

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141173.D
 Acq On : 15 Jan 2025 14:13
 Operator : RC/JU
 Sample : Q1069-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW7B-CARBON-20250109

Quant Time: Jan 15 14:34:49 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)

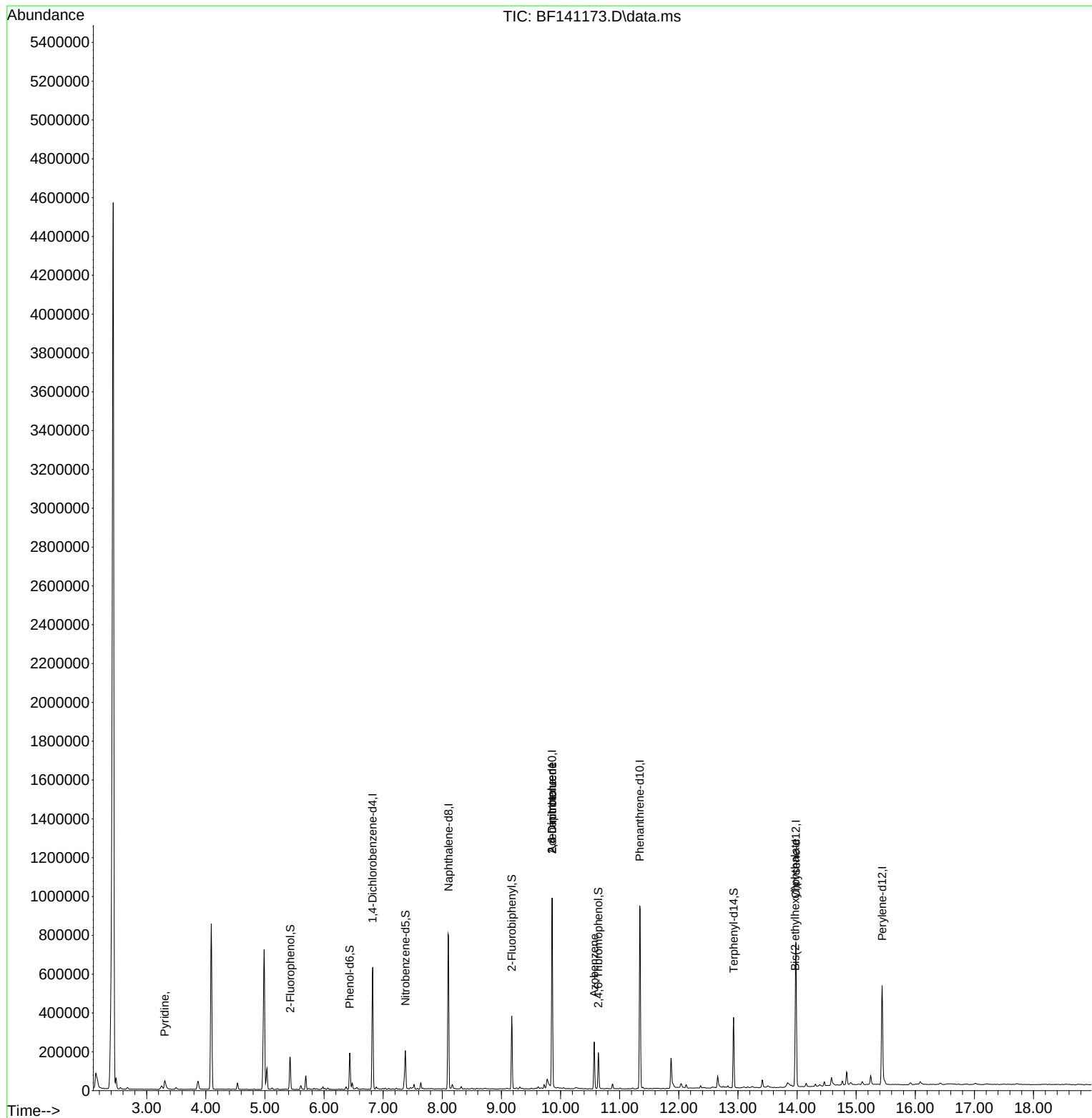
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	131077	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	520865	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	287776	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	491216	20.000	ng	0.00
76) Chrysene-d12	13.980	240	326348	20.000	ng	0.00
86) Perylene-d12	15.439	264	301825	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	66661	7.856	ng	0.00
7) Phenol-d6	6.434	99	87820	8.171	ng	-0.01
23) Nitrobenzene-d5	7.375	82	83781	8.526	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	31725	9.675	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	160676	8.526	ng	0.00
79) Terphenyl-d14	12.927	244	175195	7.979	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.305	79	36219	3.909	ng	97
51) 2,6-Dinitrotoluene	9.857	165	37624	8.375	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	37624	6.498	ng	# 25
63) Azobenzene	10.569	77	60546	3.253	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.969	149	57753	4.632	ng	96

