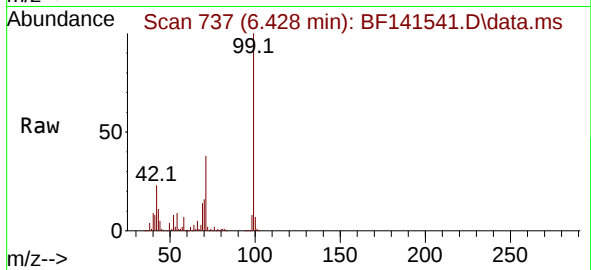




#7
Phenol-d6
Concen: 117.707 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

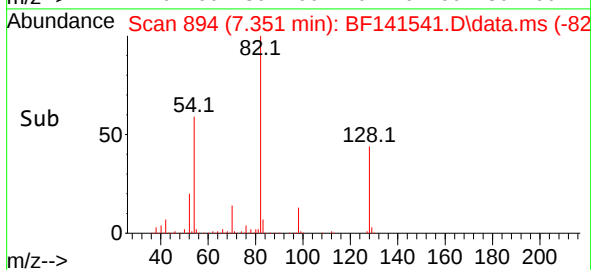
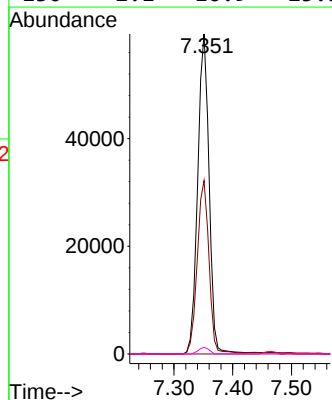
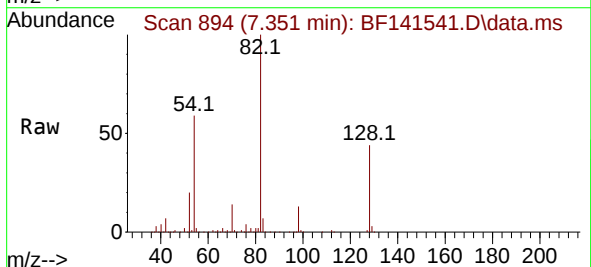
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 770445
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 37.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.578 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion: 70 Resp: 80569
Ion Ratio Lower Upper
70 100
42 54.2 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

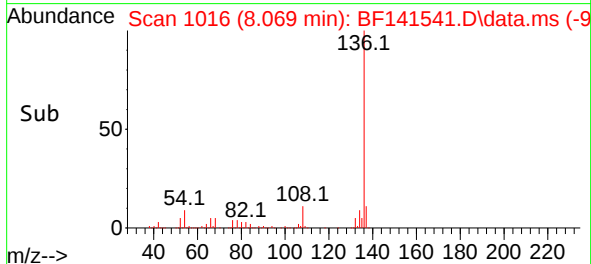
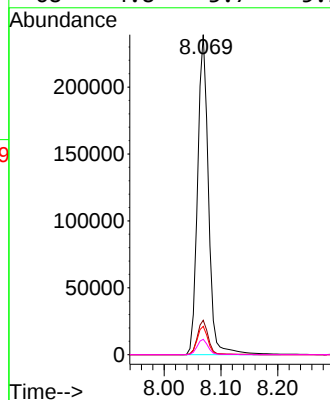
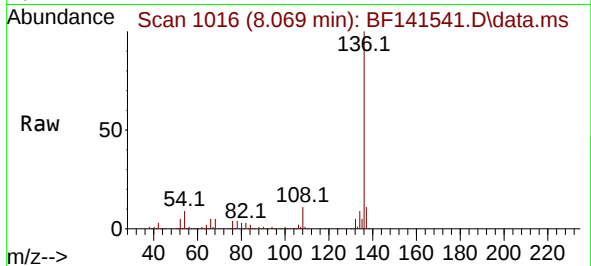




