

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141615.D
 Acq On : 13 Feb 2025 15:30
 Operator : RC/JU
 Sample : Q1356-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARBON-FB

Quant Time: Feb 13 15:52:00 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)

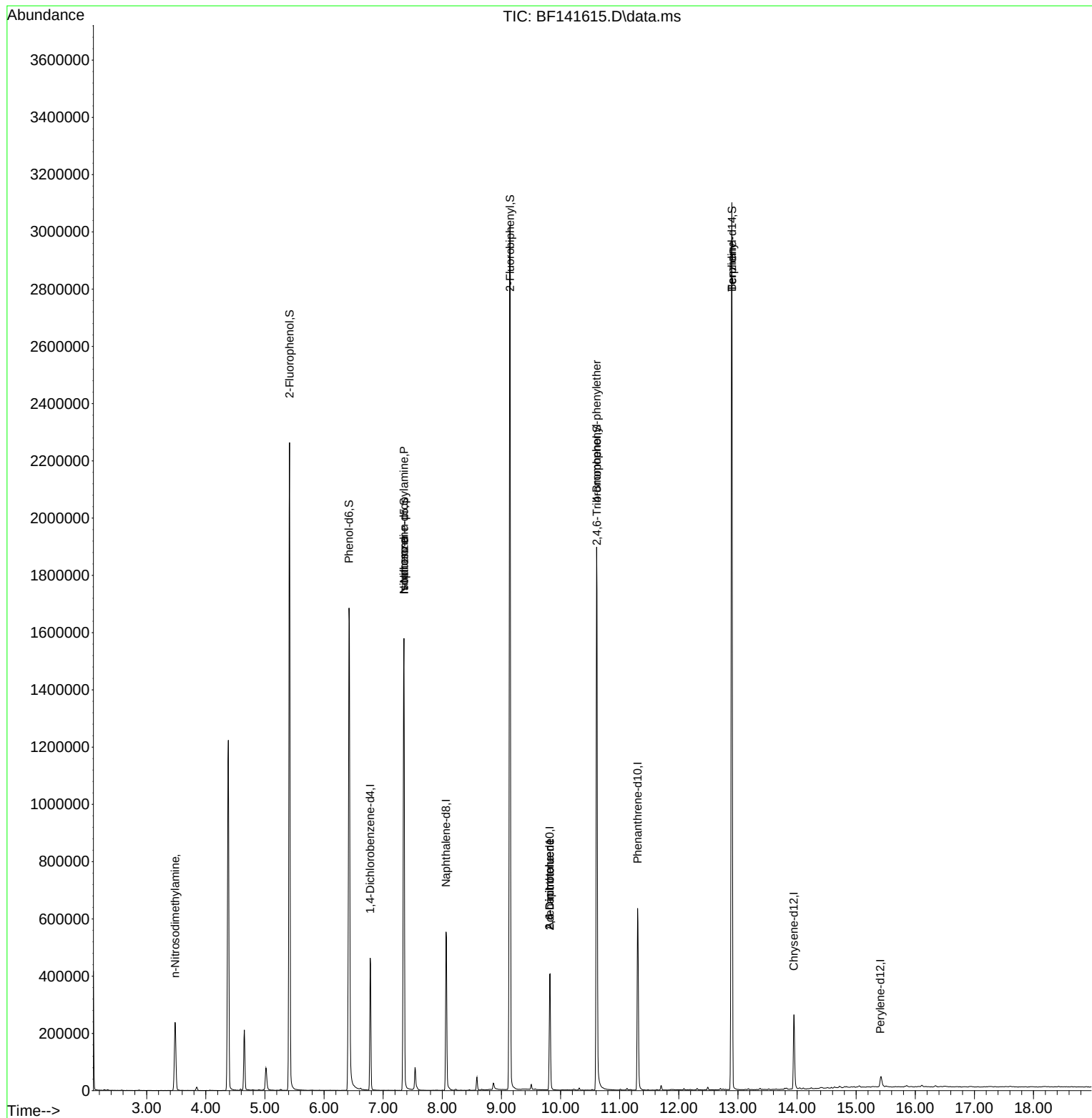
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	96491	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	391387	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	119804	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	316585	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	108024	20.000	ng	#-0.02
86) Perylene-d12	15.410	264	8325	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	841620	136.743	ng	0.00
7) Phenol-d6	6.422	99	717961	92.293	ng	-0.02
23) Nitrobenzene-d5	7.351	82	778108	103.695	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	337102	280.105	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1443835	185.673	ng	0.00
79) Terphenyl-d14	12.898	244	1433650	224.047	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.481	42	7932	2.032	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	103878	22.324	ng	# 75
25) Isophorone	7.351	82	765262	63.960	ng	# 66
51) 2,6-Dinitrotoluene	9.816	165	15139	8.515	ng	# 24
57) 2,4-Dinitrotoluene	9.816	165	15139	6.396	ng	# 20
67) 4-Bromophenyl-phenylether	10.610	248	22641	6.399	ng	# 1
77) Benzidine	12.898	184	20349	8.541	ng	# 90