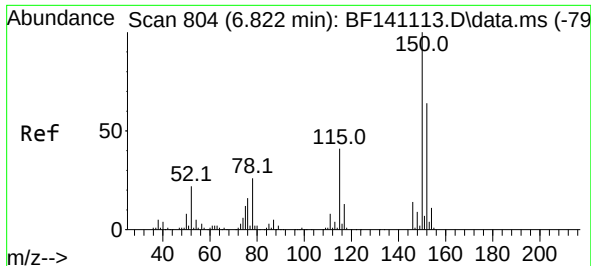
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141173.D
Acq On : 15 Jan 2025 14:13
Operator : RC/JU
Sample : Q1069-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

Quant Time: Jan 15 14:34:49 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

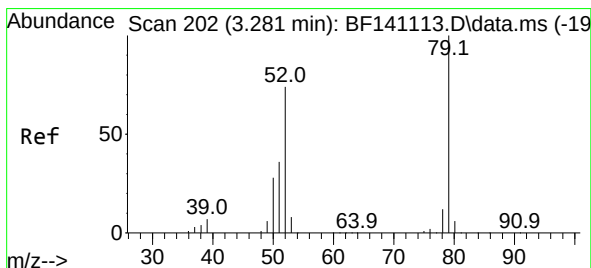
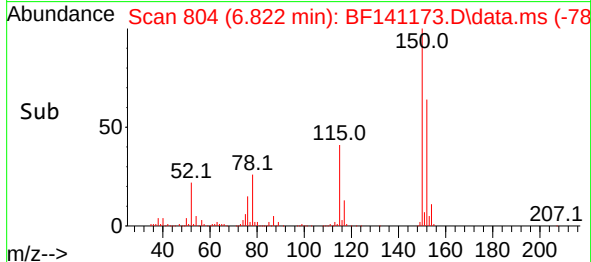
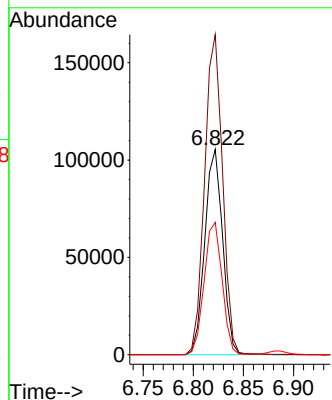
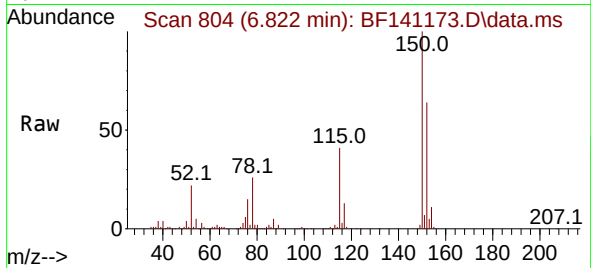




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

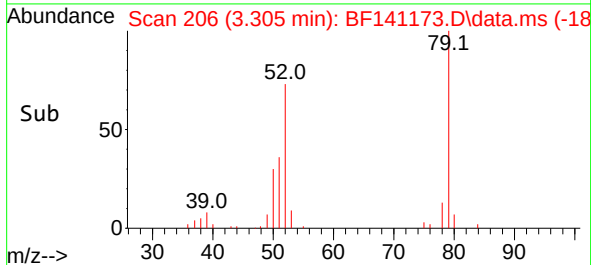
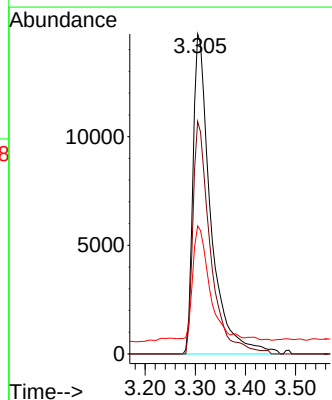
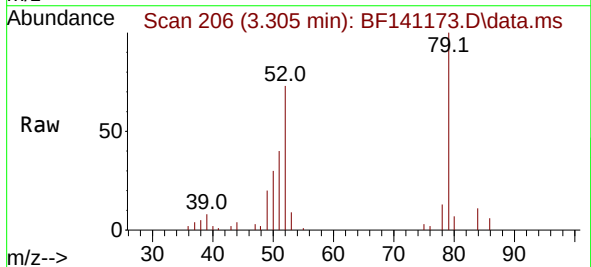
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