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

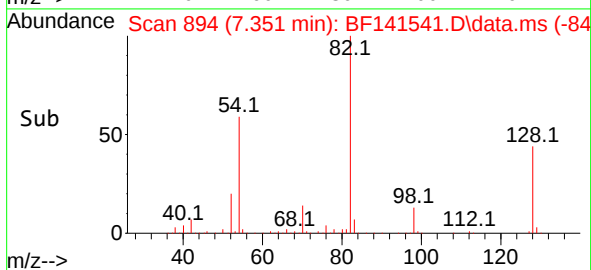
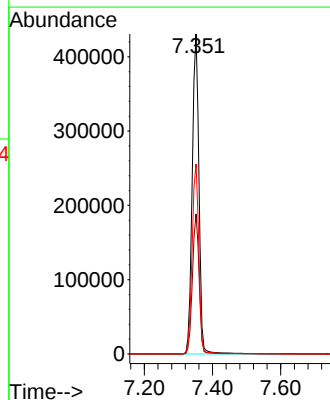
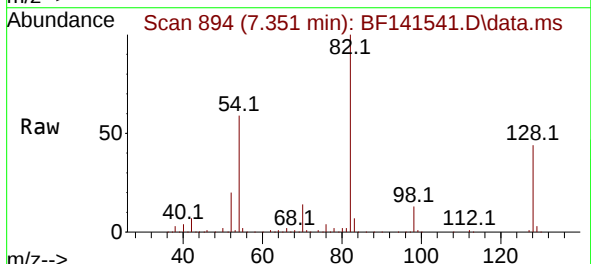
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:136	Resp: 320165
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.9	7.2 10.8
68 4.8	3.7 5.5



#23
Nitrobenzene-d5
Concen: 95.897 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion: 82	Resp: 588646
Ion Ratio	Lower Upper
82 100	
128 43.8	34.8 52.2
54 59.4	48.2 72.4

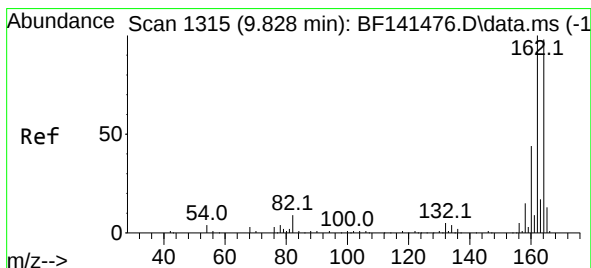
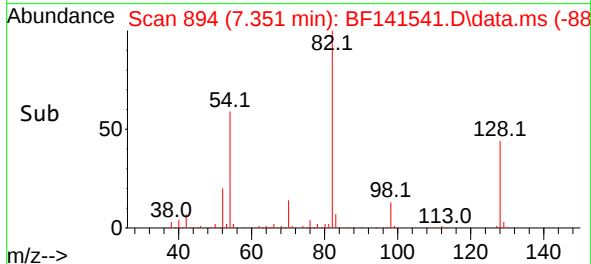
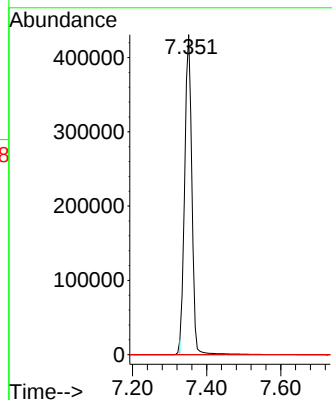
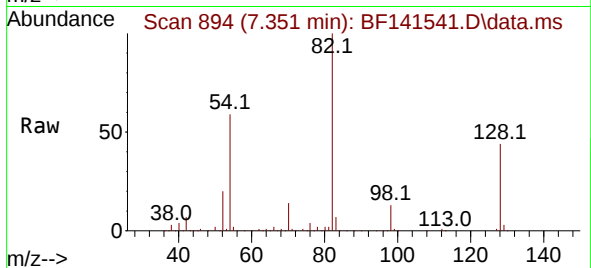




#25
Isophorone
Concen: 58.918 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

