

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
 Data File : BF141767.D
 Acq On : 25 Feb 2025 16:35
 Operator : RC/JU
 Sample : Q1415-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-163-SB02

Quant Time: Feb 25 16:56:07 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)

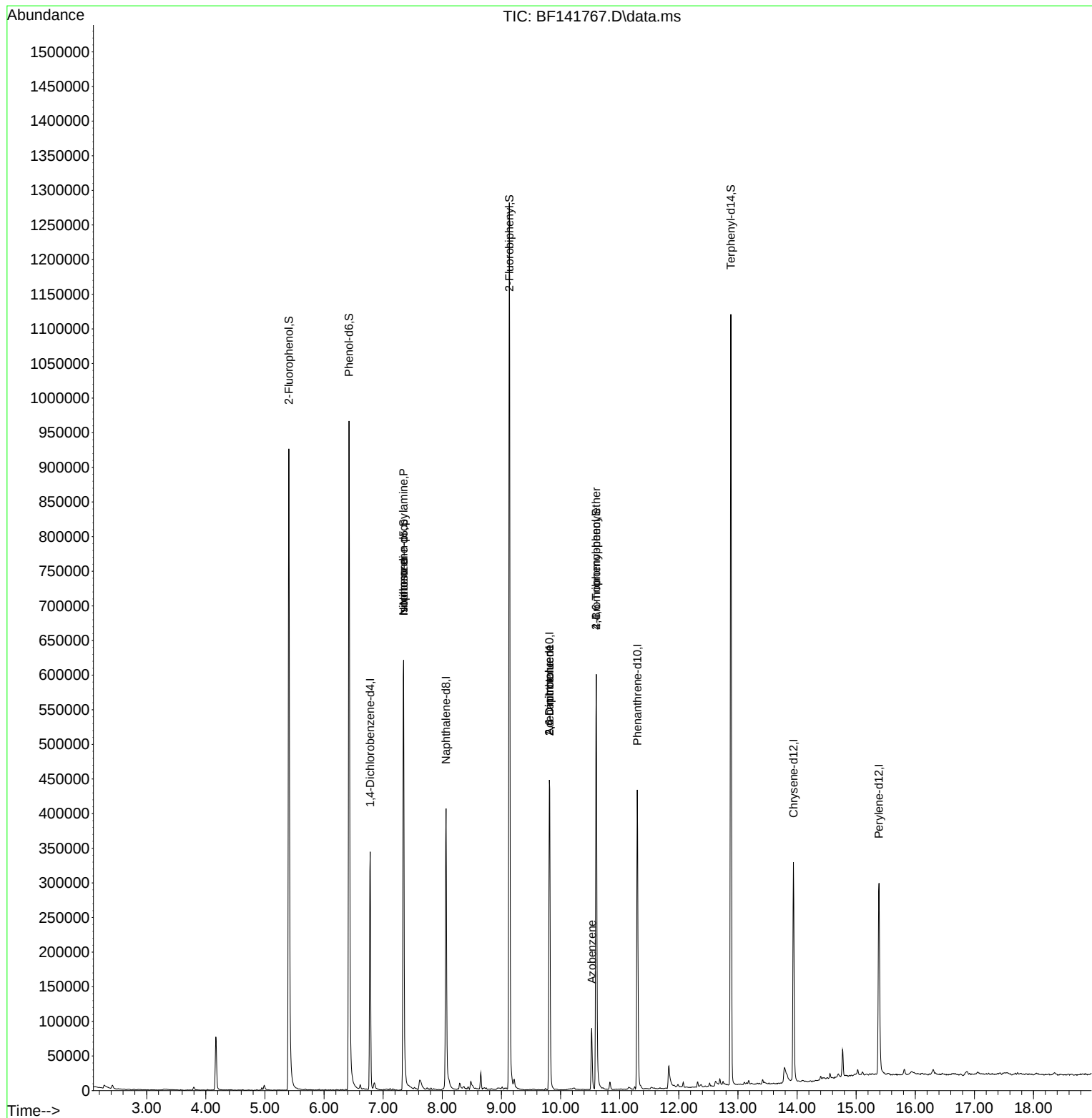
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74409	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	292573	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	153922	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	248859	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	169140	20.000	ng	-0.02
86) Perylene-d12	15.386	264	184984	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	396859	83.615	ng	0.00
7) Phenol-d6	6.422	99	488768	81.477	ng	-0.02
23) Nitrobenzene-d5	7.345	82	304374	54.262	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	111523	72.126	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	592893	59.344	ng	-0.02
79) Terphenyl-d14	12.880	244	548636	54.759	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	39883	11.115	ng	# 73
25) Isophorone	7.345	82	295766	33.069	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	19250	8.427	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	19251	6.331	ng	# 18
63) Azobenzene	10.528	77	24459	2.393	ng	# 1
67) 4-Bromophenyl-phenylether	10.604	248	7933	2.852	ng	# 1