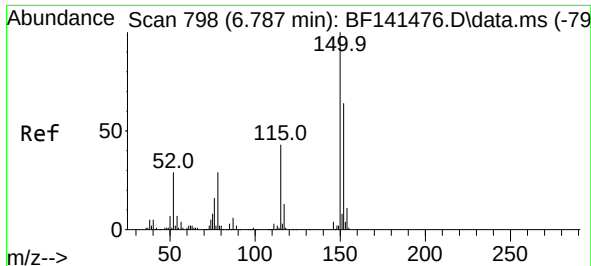
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
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ALS Vial : 14 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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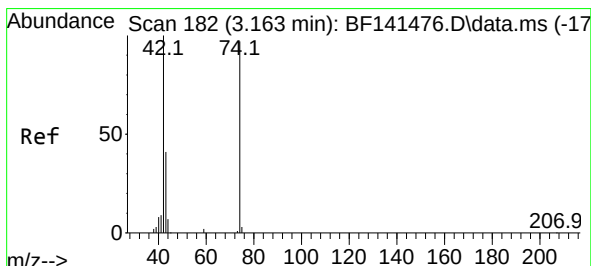
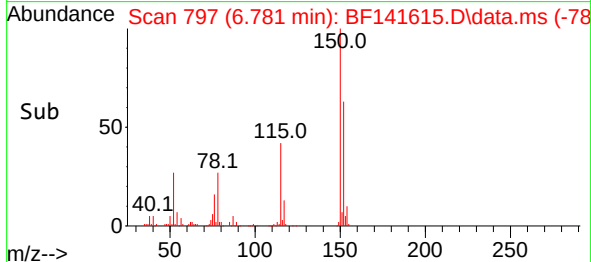
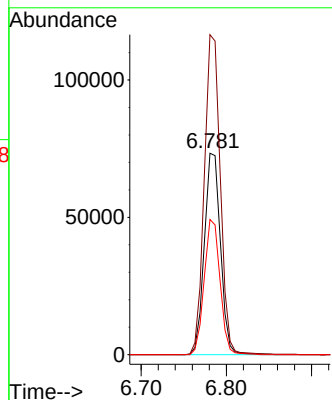
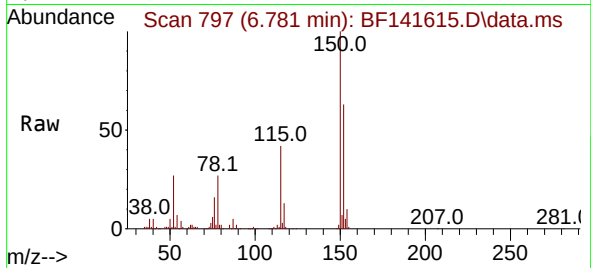




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

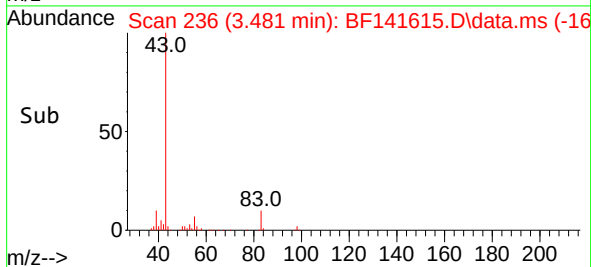
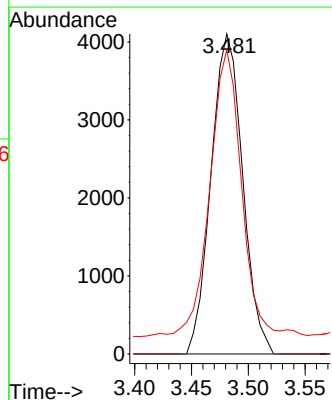
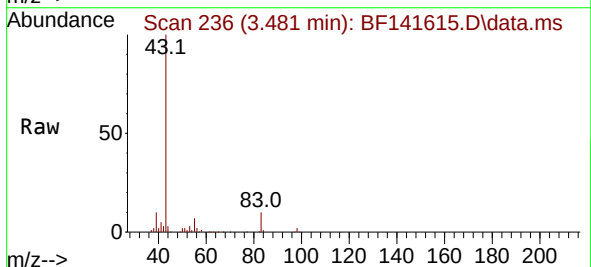
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

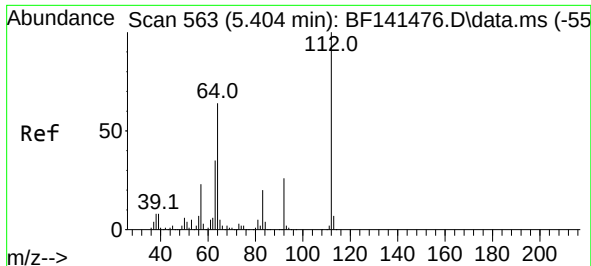
Tgt Ion:152 Resp: 96491
Ion Ratio Lower Upper
152 100
150 158.8 125.0 187.4
115 67.1 53.6 80.4



#4
n-Nitrosodimethylamine
Concen: 2.032 ng
RT: 3.481 min Scan# 236
Delta R.T. 0.294 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion: 42 Resp: 7932
Ion Ratio Lower Upper
42 100
74 0.0 78.0 117.0#
44 95.1 5.4 8.2#

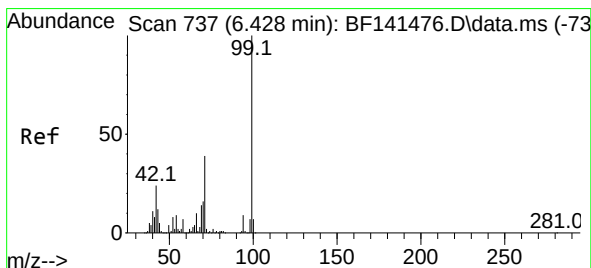
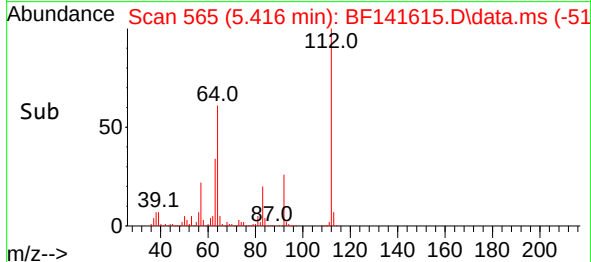
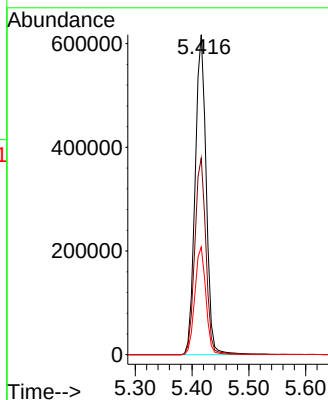
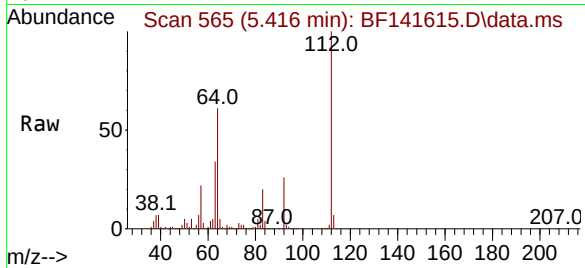




