

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
 Data File : BF141151.D
 Acq On : 14 Jan 2025 17:46
 Operator : RC/JU
 Sample : Q1069-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW7B-CARBON-20250109

Quant Time: Jan 15 00:12:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

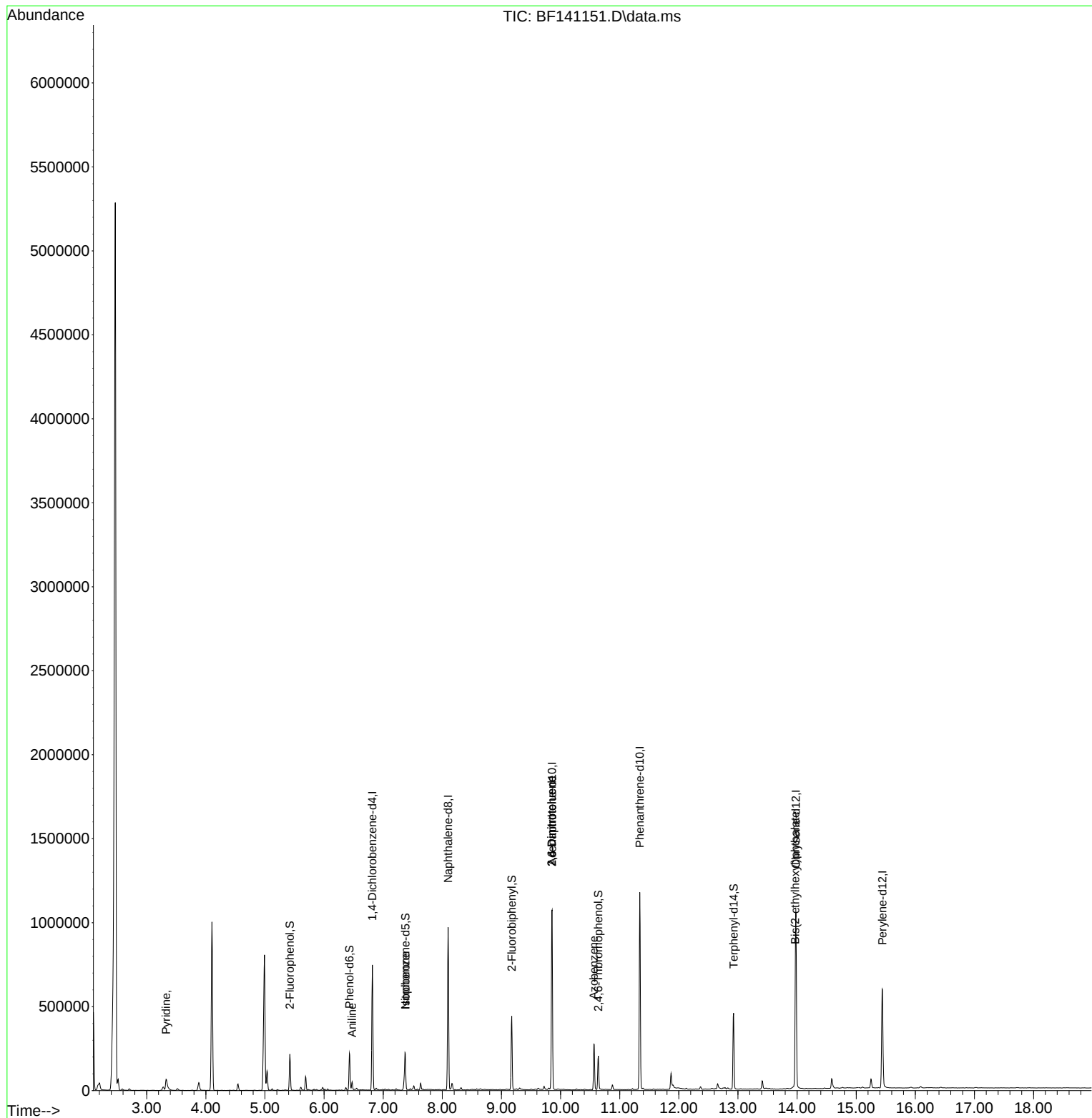
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	154152	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	617753	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	338872	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	581822	20.000	ng	0.00
76) Chrysene-d12	13.980	240	461482	20.000	ng	0.00
86) Perylene-d12	15.445	264	360489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	80815	8.099	ng	0.00
7) Phenol-d6	6.428	99	106348	8.413	ng	-0.02
23) Nitrobenzene-d5	7.375	82	99452	8.534	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	35821	9.277	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	191817	8.644	ng	0.00
79) Terphenyl-d14	12.927	244	227304	7.321	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.328	79	56393	5.175	ng	97
6) Aniline	6.475	93	22988	2.048	ng	98
25) Isophorone	7.375	82	98013	4.921	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	44393	8.391	ng	# 26
57) 2,4-Dinitrotoluene	9.851	165	44393	6.511	ng	# 24
63) Azobenzene	10.563	77	72149	3.292	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.968	149	83683	4.746	ng	99