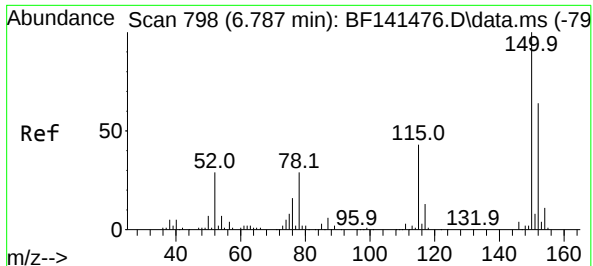
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022525\
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Misc :
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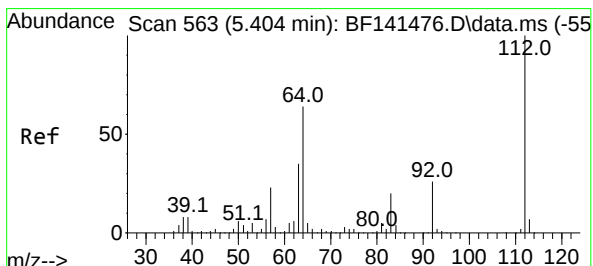
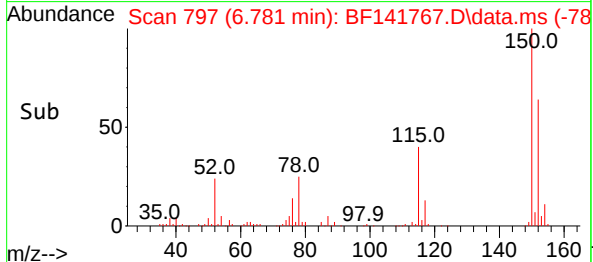
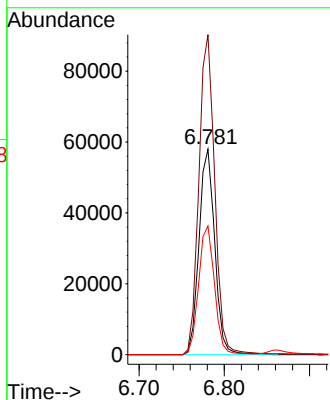
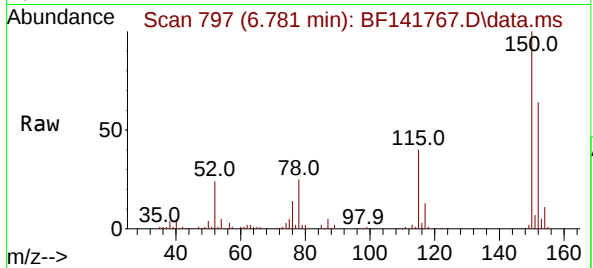




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

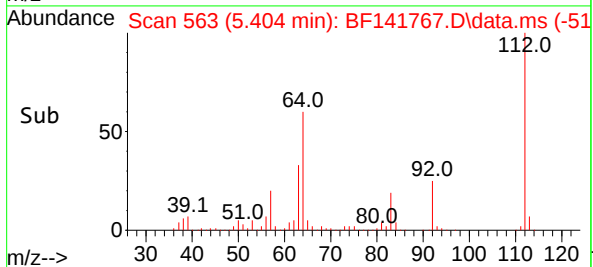
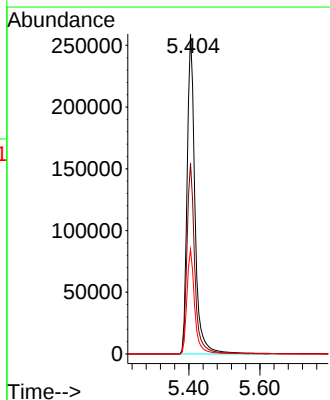
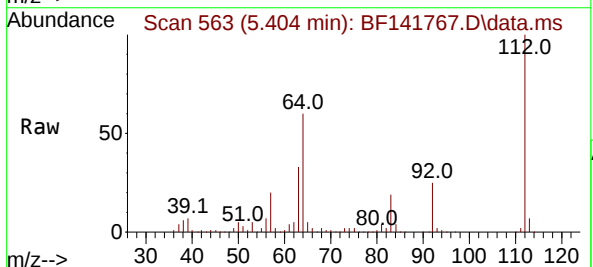
Instrument :
BNA_F
ClientSampleId :
B-163-SB02

Tgt Ion:152 Resp: 74409
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.4
115 62.7 53.6 80.4



#5
2-Fluorophenol
Concen: 83.615 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

Tgt Ion:112 Resp: 396859
Ion Ratio Lower Upper
112 100
64 59.7 51.1 76.7
63 32.6 28.4 42.6