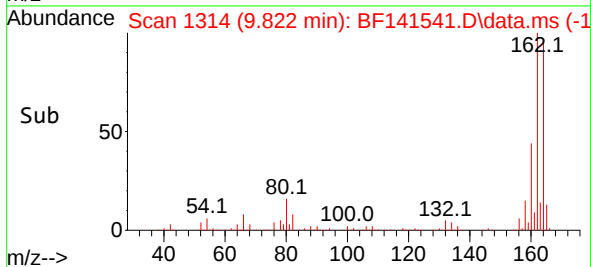
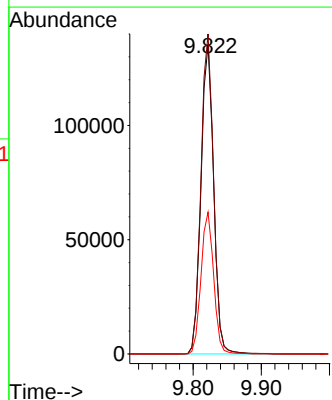
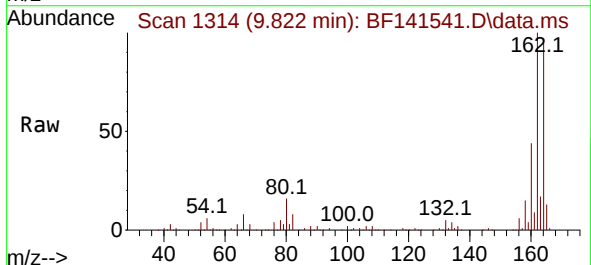
Instrument :
BNA_F
ClientSampleId :
WC-2

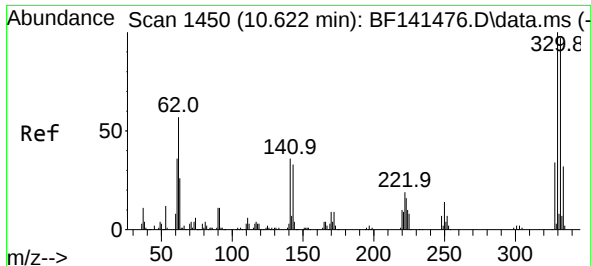
Tgt Ion: 82 Resp: 576655
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion:164 Resp: 174906
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 45.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 141.268 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141541.D

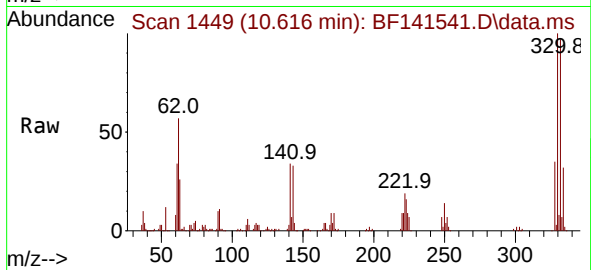
Acq: 10 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

WC-2



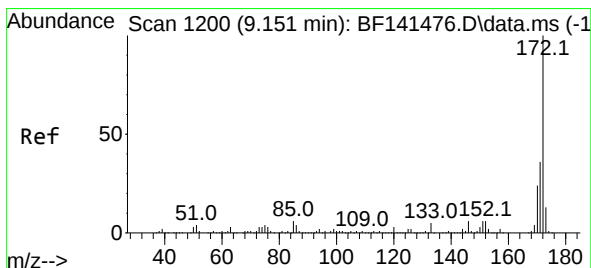
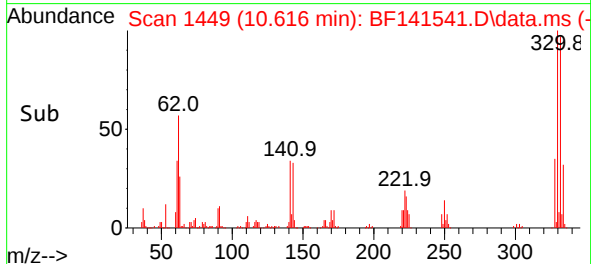
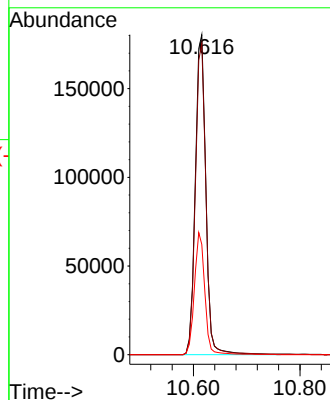
Tgt Ion:330 Resp: 248209

Ion Ratio Lower Upper

330 100

332 97.3 78.5 117.7

141 37.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.580 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141541.D