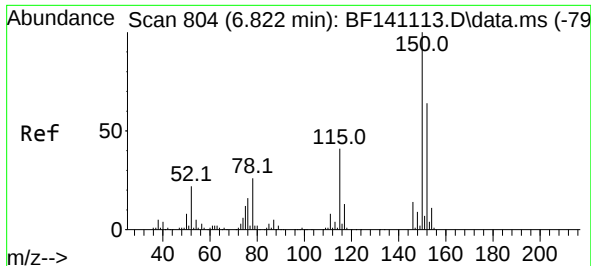
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
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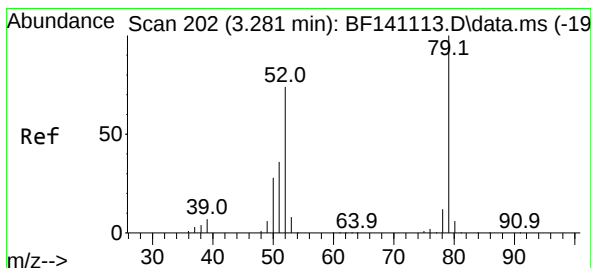
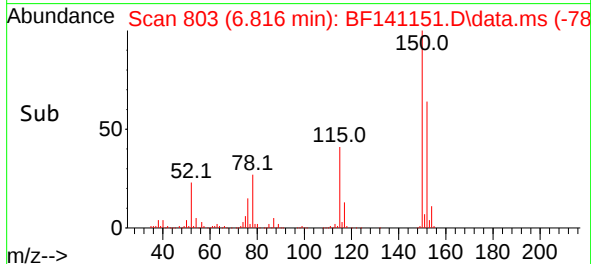
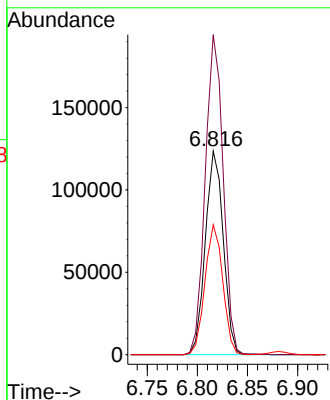
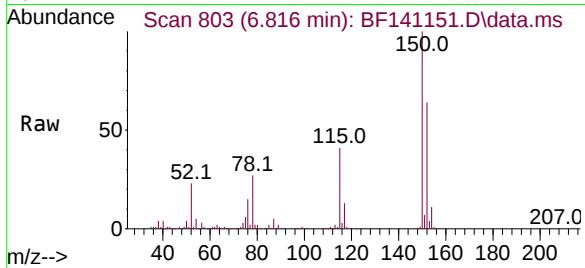




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

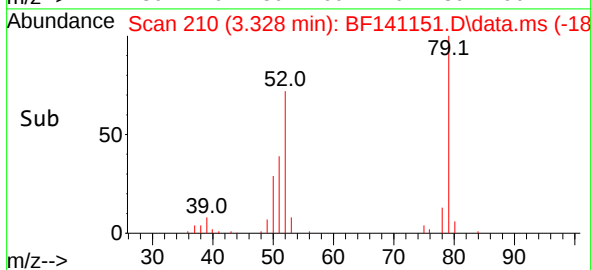
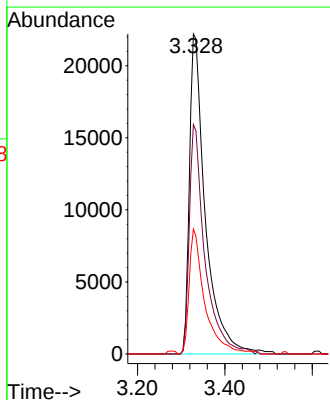
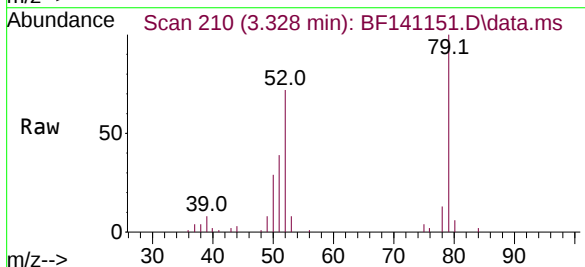
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

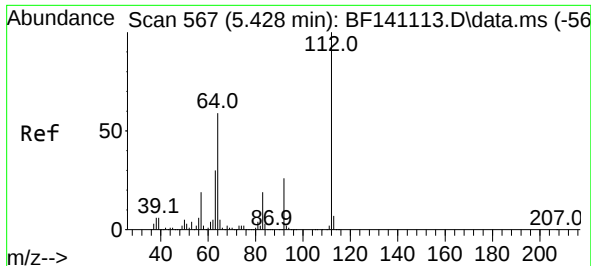
Tgt Ion:152 Resp: 154152
Ion Ratio Lower Upper
152 100
150 157.3 125.8 188.8
115 63.9 51.4 77.2



#3
Pyridine
Concen: 5.175 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 79 Resp: 56393
Ion Ratio Lower Upper
79 100
52 71.7 58.9 88.3
51 39.1 29.1 43.7

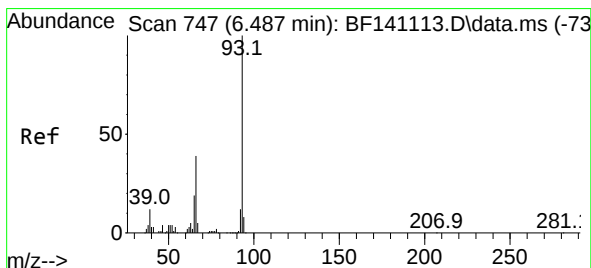
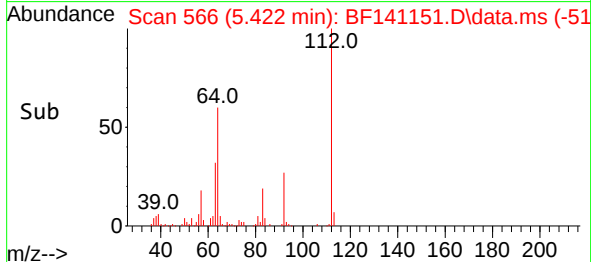
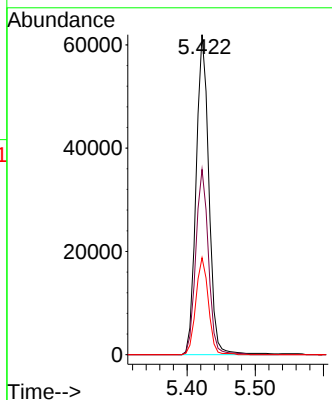
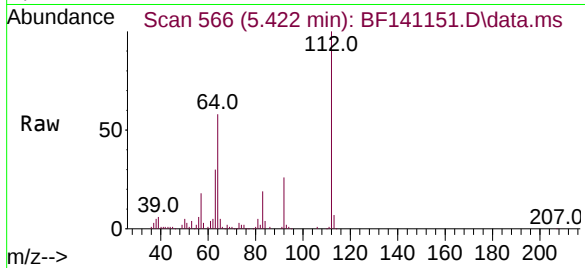