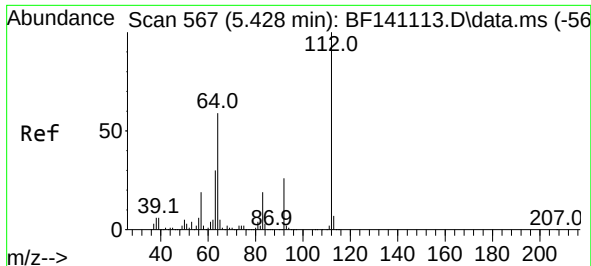
Tgt Ion:152 Resp: 131077
Ion Ratio Lower Upper
152 100
150 155.9 125.8 188.8
115 64.5 51.4 77.2



#3
Pyridine
Concen: 3.909 ng
RT: 3.305 min Scan# 206
Delta R.T. 0.024 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 79 Resp: 36219
Ion Ratio Lower Upper
79 100
52 72.6 58.9 88.3
51 40.0 29.1 43.7

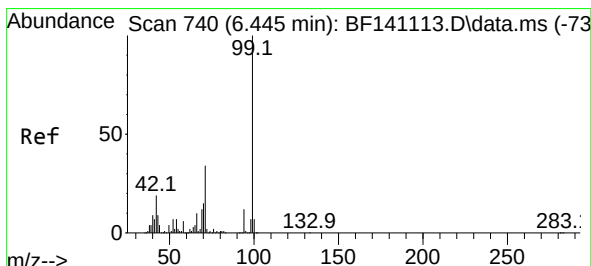
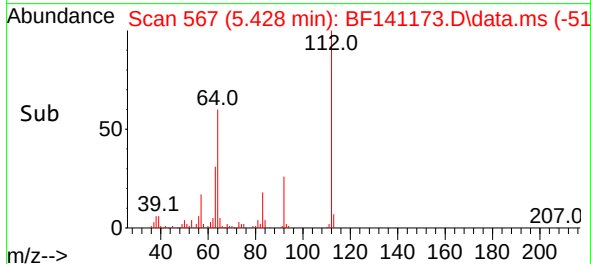
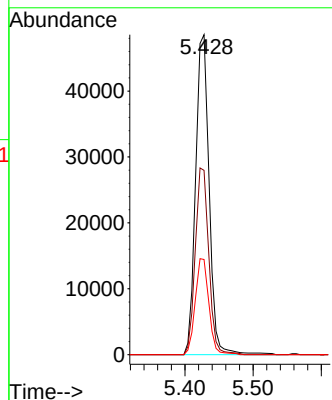
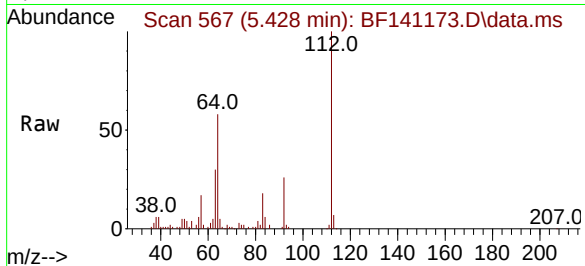




#5
2-Fluorophenol
Concen: 7.856 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

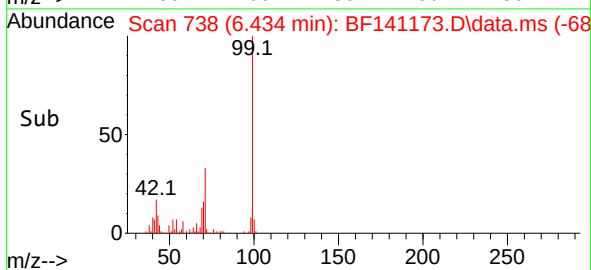
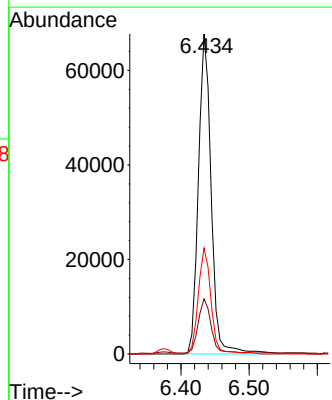
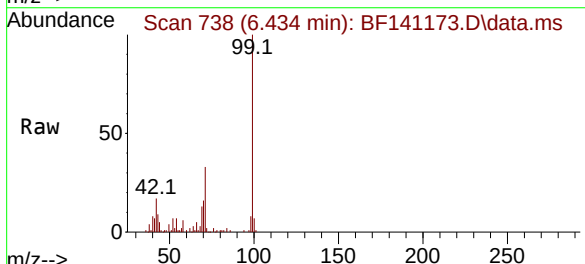
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