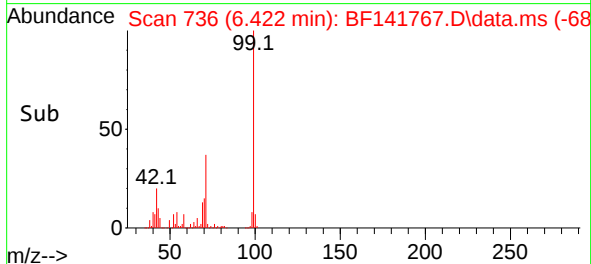
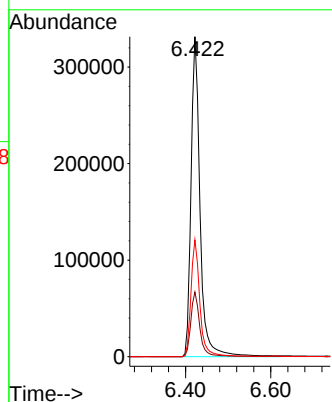
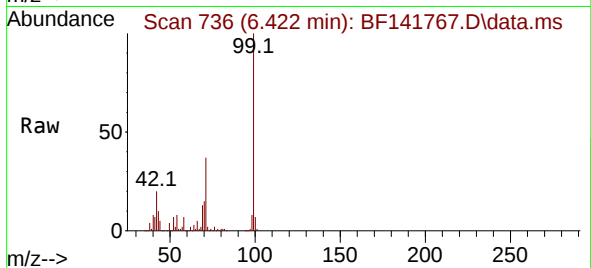




#7
Phenol-d6
Concen: 81.477 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

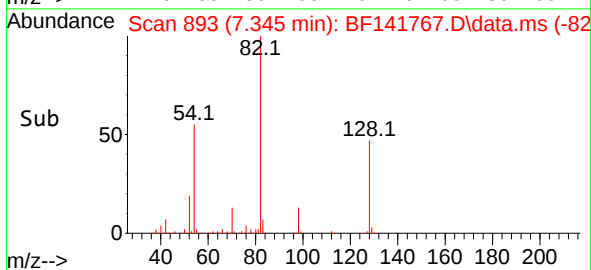
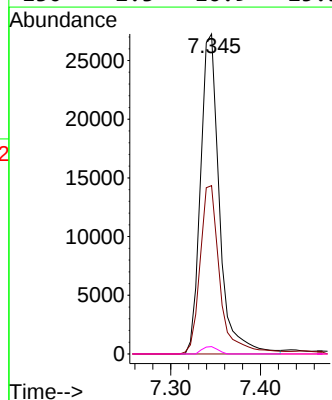
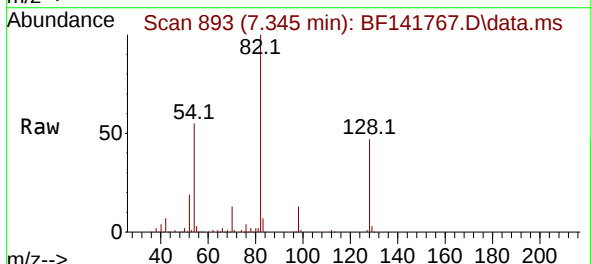
Instrument :
BNA_F
ClientSampleId :
B-163-SB02

Tgt Ion: 99 Resp: 488768
Ion Ratio Lower Upper
99 100
42 20.2 19.1 28.7
71 36.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.115 ng
RT: 7.345 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

Tgt Ion: 70 Resp: 39883
Ion Ratio Lower Upper
70 100
42 52.6 57.4 86.2#
101 0.0 8.0 12.0#
130 2.3 16.9 25.3#



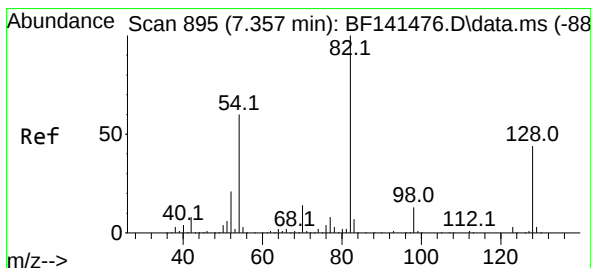
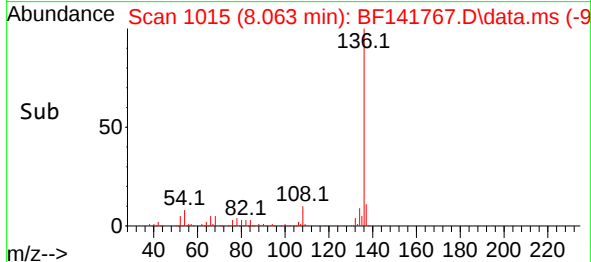
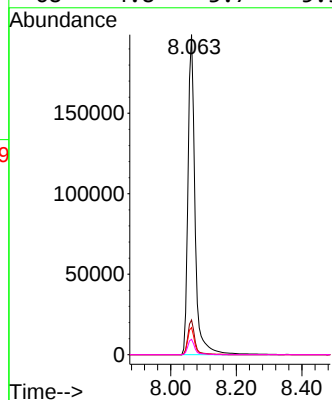
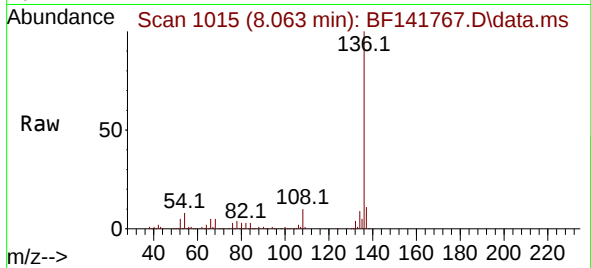