#5
2-Fluorophenol
Concen: 8.099 ng
RT: 5.422 min Scan# 509
Delta R.T. -0.006 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

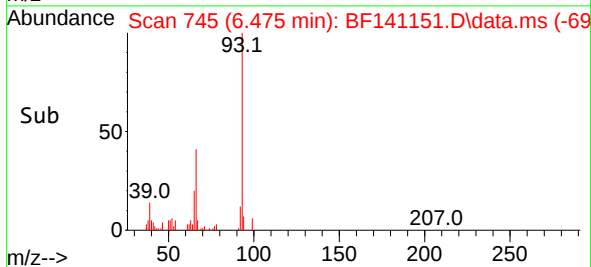
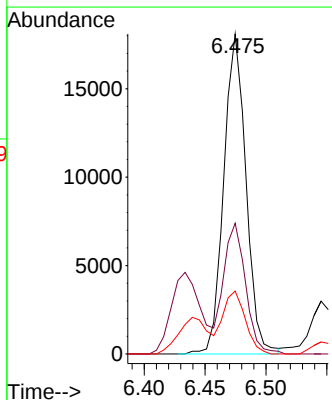
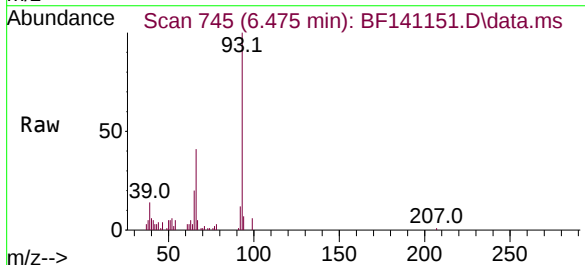
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

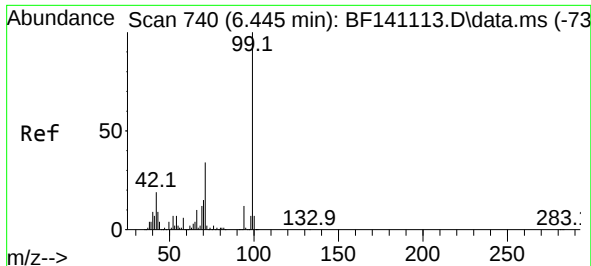
Tgt Ion:112 Resp: 80815
Ion Ratio Lower Upper
112 100
64 57.9 47.3 70.9
63 30.3 24.2 36.2



#6
Aniline
Concen: 2.048 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 93 Resp: 22988
Ion Ratio Lower Upper
93 100
66 40.9 31.5 47.3
65 19.7 15.3 22.9





#7

Phenol-d6

Concen: 8.413 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141151.D

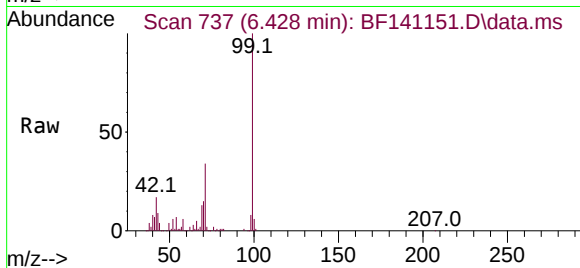
Acq: 14 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109



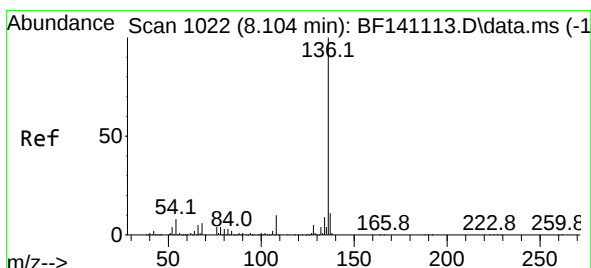
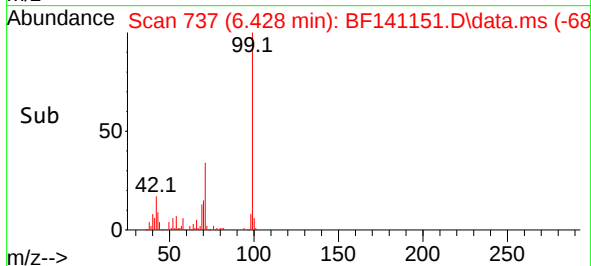
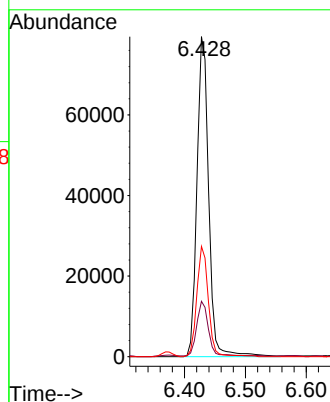
Tgt Ion: 99 Resp: 106348