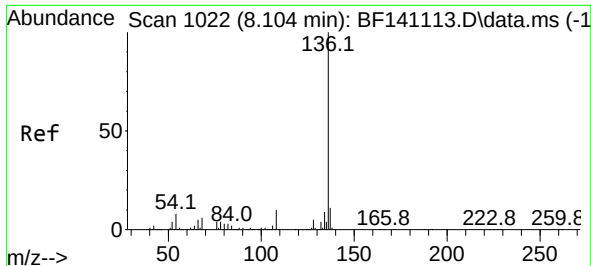
Tgt Ion: 112 Resp: 66661
Ion Ratio Lower Upper
112 100
64 57.6 47.3 70.9
63 29.8 24.2 36.2



#7
Phenol-d6
Concen: 8.171 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 99 Resp: 87820
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.4
71 33.1 27.6 41.4

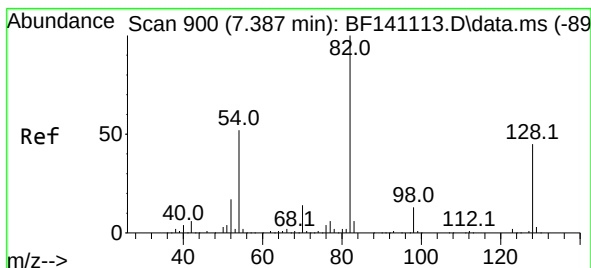
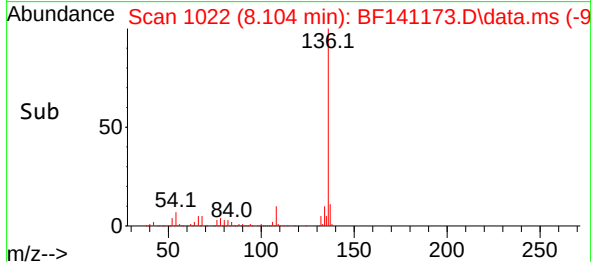
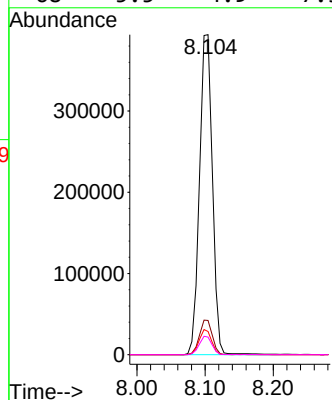
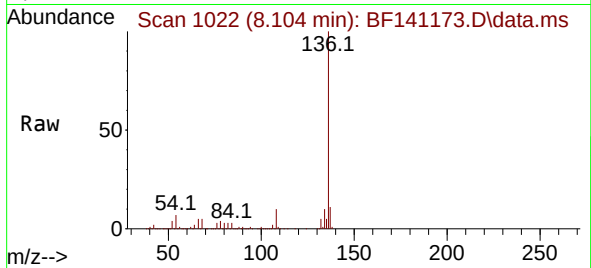




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

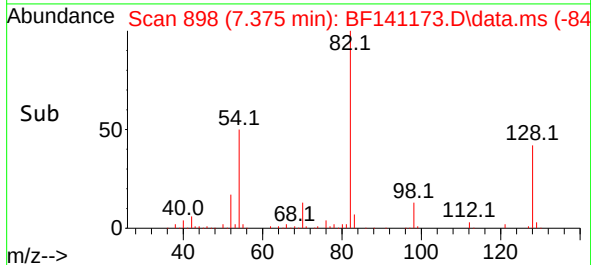
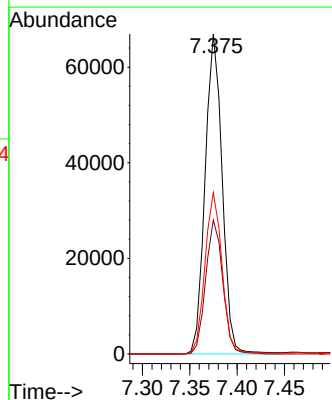
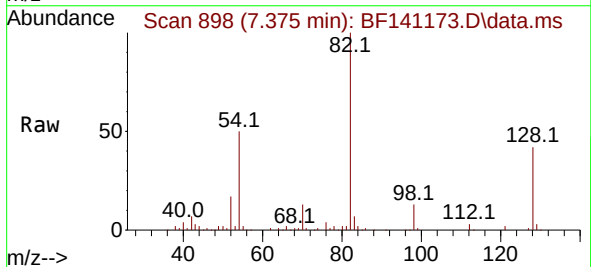
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