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

Instrument :
BNA_F
ClientSampleId :
B-163-SB02

Tgt Ion:136 Resp: 292573

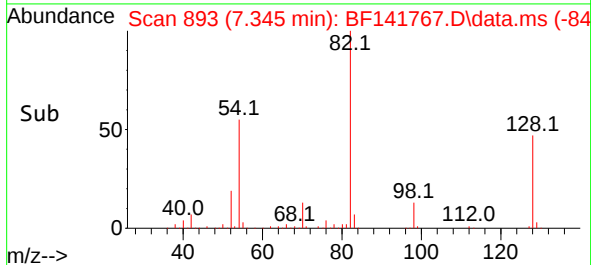
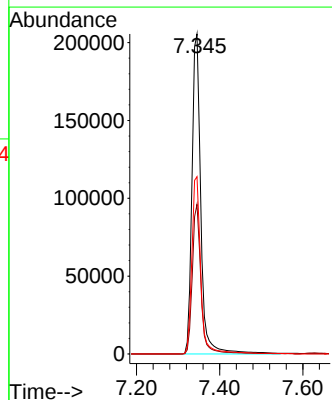
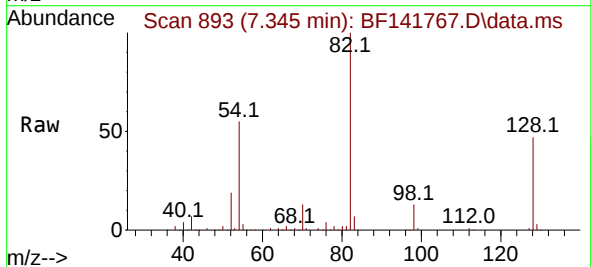
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	7.2	10.8
68	4.8	3.7	5.5



#23
Nitrobenzene-d5
Concen: 54.262 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

Tgt Ion: 82 Resp: 304374

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.8	52.2
54	55.4	48.2	72.4

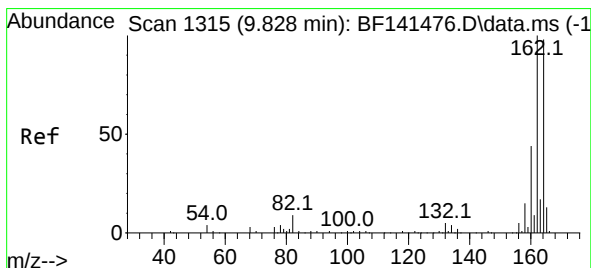
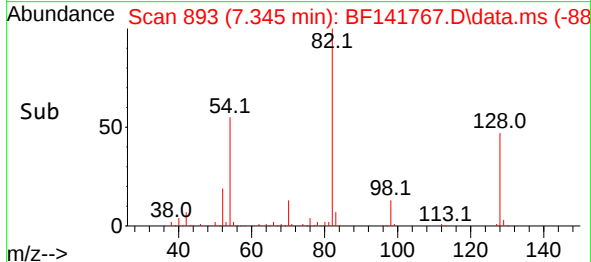
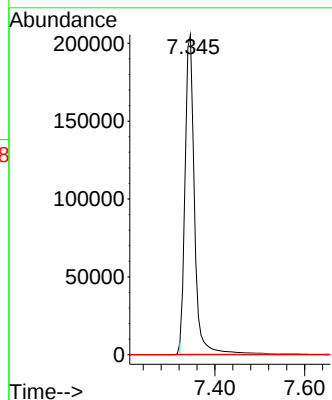
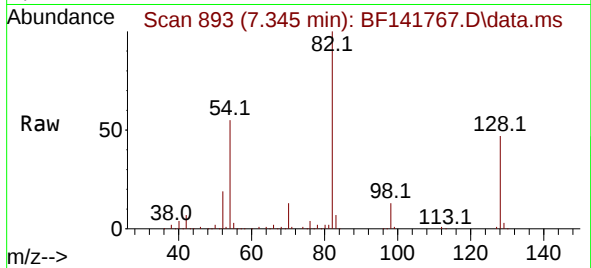




#25
Isophorone
Concen: 33.069 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

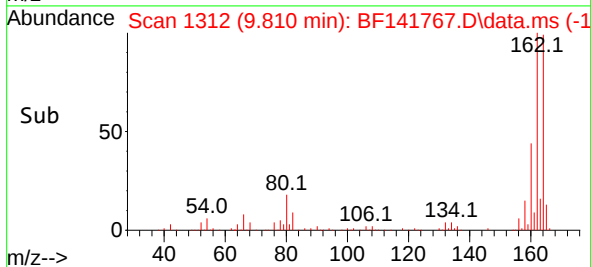
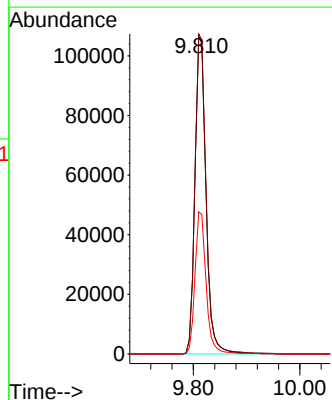
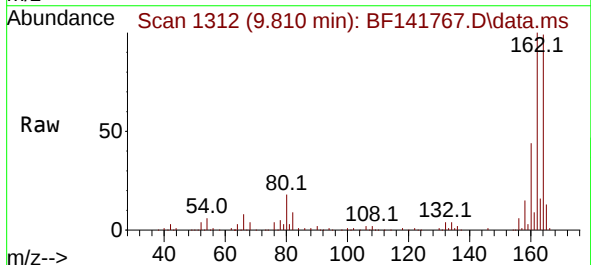
Instrument :
BNA_F
ClientSampleId :
B-163-SB02