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

71 34.5 27.6 41.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141151.D

Acq: 14 Jan 2025 17:46

Tgt Ion: 136 Resp: 617753

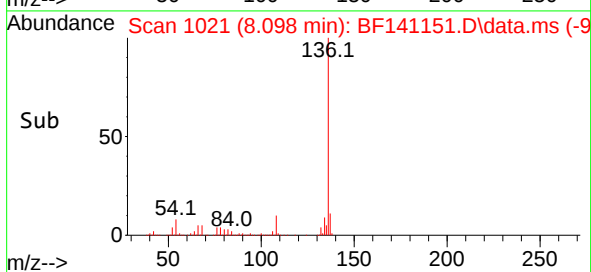
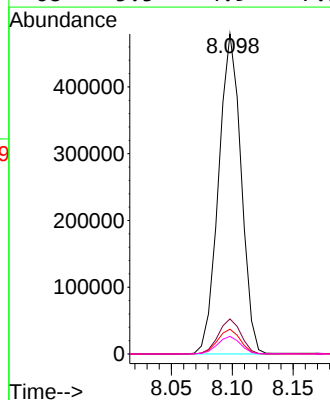
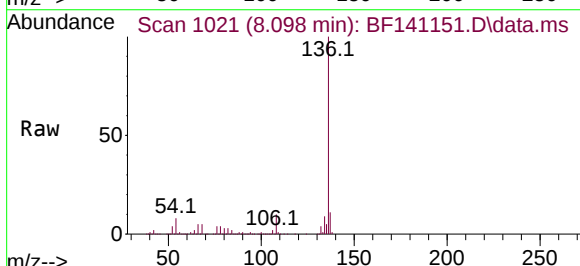
Ion Ratio Lower Upper

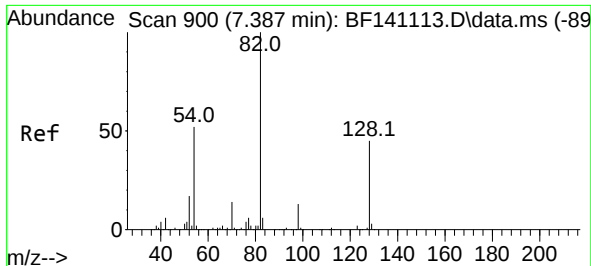
136 100

137 11.0 8.8 13.2

54 7.8 6.3 9.5

68 5.5 4.9 7.3

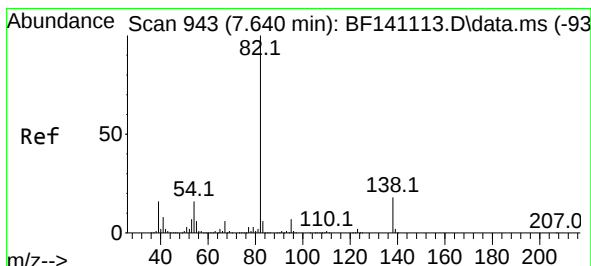
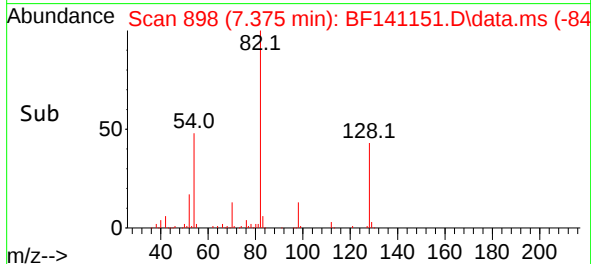
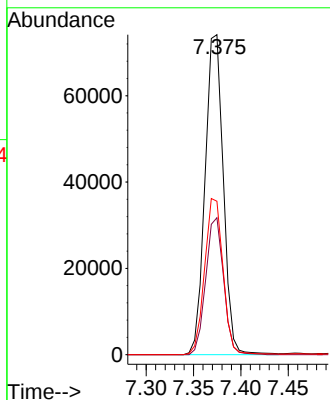
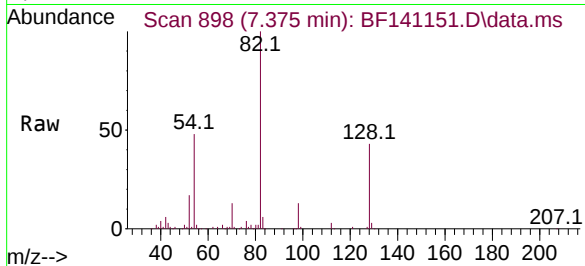




#23
Nitrobenzene-d5
Concen: 8.534 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

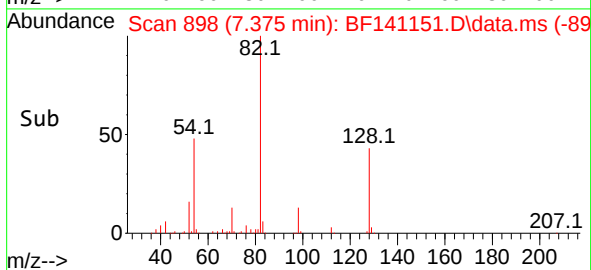
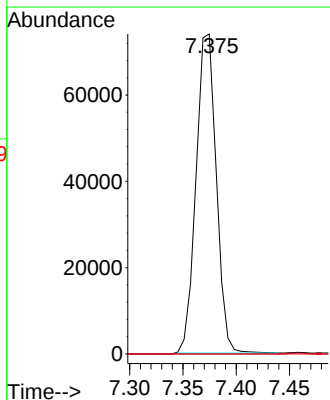
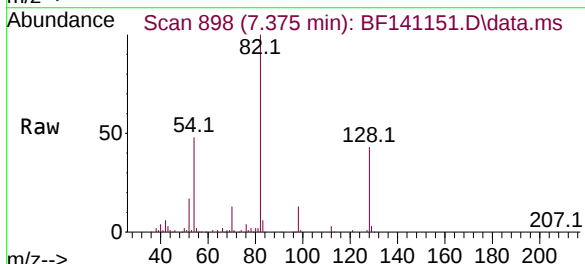
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

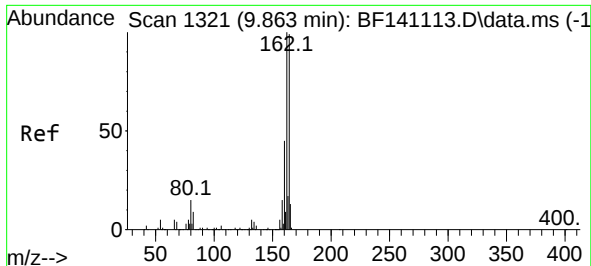
Tgt Ion: 82 Resp: 99452
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 47.9 41.0 61.4



#25
Isophorone
Concen: 4.921 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 82 Resp: 98013
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141151.D