#5
2-Fluorophenol
Concen: 136.743 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

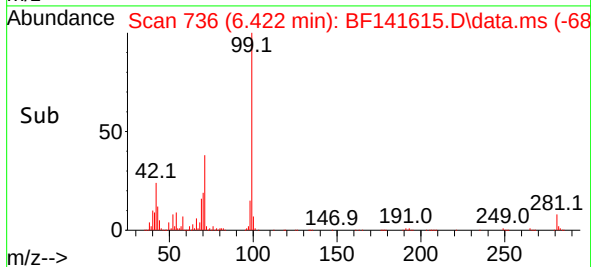
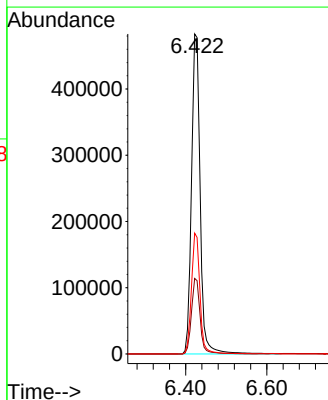
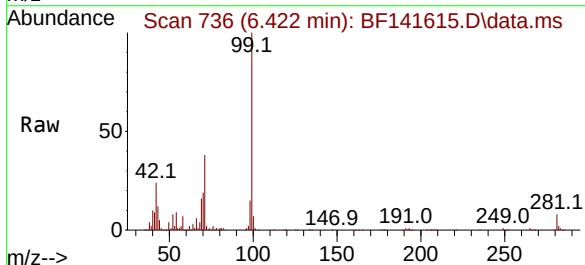
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

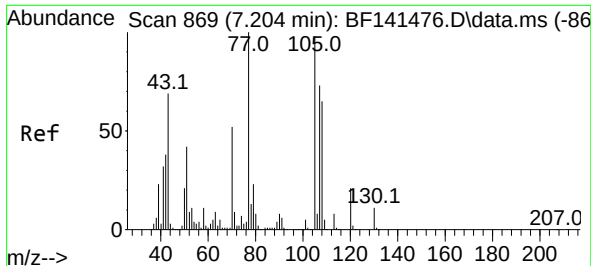
Tgt Ion:112 Resp: 841620
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 33.7 28.4 42.6



#7
Phenol-d6
Concen: 92.293 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.017 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion: 99 Resp: 717961
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 37.8 31.1 46.7

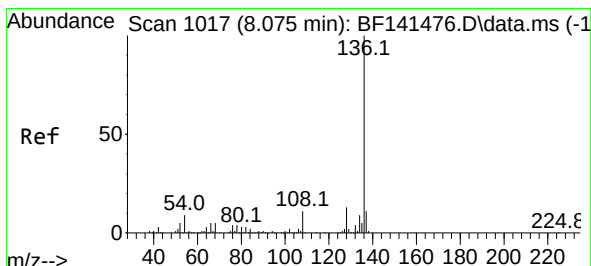
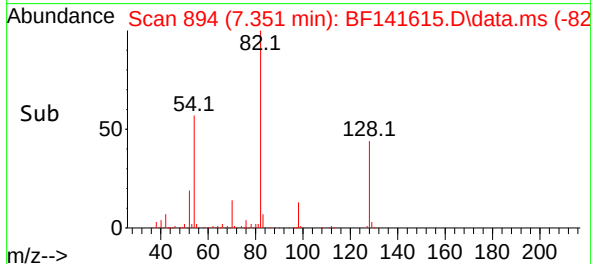
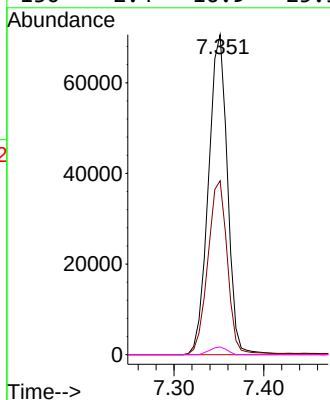
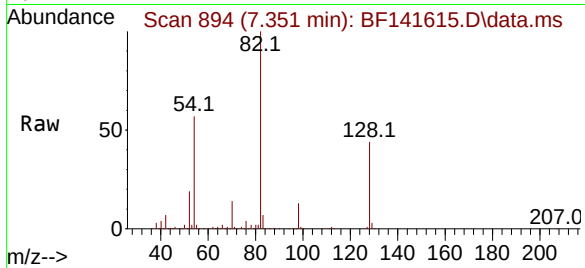




#19
n-Nitroso-di-n-propylamine
Concen: 22.324 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

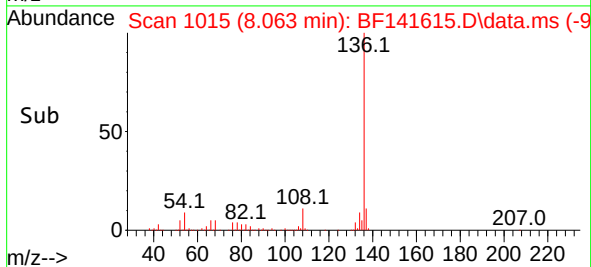
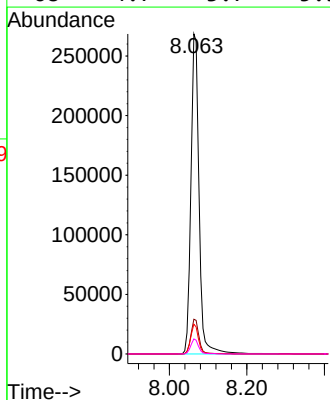
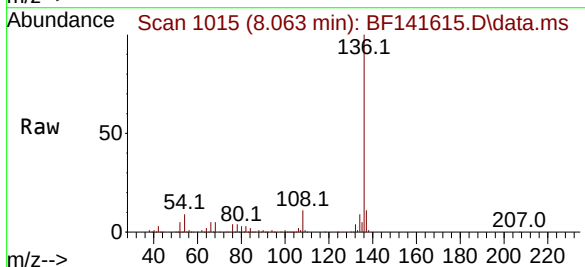
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