Tgt Ion: 82 Resp: 295766
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: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

Tgt Ion:164 Resp: 153922
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.8 35.9 53.9

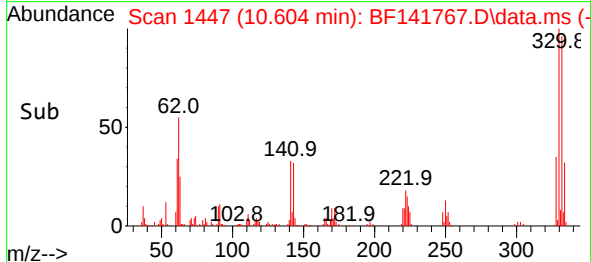
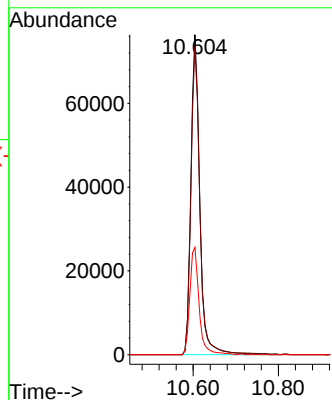
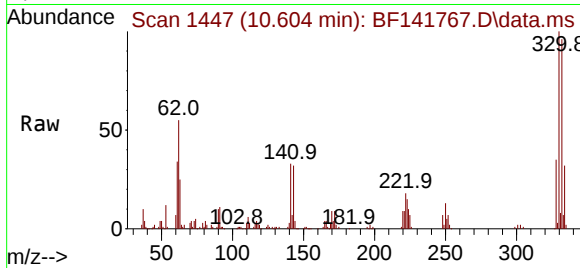




#42
 2,4,6-Tribromophenol
 Concen: 72.126 ng
 RT: 10.604 min Scan# 1447
 Delta R.T. -0.023 min
 Lab File: BF141767.D
 Acq: 25 Feb 2025 16:35

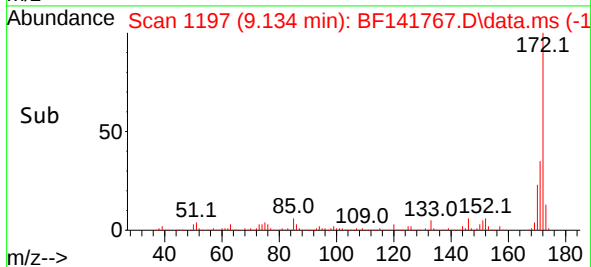
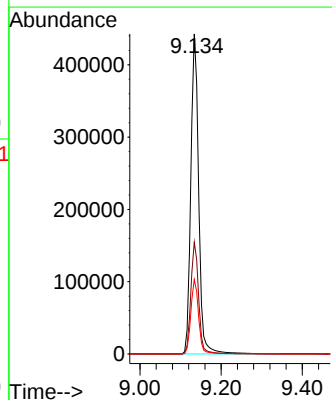
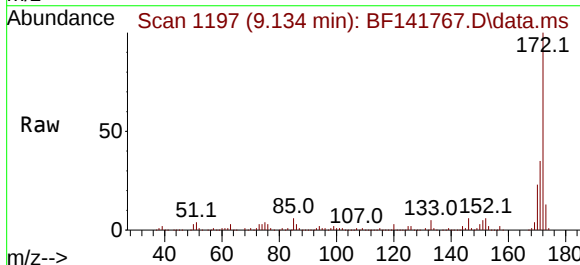
Instrument :
 BNA_F
 ClientSampleId :
 B-163-SB02

Tgt Ion: 330 Resp: 111523
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.5 117.7
 141 34.7 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 59.344 ng
 RT: 9.134 min Scan# 1197
 Delta R.T. -0.017 min
 Lab File: BF141767.D
 Acq: 25 Feb 2025 16:35

Tgt Ion: 172 Resp: 592893
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.7 43.1
 170 23.3 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.427 ng