Acq: 14 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109

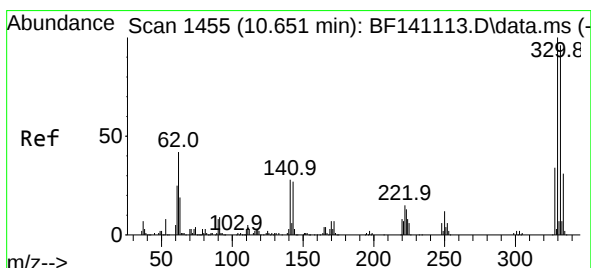
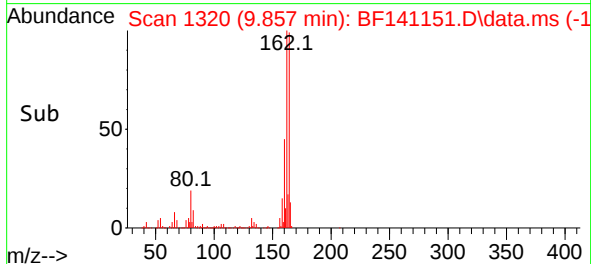
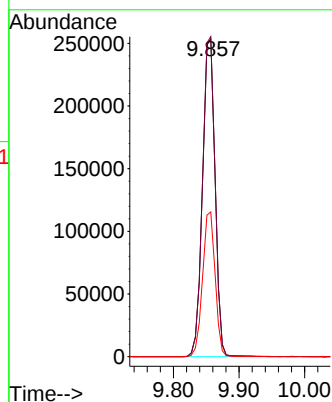
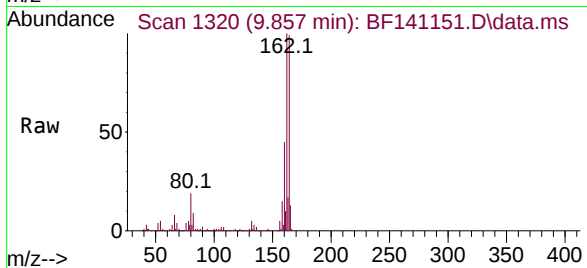
Tgt Ion:164 Resp: 338872

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 45.5 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 9.277 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF141151.D

Acq: 14 Jan 2025 17:46

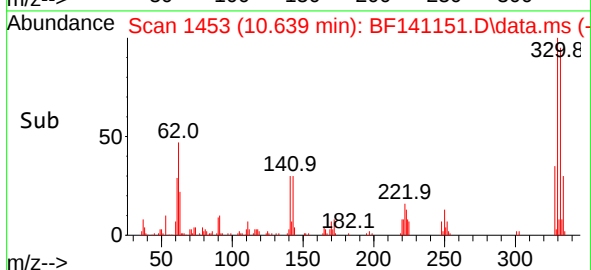
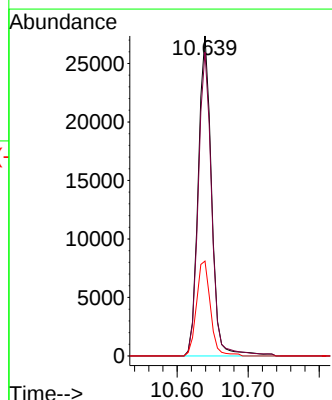
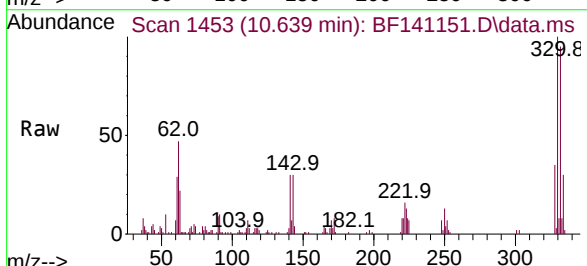
Tgt Ion:330 Resp: 35821

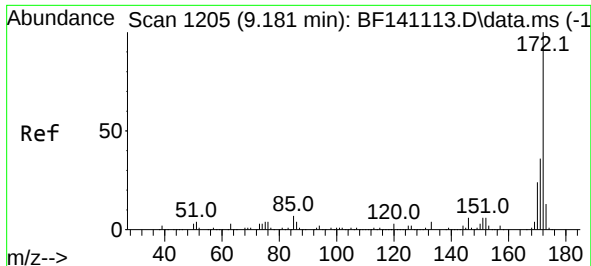
Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 30.9 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 8.644 ng

RT: 9.175 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF141151.D

Acq: 14 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109

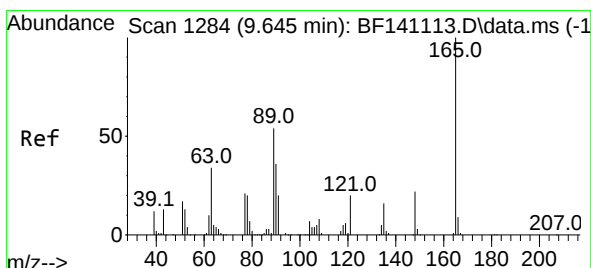
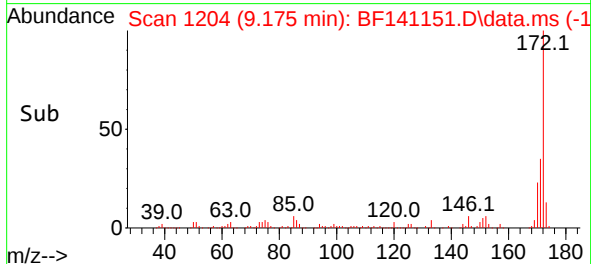
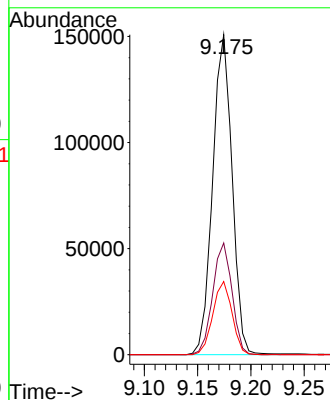
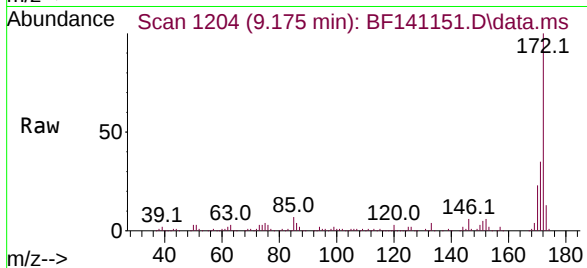
Tgt Ion:172 Resp: 191817