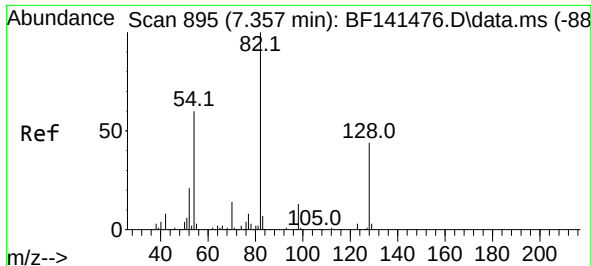
Tgt Ion: 70 Resp: 103878
Ion Ratio Lower Upper
70 100
42 54.3 57.4 86.2#
101 0.0 8.0 12.0#
130 2.4 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion: 136 Resp: 391387
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.3 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 103.695 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141615.D

Acq: 13 Feb 2025 15:30

Instrument :

BNA_F

ClientSampleId :

CARBON-FB

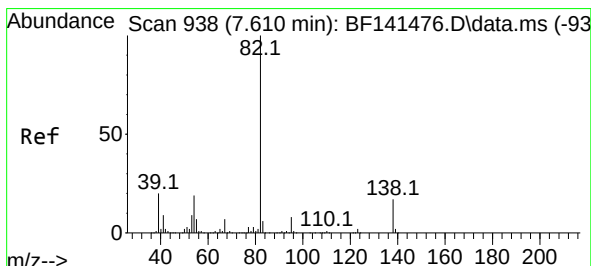
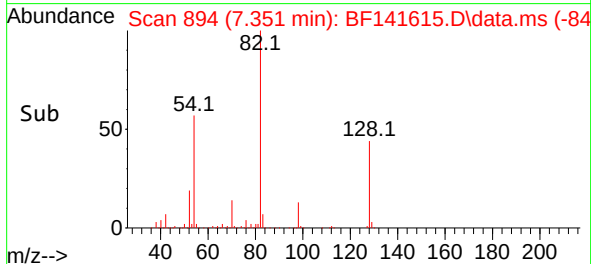
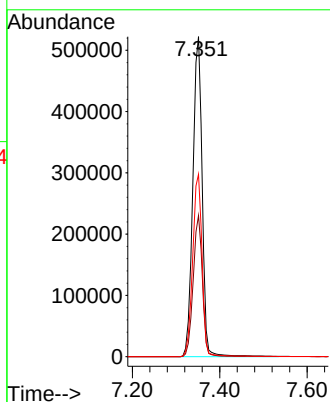
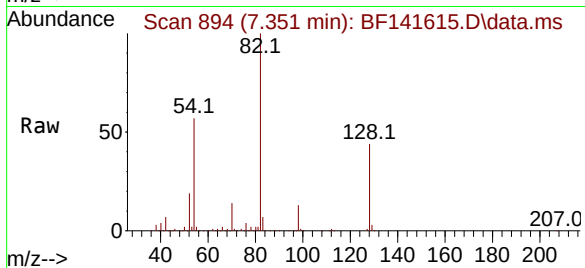
Tgt Ion: 82 Resp: 778108

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 57.0 48.2 72.4



#25

Isophorone

Concen: 63.960 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.270 min

Lab File: BF141615.D

Acq: 13 Feb 2025 15:30

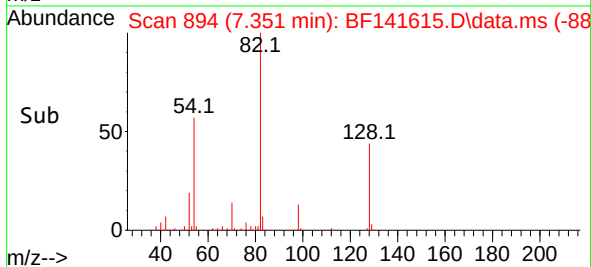
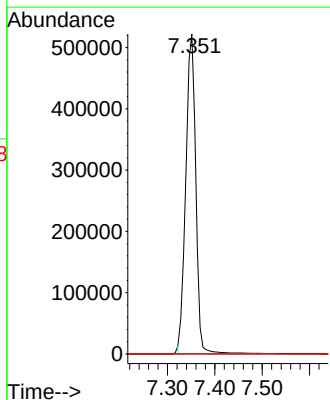
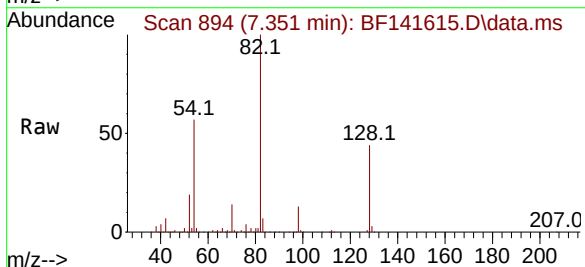
Tgt Ion: 82 Resp: 765262

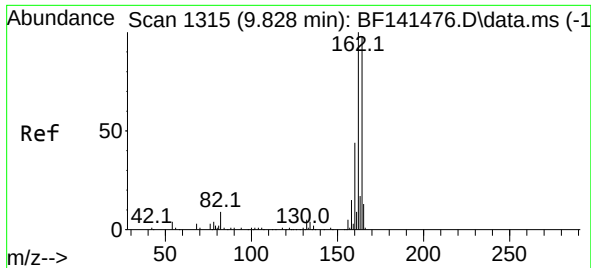
Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 13.9 20.9#