RT: 9.810 min Scan# 1312

Delta R.T. 0.188 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

B-163-SB02

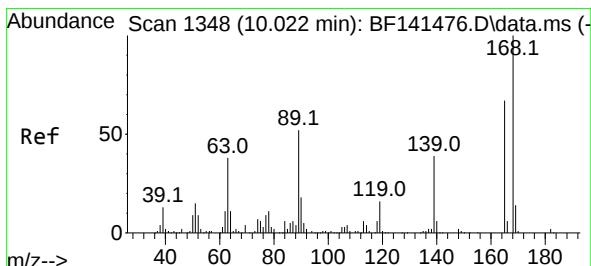
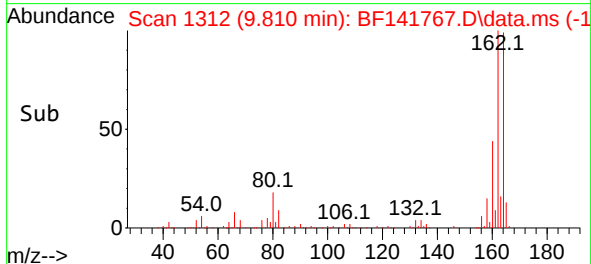
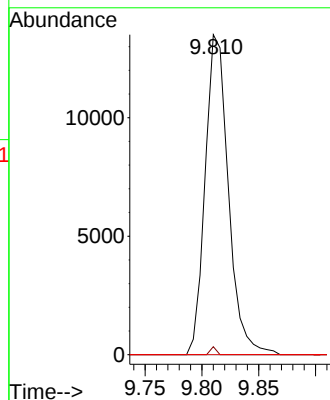
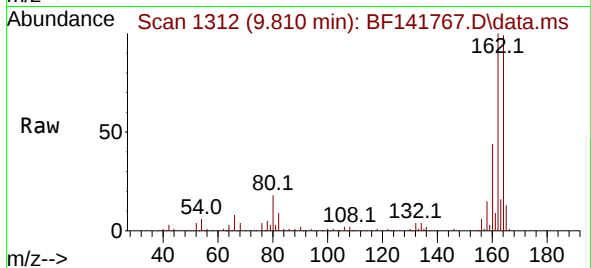
Tgt Ion:165 Resp: 19250

Ion Ratio Lower Upper

165 100

63 2.5 49.4 74.0#

89 0.0 46.5 69.7#



#57

2,4-Dinitrotoluene

Concen: 6.331 ng

RT: 9.810 min Scan# 1312

Delta R.T. -0.217 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

Tgt Ion:165 Resp: 19251

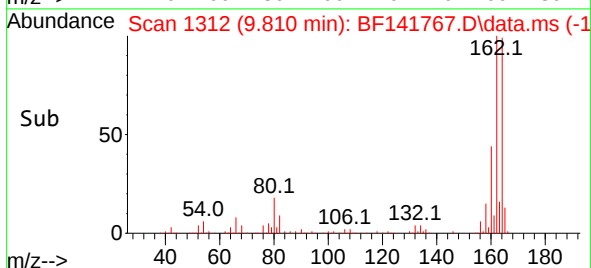
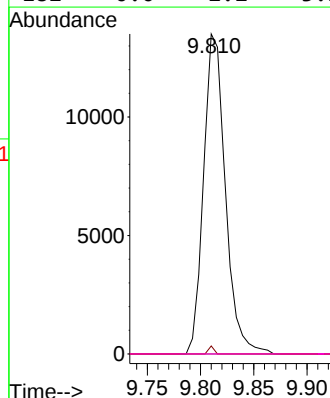
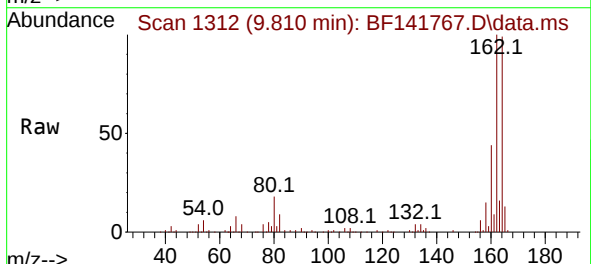
Ion Ratio Lower Upper