Ion Ratio Lower Upper

172 100

171 34.9 28.7 43.1

170 22.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.391 ng

RT: 9.851 min Scan# 1319

Delta R.T. 0.206 min

Lab File: BF141151.D

Acq: 14 Jan 2025 17:46

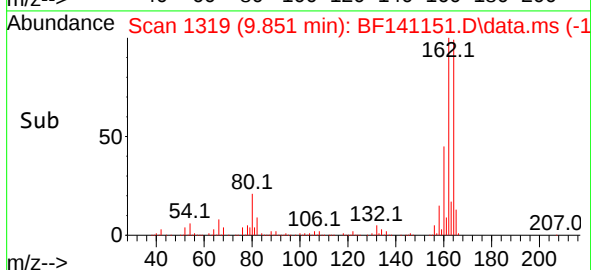
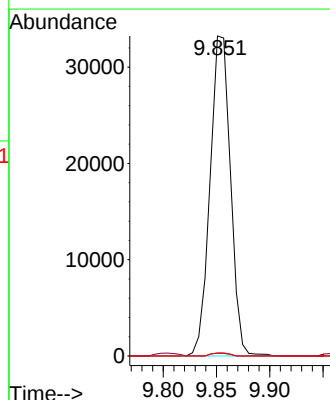
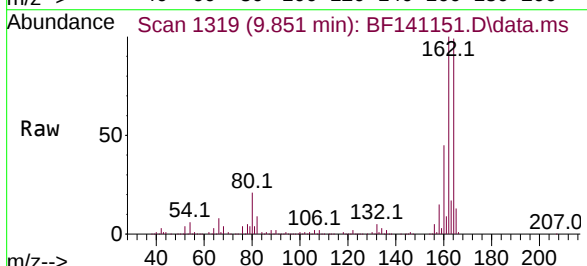
Tgt Ion:165 Resp: 44393

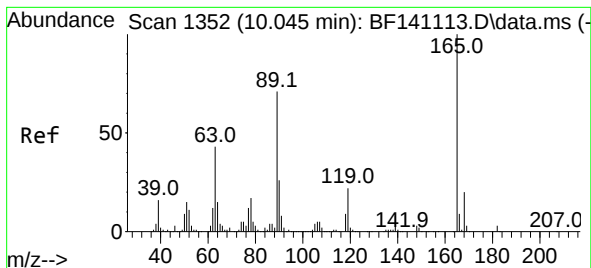
Ion Ratio Lower Upper

165 100

63 0.9 42.3 63.5#

89 1.0 43.1 64.7#

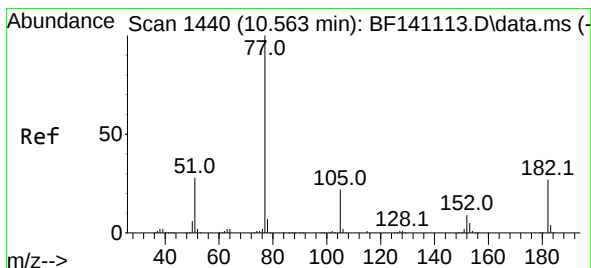
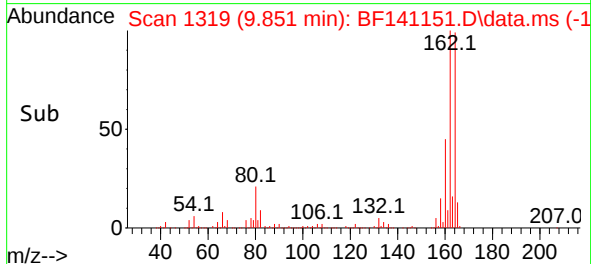
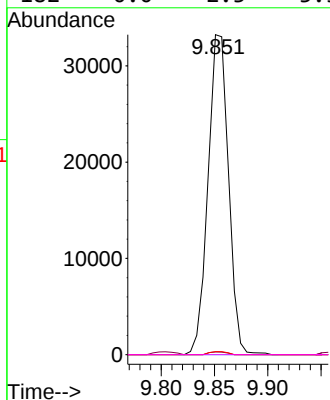
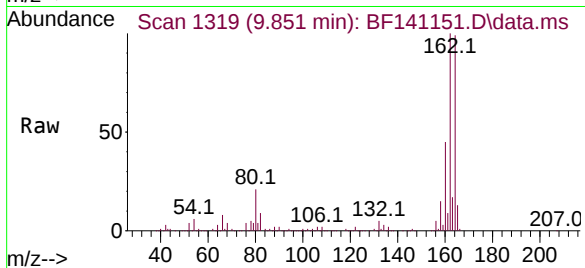




#57
2,4-Dinitrotoluene
Concen: 6.511 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