Acq: 10 Feb 2025 18:08

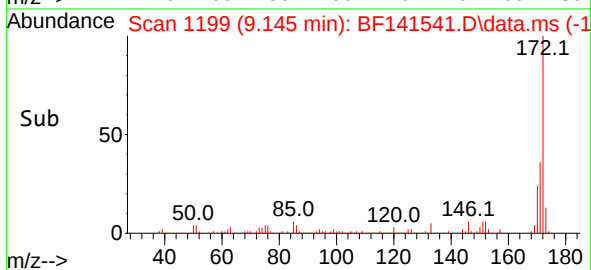
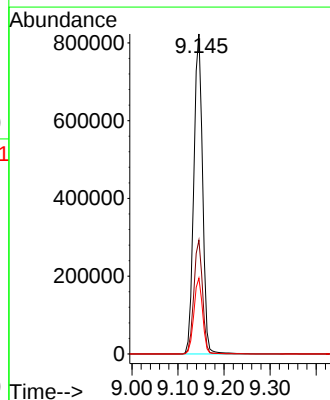
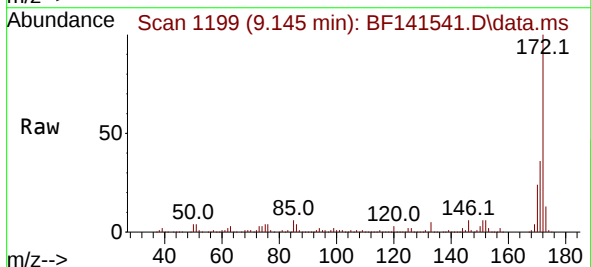
Tgt Ion:172 Resp: 1085102

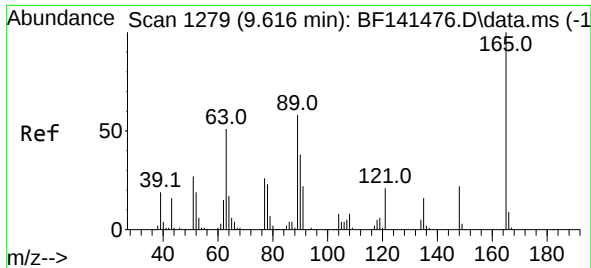
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.7 18.9 28.3

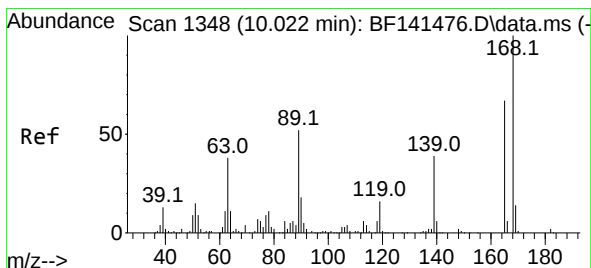
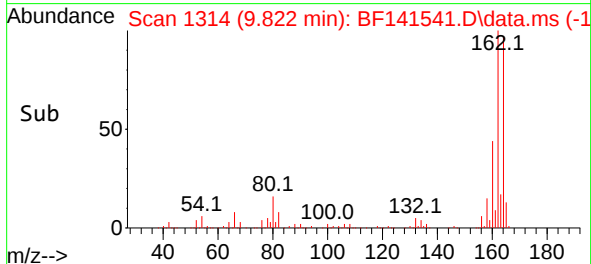
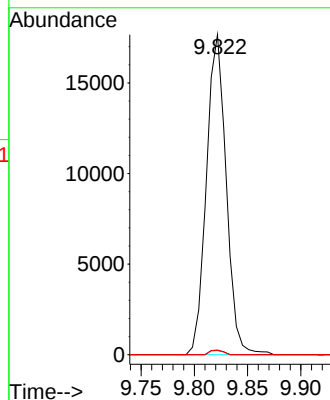
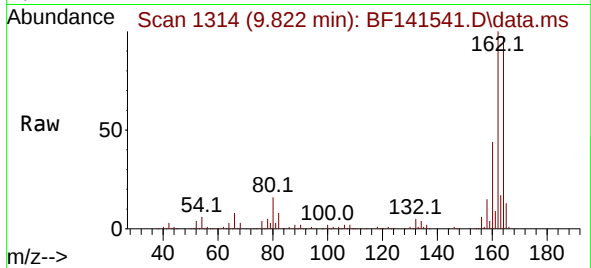