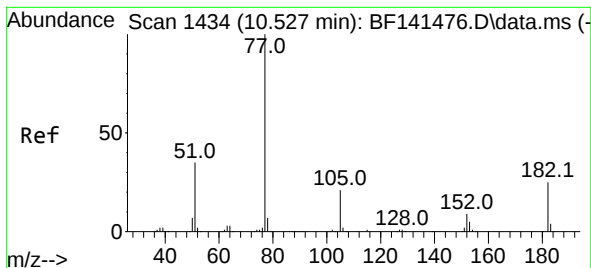
165 100

63 2.5 46.4 69.6#

89 0.0 61.8 92.6#

182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 2.393 ng

RT: 10.528 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

B-163-SB02

Tgt Ion: 77 Resp: 24459

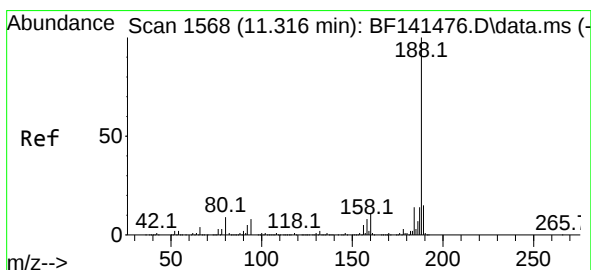
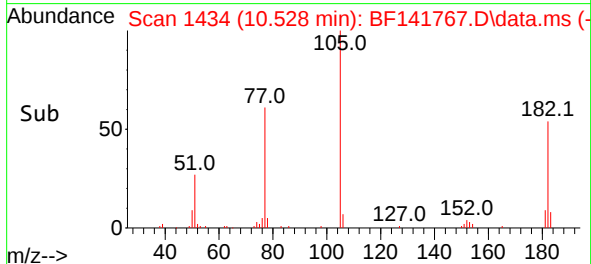
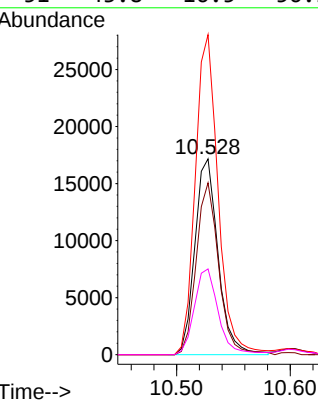
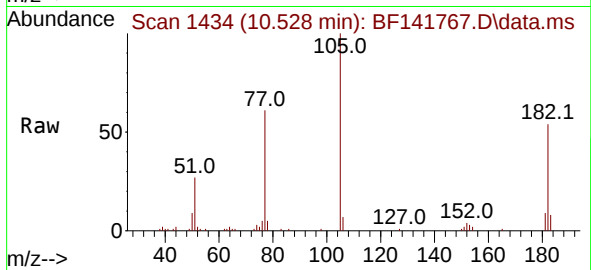
Ion Ratio Lower Upper

77 100

182 87.8 4.7 44.7#

105 163.4 0.4 40.4#

51 43.8 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1565

Delta R.T. -0.017 min

Lab File: BF141767.D

Acq: 25 Feb 2025 16:35

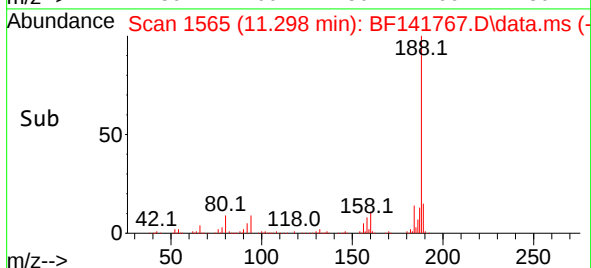
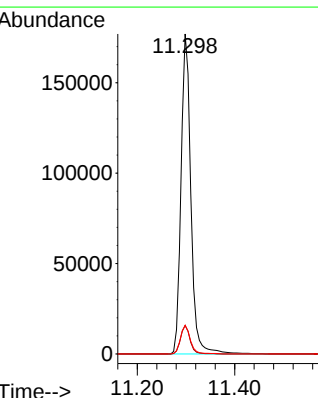
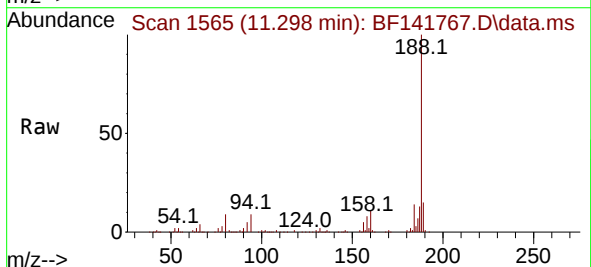
Tgt Ion:188 Resp: 248859

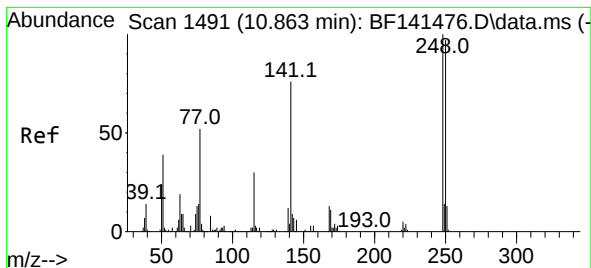
Ion Ratio Lower Upper

188 100

94 8.9 6.6 10.0

80 8.9 7.3 10.9

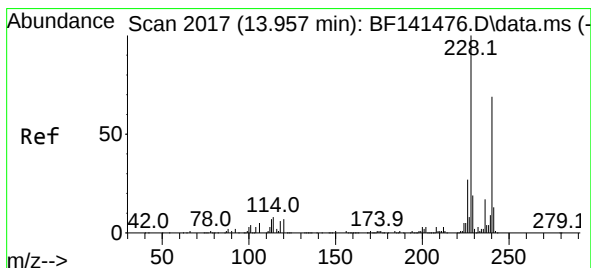
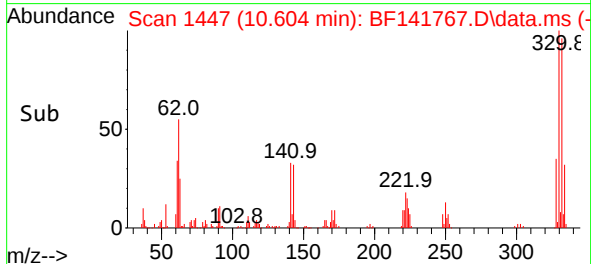
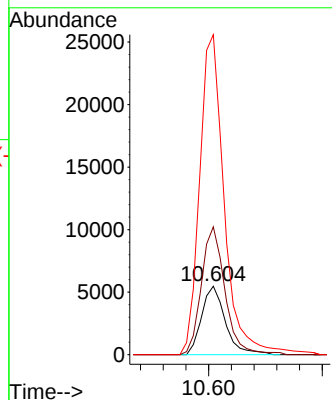
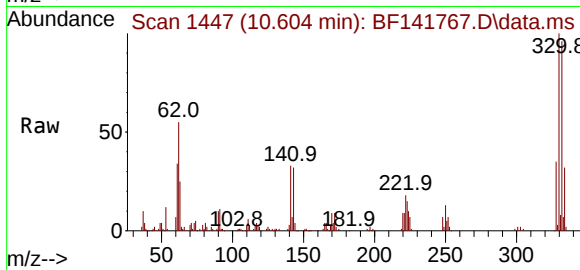