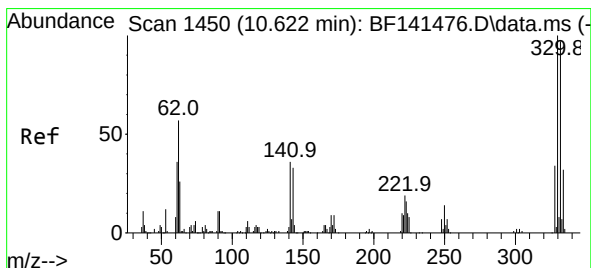
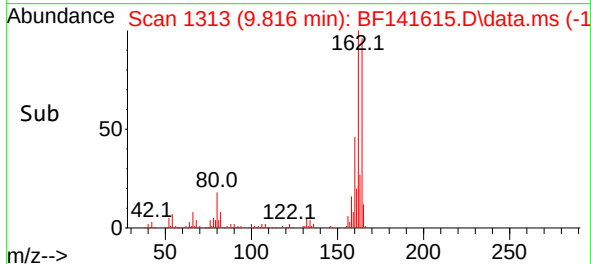
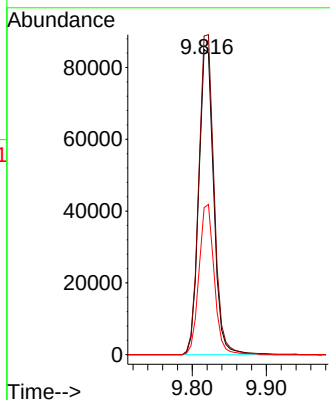
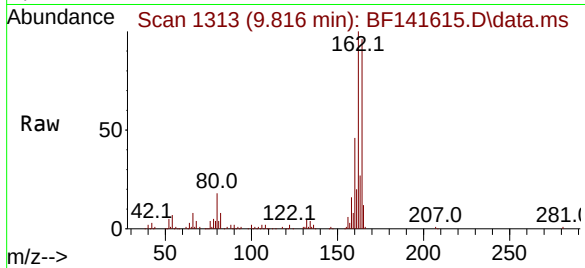




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

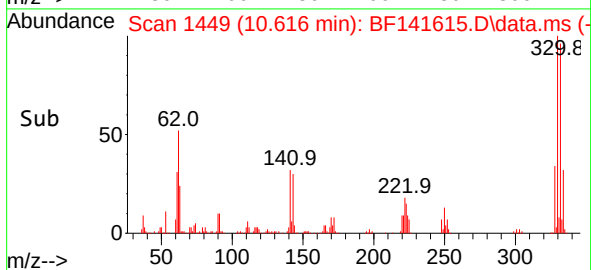
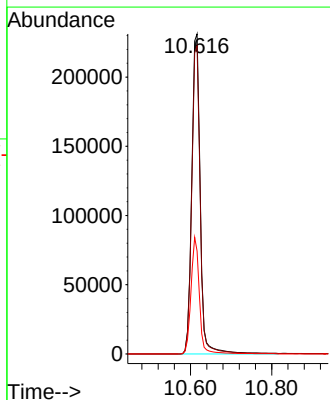
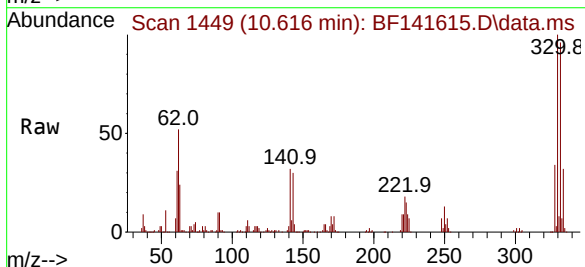
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

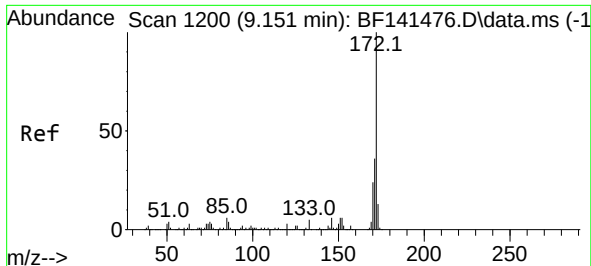
Tgt Ion:164 Resp: 119804
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 48.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 280.105 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion:330 Resp: 337102
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 35.9 31.0 46.4

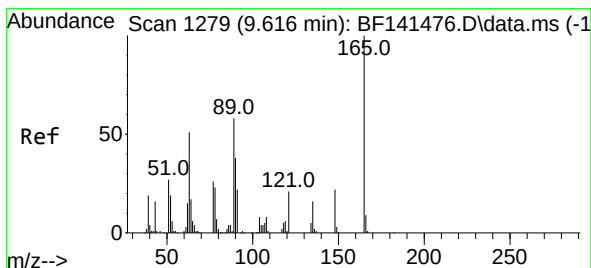
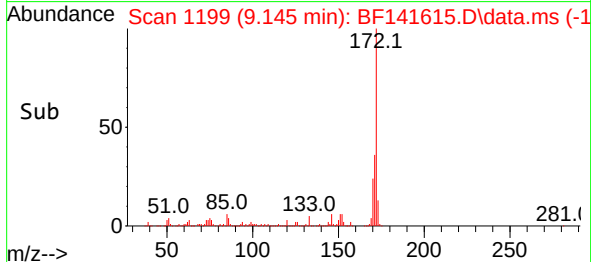
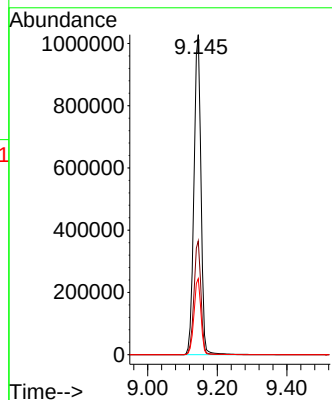
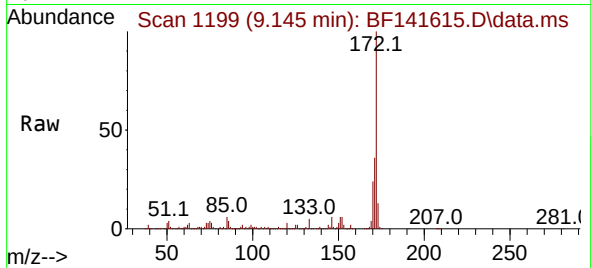