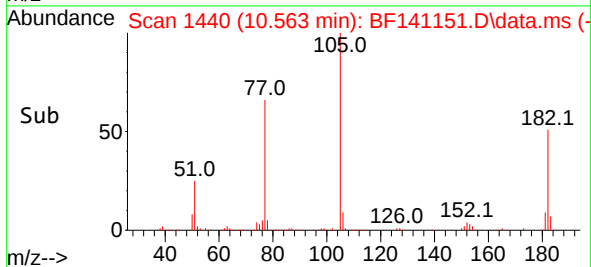
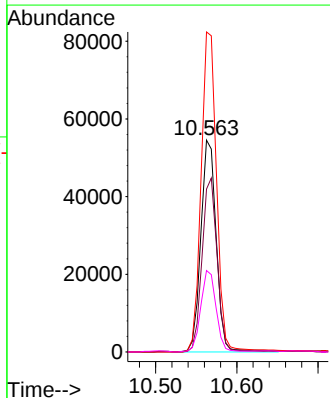
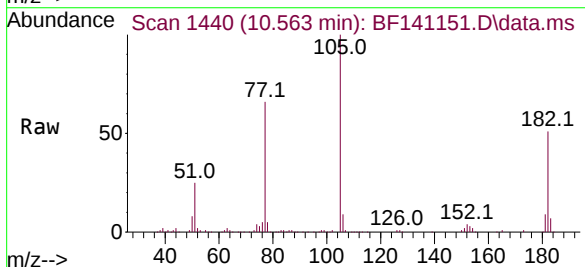
Instrument :
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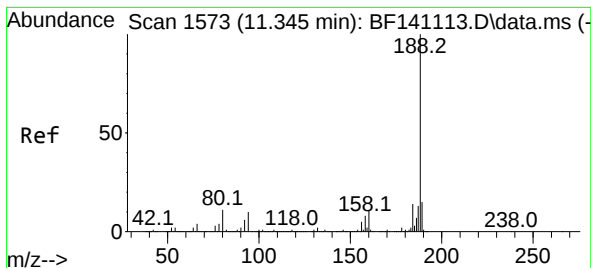
Tgt Ion:165 Resp: 44393
Ion Ratio Lower Upper
165 100
63 0.9 35.0 52.4#
89 1.0 56.7 85.1#
182 0.0 2.3 3.5#



#63
Azobenzene
Concen: 3.292 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF141151.D
Acq: 14 Jan 2025 17:46

Tgt Ion: 77 Resp: 72149
Ion Ratio Lower Upper
77 100
182 76.9 6.1 46.1#
105 151.1 2.1 42.1#
51 38.5 10.0 50.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141151.D

Acq: 14 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109

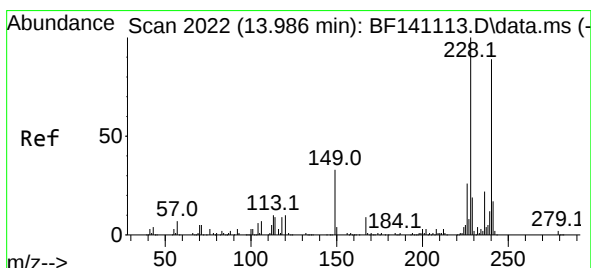
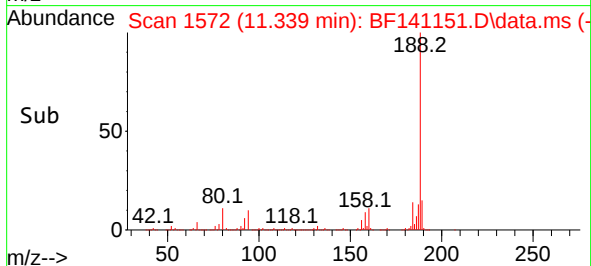
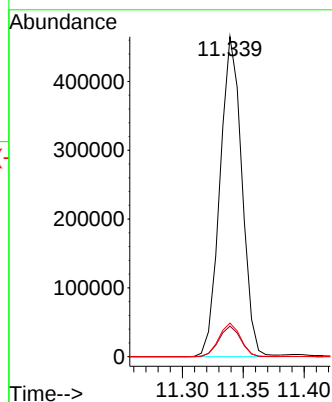
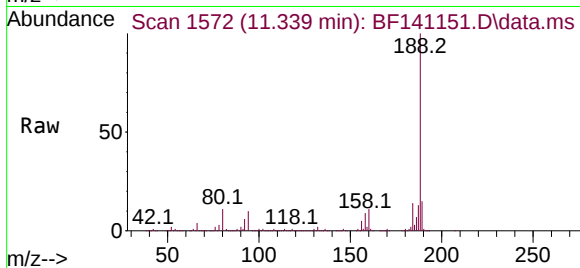
Tgt Ion:188 Resp: 581822

Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF141151.D

Acq: 14 Jan 2025 17:46

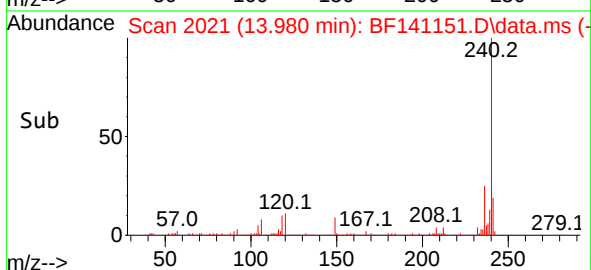
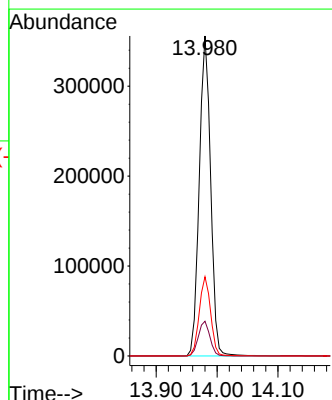
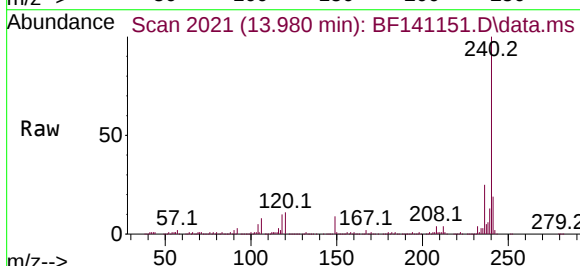
Tgt Ion:240 Resp: 461482