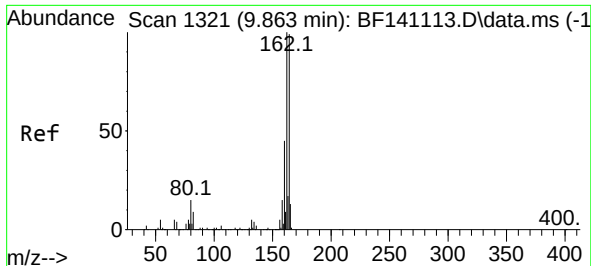
Tgt Ion:	136	Resp:	520865
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.2	6.3	9.5
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 8.526 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

Tgt Ion:	82	Resp:	83781
Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	50.4	41.0	61.4

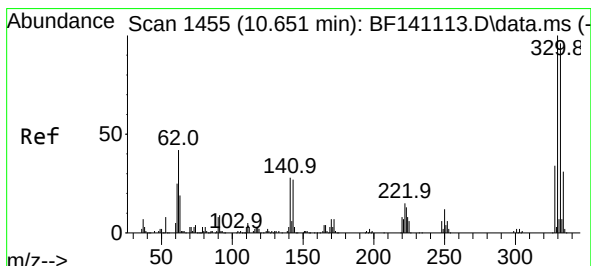
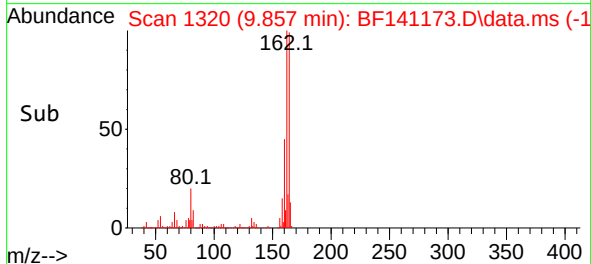
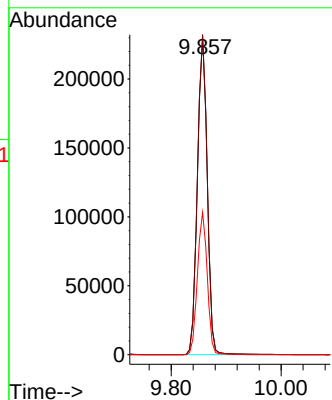
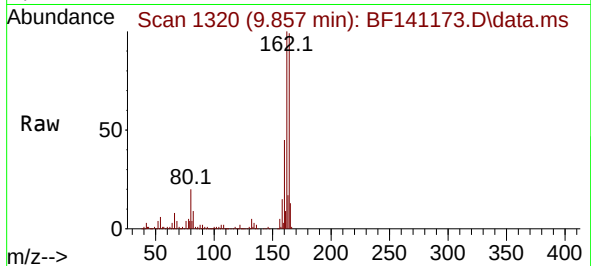




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

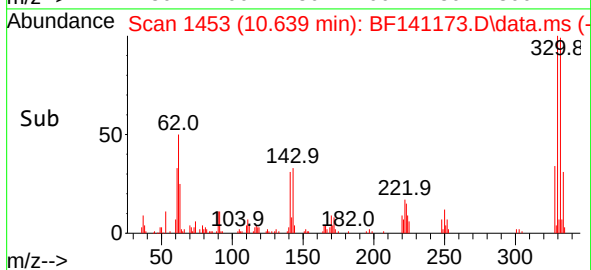
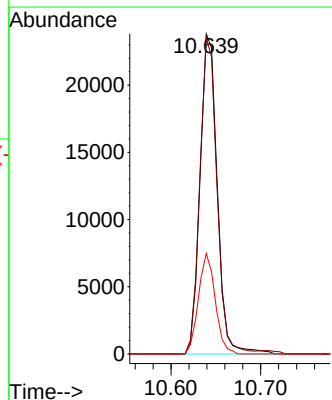
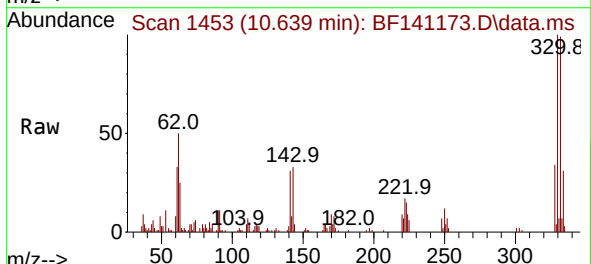
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