#45
2-Fluorobiphenyl
Concen: 185.673 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

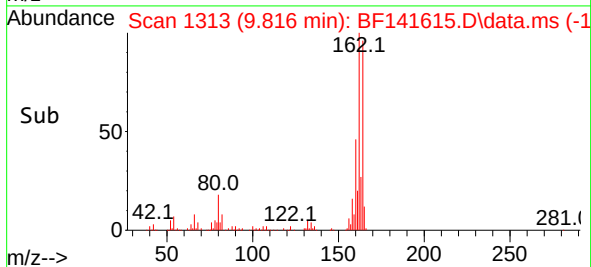
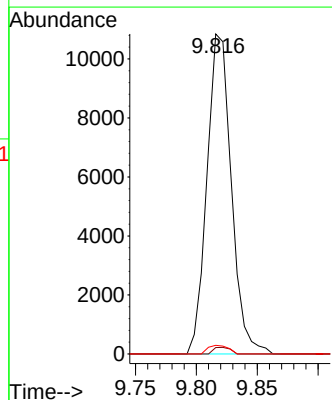
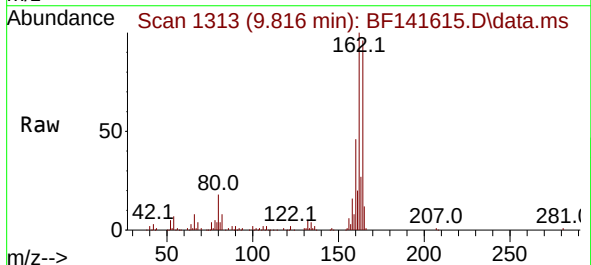
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

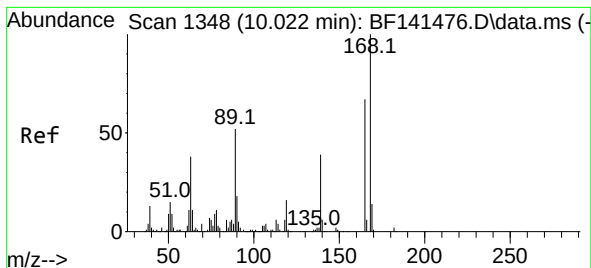
Tgt Ion:172 Resp: 1443835
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.7 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.515 ng
RT: 9.816 min Scan# 1313
Delta R.T. 0.194 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

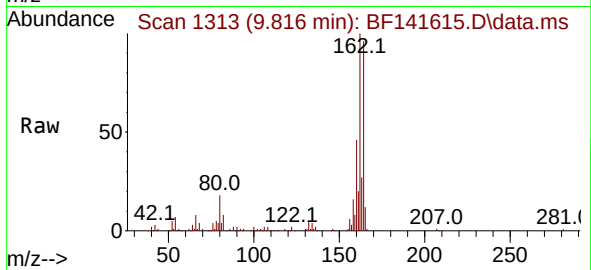
Tgt Ion:165 Resp: 15139
Ion Ratio Lower Upper
165 100
63 2.0 49.4 74.0#
89 2.7 46.5 69.7#



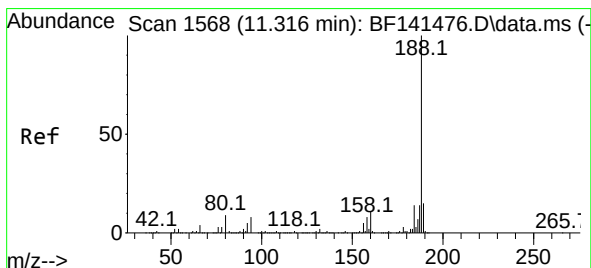
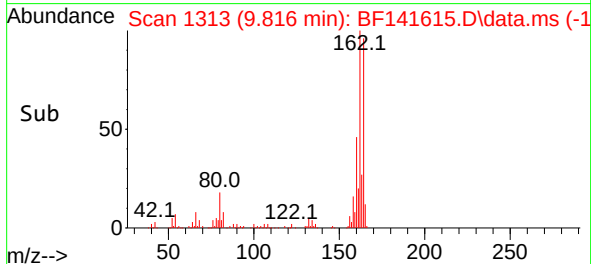
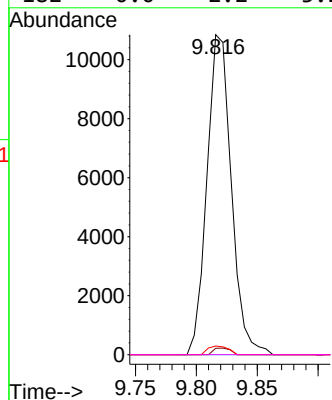


#57
2,4-Dinitrotoluene
Concen: 6.396 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Instrument :
BNA_F
ClientSampleId :
CARBON-FB