#67
4-Bromophenyl-phenylether
Concen: 2.852 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

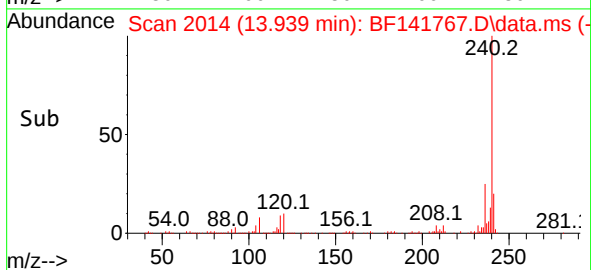
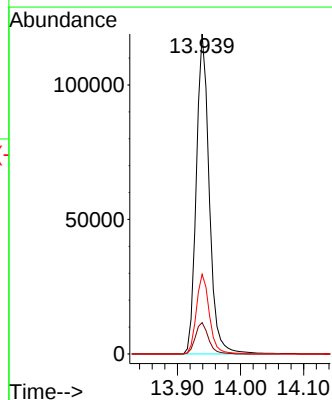
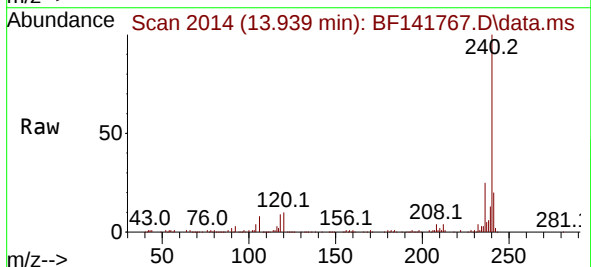
Instrument :
BNA_F
ClientSampleId :
B-163-SB02

Tgt Ion:248 Resp: 7933
Ion Ratio Lower Upper
248 100
250 186.6 77.8 116.6#
141 467.2 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141767.D
Acq: 25 Feb 2025 16:35

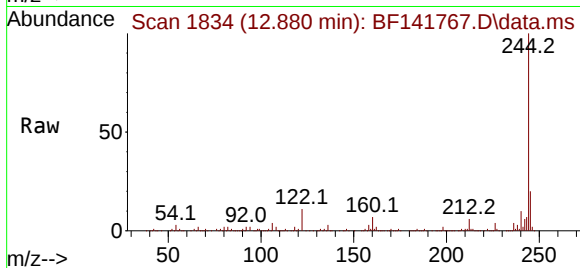
Tgt Ion:240 Resp: 169140
Ion Ratio Lower Upper
240 100
120 9.8 8.0 12.0
236 24.9 19.8 29.8



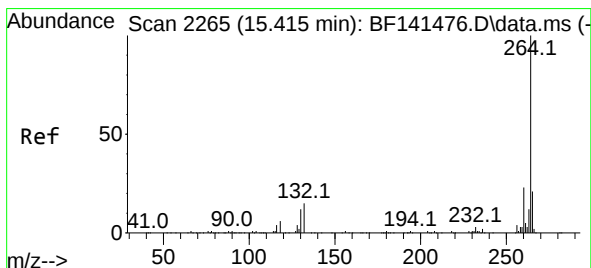
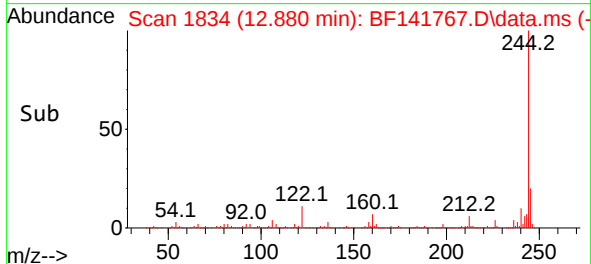
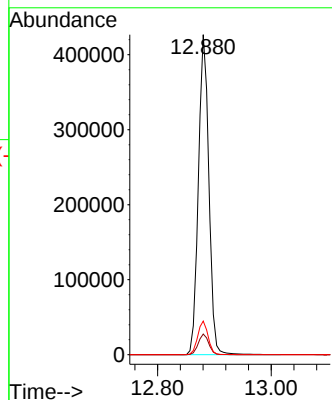


#79
 Terphenyl-d14
 Concen: 54.759 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141767.D
 Acq: 25 Feb 2025 16:35

Instrument :
 BNA_F
 ClientSampleId :
 B-163-SB02



Tgt Ion:244 Resp: 548636
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.5 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2260
 Delta R.T. -0.029 min
 Lab File: BF141767.D
 Acq: 25 Feb 2025 16:35

Tgt Ion:264 Resp: 184984
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.3 17.0 25.4