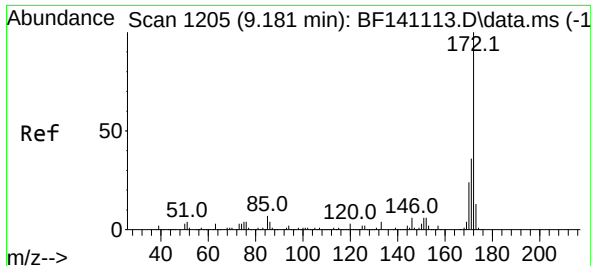
Tgt Ion:164 Resp: 287776
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.8 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 9.675 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

Tgt Ion:330 Resp: 31725
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 30.5 25.2 37.8

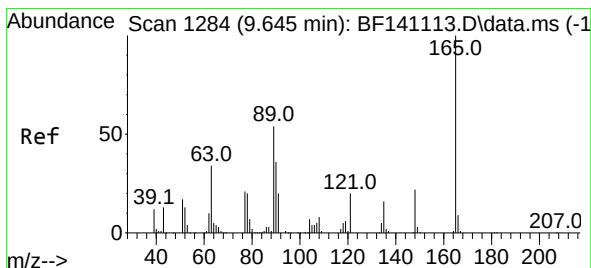
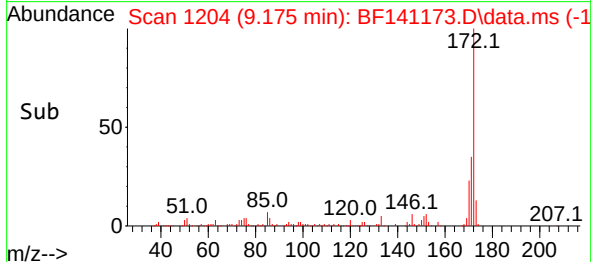
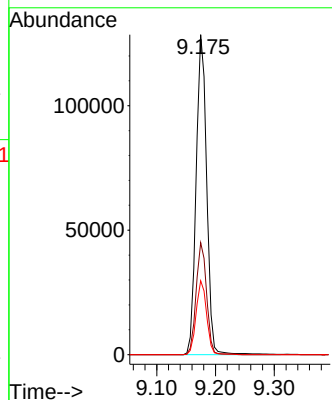
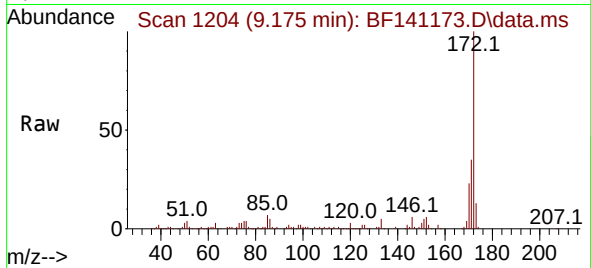




#45
2-Fluorobiphenyl
Concen: 8.526 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

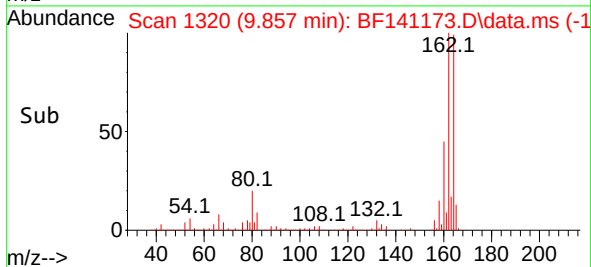
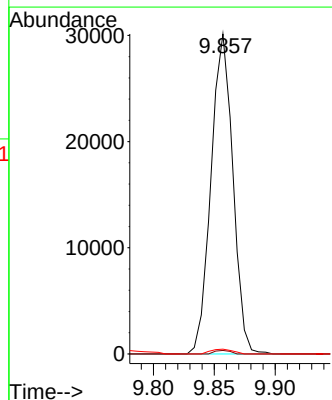
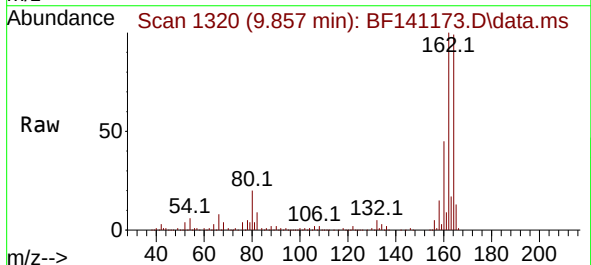
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109