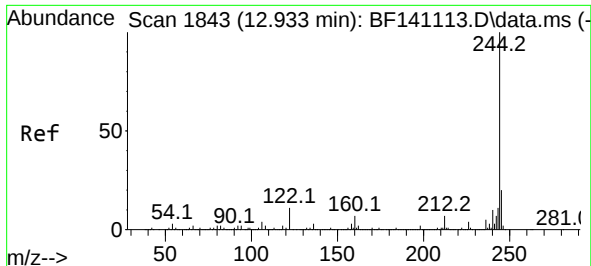
Ion Ratio Lower Upper

240 100

120 10.8 9.1 13.7

236 24.7 19.8 29.6

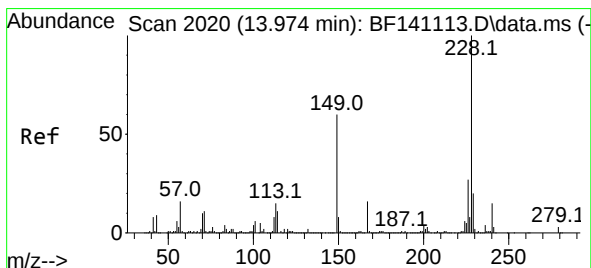
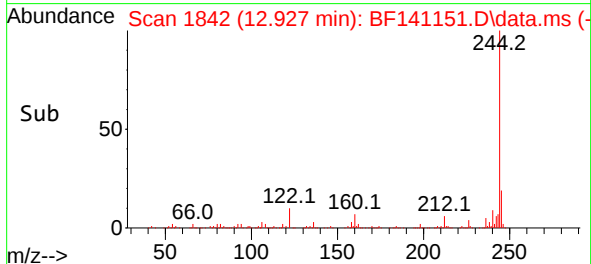
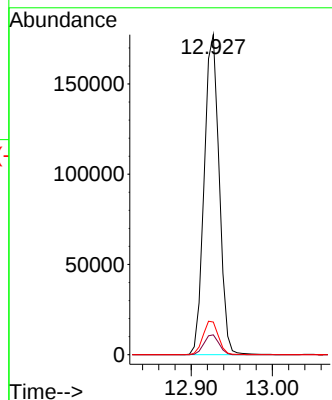
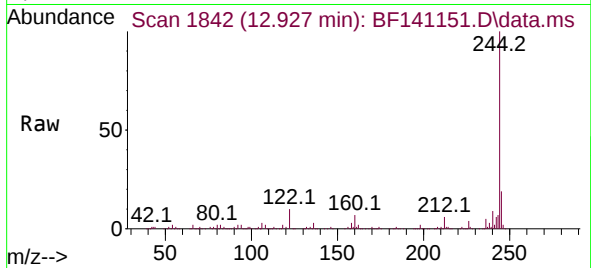




#79
 Terphenyl-d14
 Concen: 7.321 ng
 RT: 12.927 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF141151.D
 Acq: 14 Jan 2025 17:46

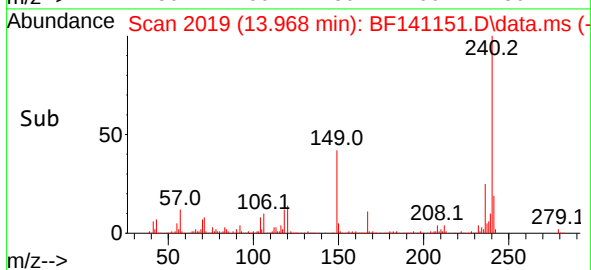
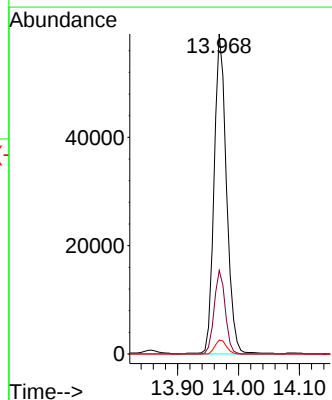
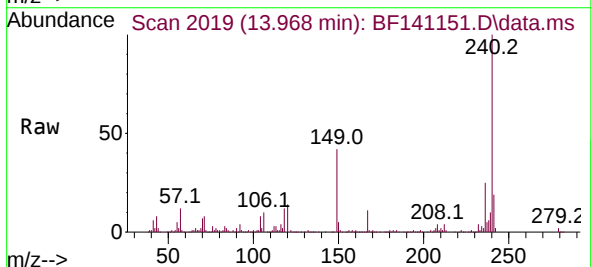
Instrument :
 BNA_F
 ClientSampleId :
 RW7B-CARBON-20250109

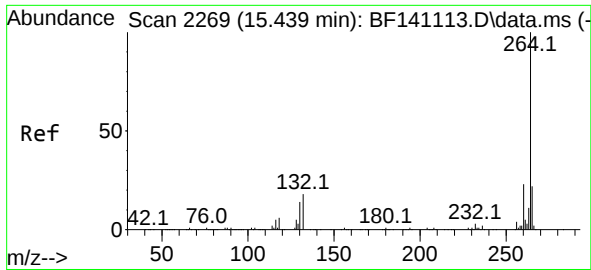
Tgt Ion:244 Resp: 227304
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.2
 122 10.2 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.746 ng
 RT: 13.968 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF141151.D
 Acq: 14 Jan 2025 17:46

Tgt Ion:149 Resp: 83683
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.2
 279 4.4 3.4 5.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141151.D

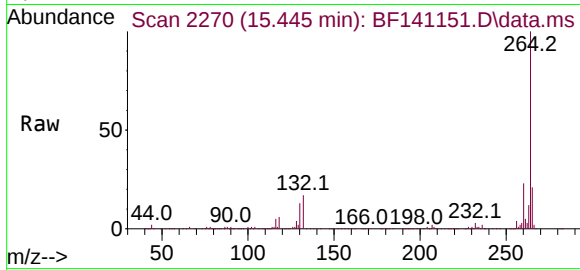
Acq: 14 Jan 2025 17:46

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109



Tgt Ion:264 Resp: 360489

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.1 17.4 26.0