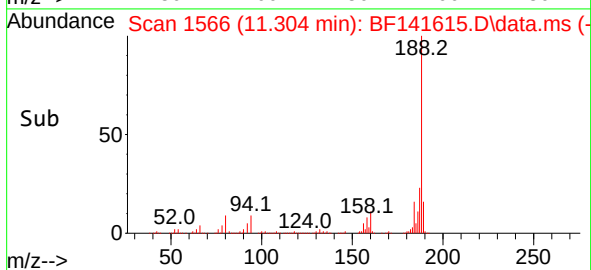
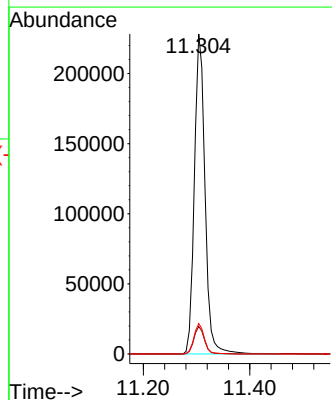
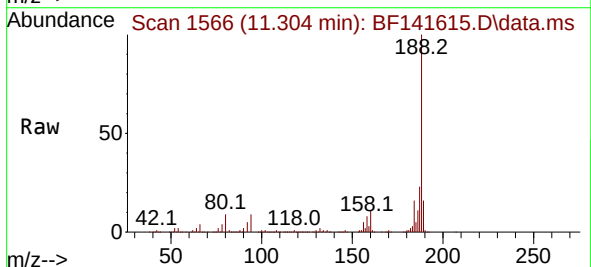


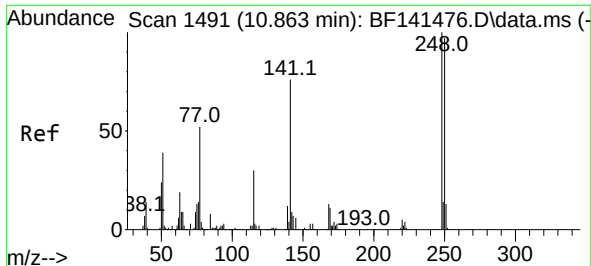
Tgt Ion:165 Resp: 15139
Ion Ratio Lower Upper
165 100
63 2.0 46.4 69.6#
89 2.7 61.8 92.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion:188 Resp: 316585
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.5 7.3 10.9

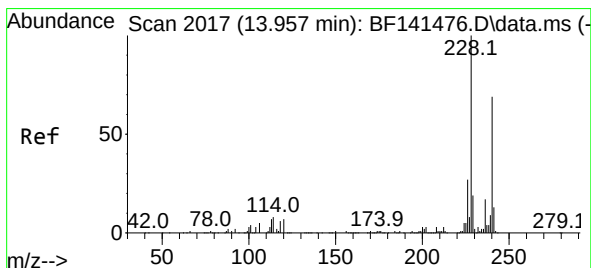
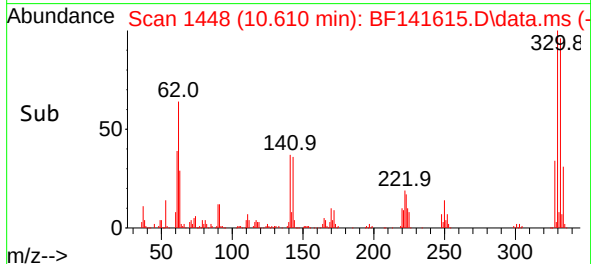
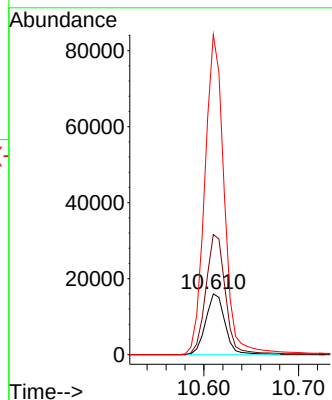
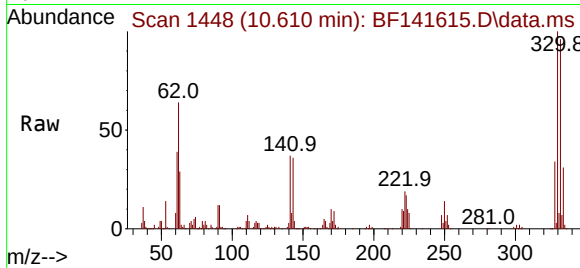




#67
4-Bromophenyl-phenylether
Concen: 6.399 ng
RT: 10.610 min Scan# 1491
Delta R.T. -0.253 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

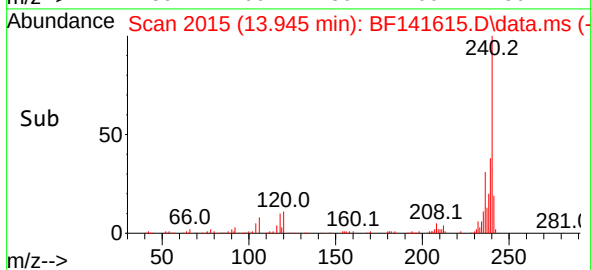
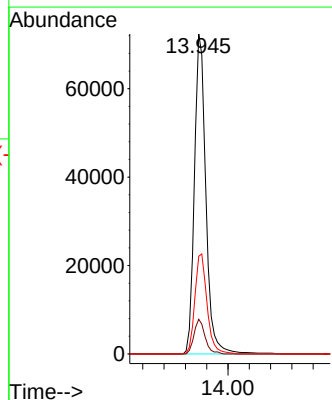
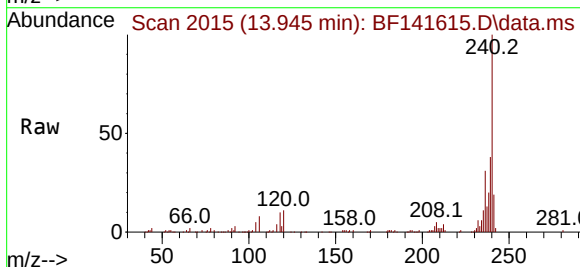
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

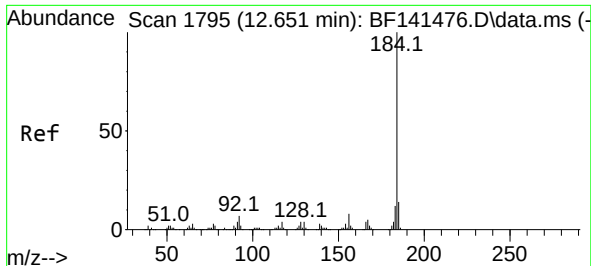
Tgt Ion:248 Resp: 22641
Ion Ratio Lower Upper
248 100
250 197.9 77.8 116.6#
141 526.6 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.017 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion:240 Resp: 108024
Ion Ratio Lower Upper
240 100
120 10.9 8.0 12.0
236 30.6 19.8 29.8#