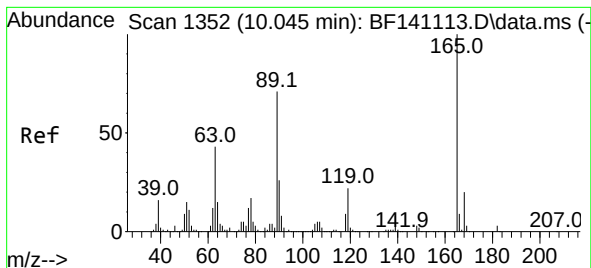
Tgt Ion:172 Resp: 160676
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.375 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

Tgt Ion:165 Resp: 37624
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.5 43.1 64.7#





#57

2,4-Dinitrotoluene

Concen: 6.498 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.188 min

Lab File: BF141173.D

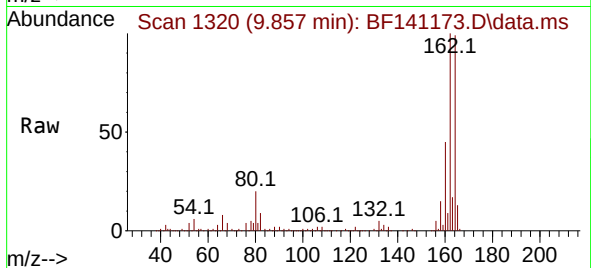
Acq: 15 Jan 2025 14:13

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109



Tgt Ion:165 Resp: 37624

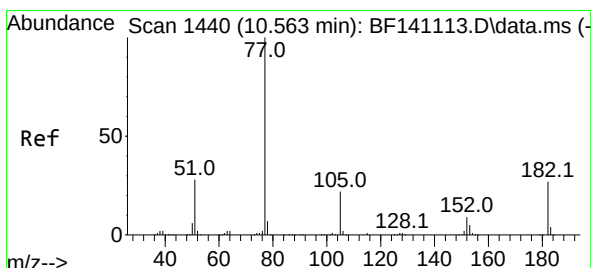
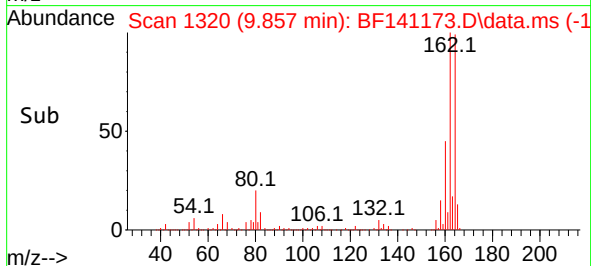
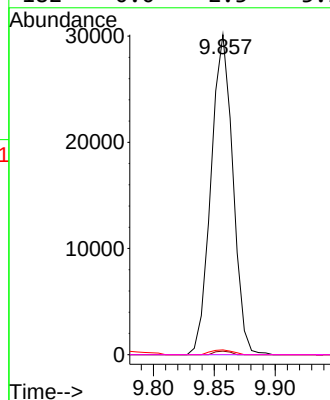
Ion Ratio Lower Upper

165 100

63 1.1 35.0 52.4#

89 1.5 56.7 85.1#

182 0.0 2.3 3.5#



#63

Azobenzene

Concen: 3.253 ng

RT: 10.569 min Scan# 1441

Delta R.T. 0.006 min

Lab File: BF141173.D

Acq: 15 Jan 2025 14:13

Tgt Ion: 77 Resp: 60546

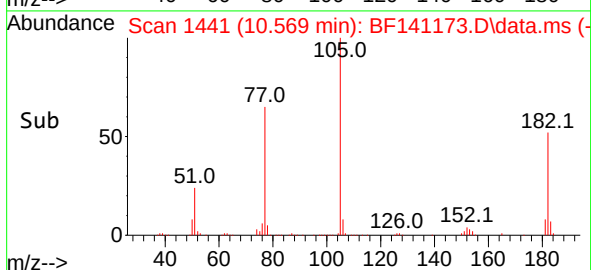
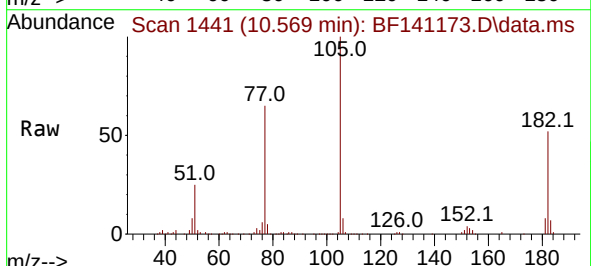
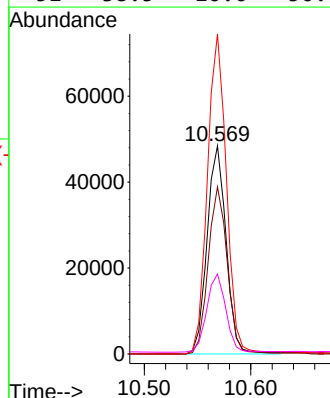
Ion Ratio Lower Upper