#51
2,6-Dinitrotoluene
Concen: 8.801 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

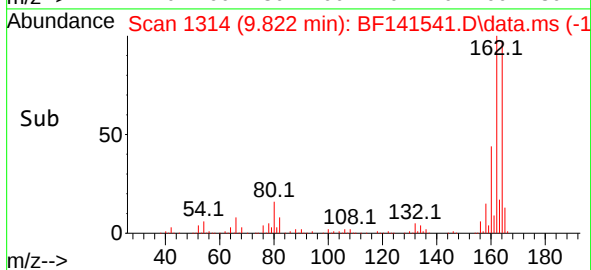
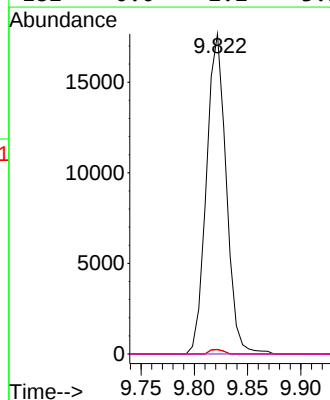
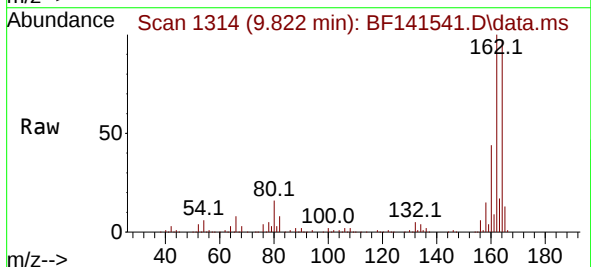
Instrument :
BNA_F
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WC-2

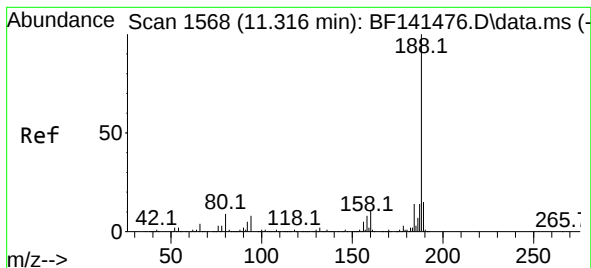
Tgt Ion:165 Resp: 22846
Ion Ratio Lower Upper
165 100
63 1.4 49.4 74.0#
89 1.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 9.822 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Tgt Ion:165 Resp: 22846
Ion Ratio Lower Upper
165 100
63 1.4 46.4 69.6#
89 1.3 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: BF141541.D

Acq: 10 Feb 2025 18:08

Instrument :

BNA_F

ClientSampleId :

WC-2

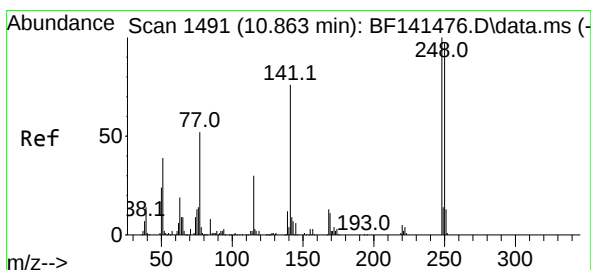
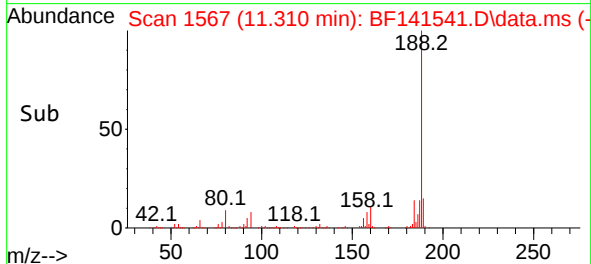
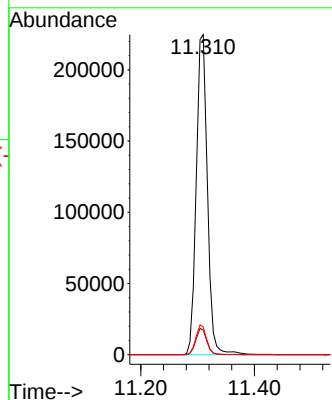
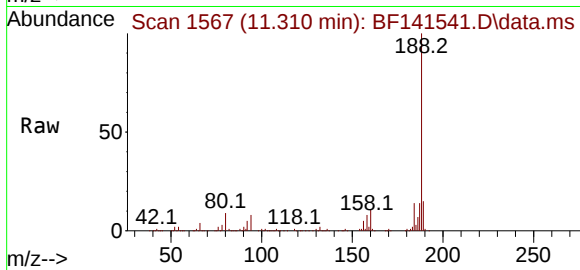
Tgt Ion:188 Resp: 307765