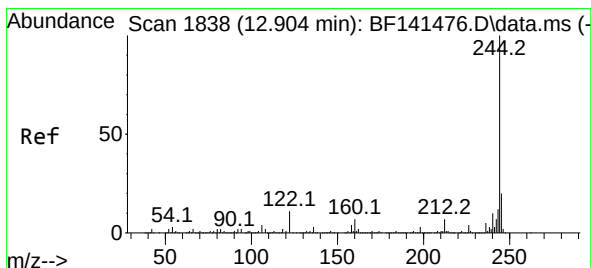
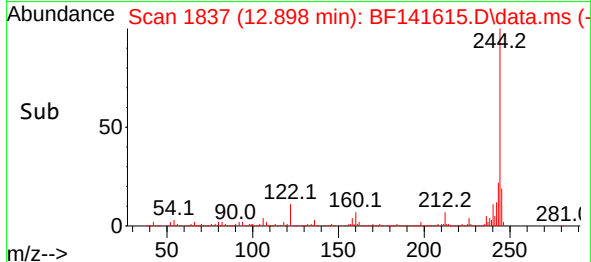
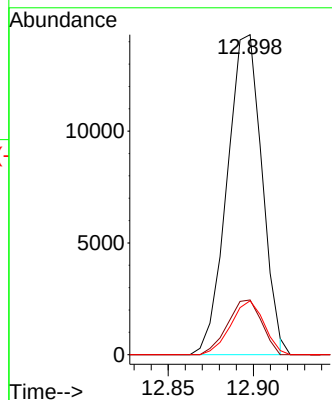
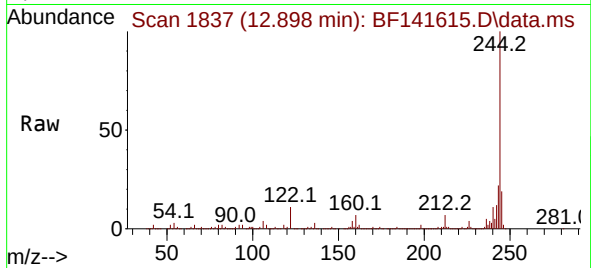




#77
Benzidine
Concen: 8.541 ng
RT: 12.898 min Scan# 1837
Delta R.T. 0.241 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

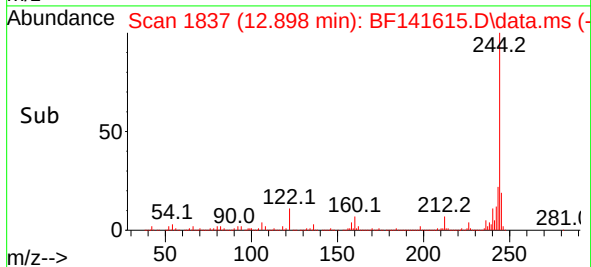
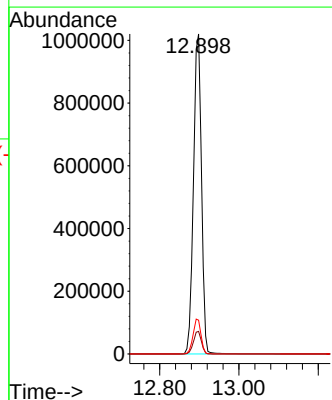
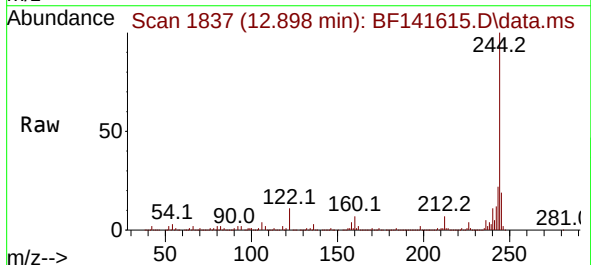
Instrument :
BNA_F
ClientSampleId :
CARBON-FB

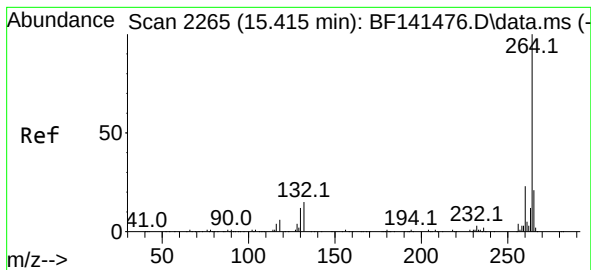
Tgt Ion:184 Resp: 20349
Ion Ratio Lower Upper
184 100
185 17.1 11.3 16.9#
183 16.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 224.047 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141615.D
Acq: 13 Feb 2025 15:30

Tgt Ion:244 Resp: 1433650
Ion Ratio Lower Upper
244 100
212 7.1 5.6 8.4
122 10.5 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: BF141615.D

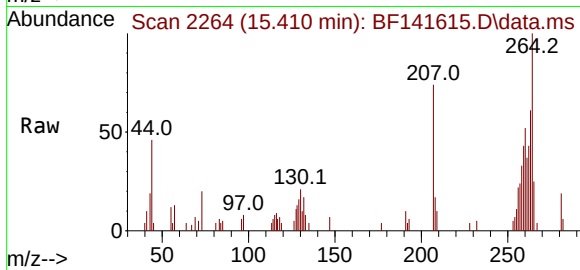
Acq: 13 Feb 2025 15:30

Instrument :

BNA_F

ClientSampleId :

CARBON-FB



Tgt Ion:264 Resp: 8325

Ion Ratio Lower Upper

264 100

260 52.5 18.6 28.0#

265 25.4 17.0 25.4