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

80 8.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.991 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.253 min

Lab File: BF141541.D

Acq: 10 Feb 2025 18:08

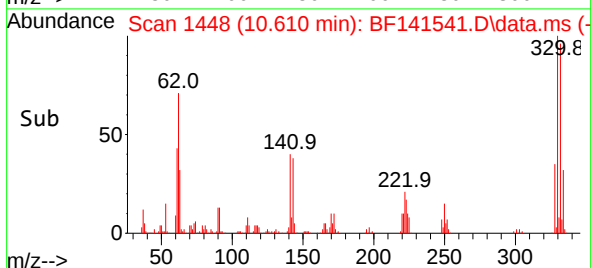
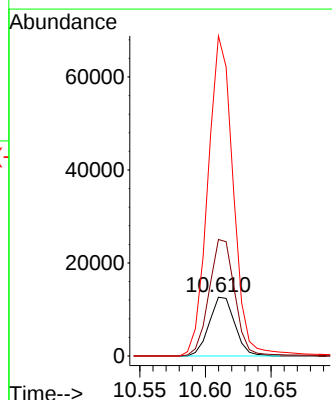
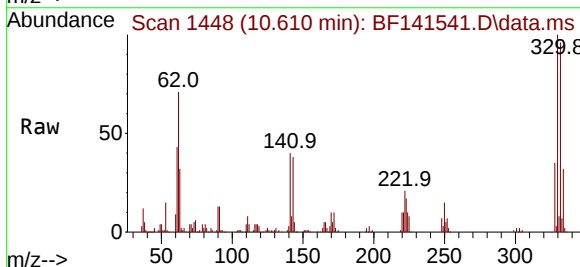
Tgt Ion:248 Resp: 17168

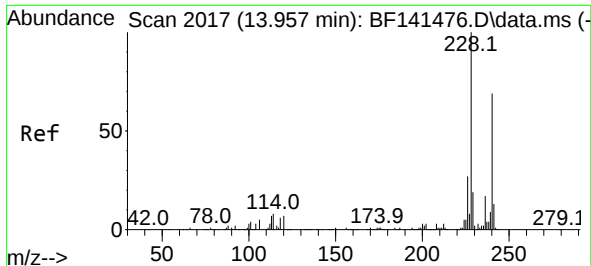
Ion Ratio Lower Upper

248 100

250 198.2 77.8 116.6#

141 544.4 60.6 90.8#

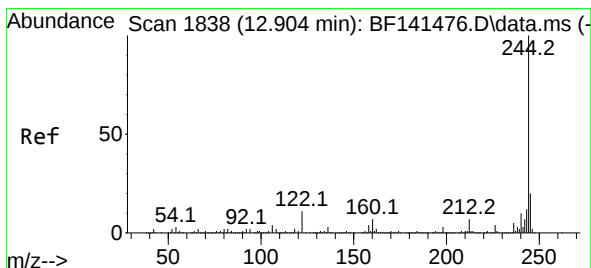
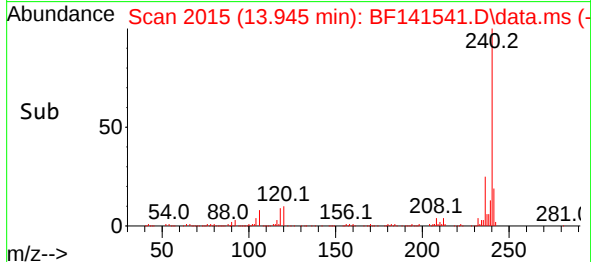
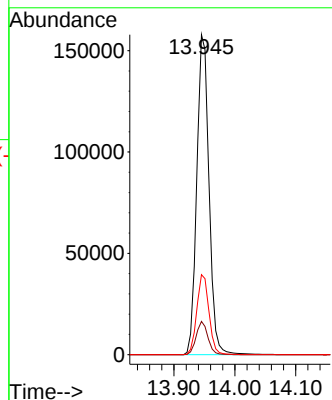
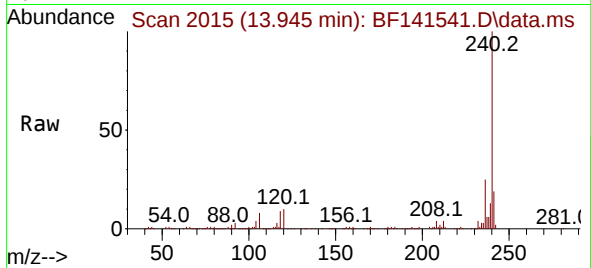




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2017
Delta R.T. -0.017 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

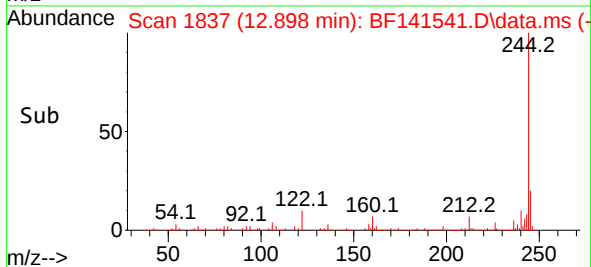
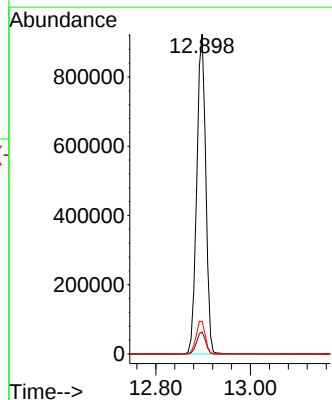
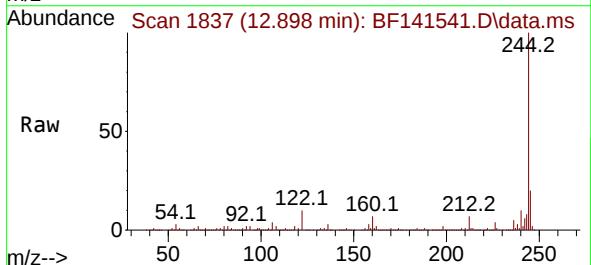
Instrument :
BNA_F
ClientSampleId :
WC-2

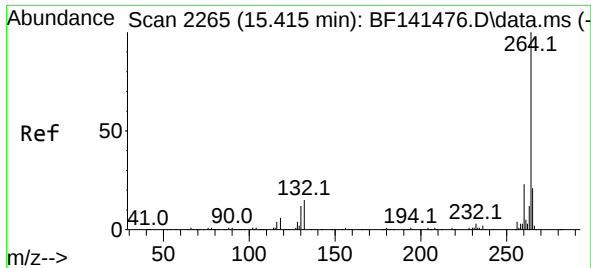
Tgt Ion:240 Resp: 220140
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.0 19.8 29.8



#79
Terphenyl-d14
Concen: 93.333 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

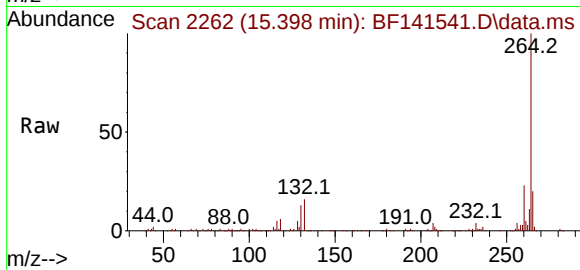
Tgt Ion:244 Resp: 1217074
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 10.3 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF141541.D
Acq: 10 Feb 2025 18:08

Instrument :
BNA_F
ClientSampleId :
WC-2



Tgt Ion:264 Resp: 165711
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 20.4 17.0 25.4