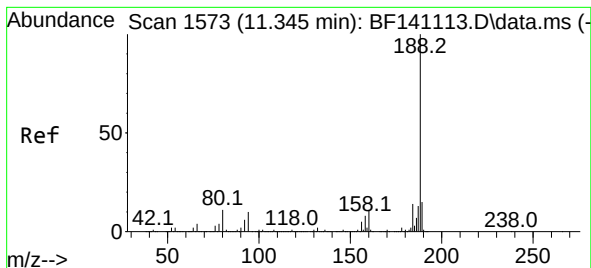
77 100

182 80.3 6.1 46.1#

105 153.7 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: BF141173.D

Acq: 15 Jan 2025 14:13

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109

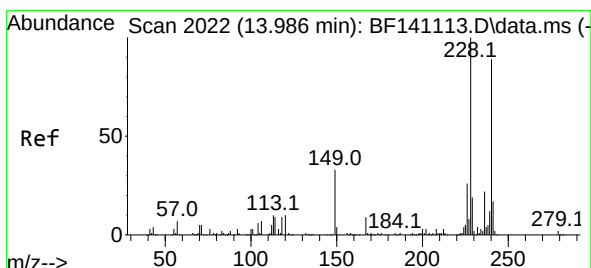
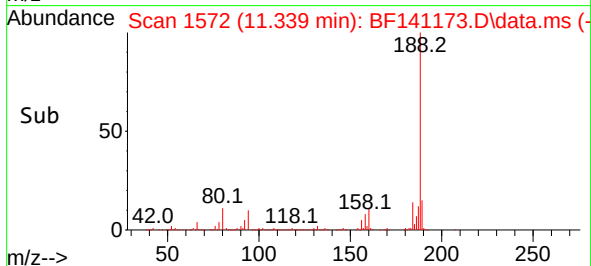
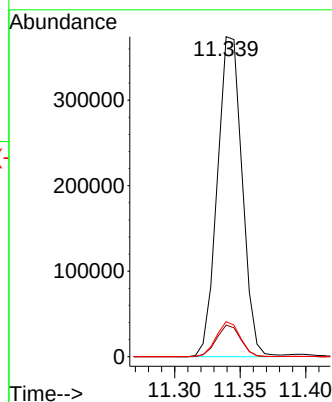
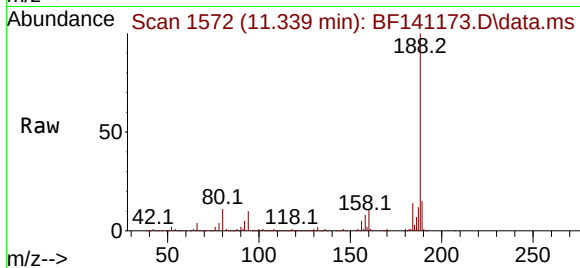
Tgt Ion:188 Resp: 491216

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 11.0 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: BF141173.D

Acq: 15 Jan 2025 14:13

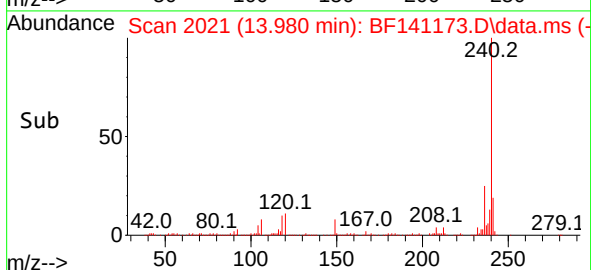
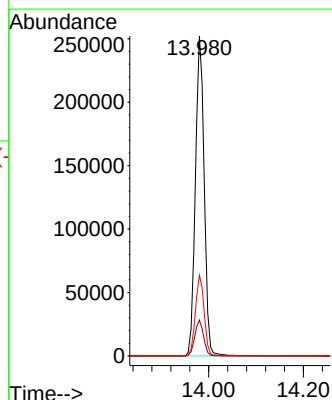
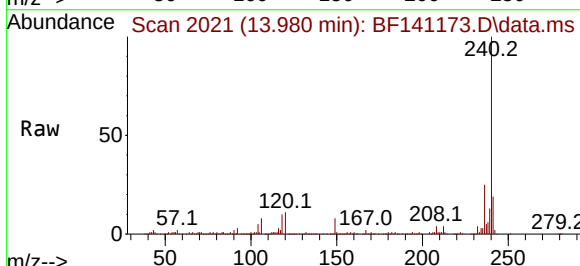
Tgt Ion:240 Resp: 326348

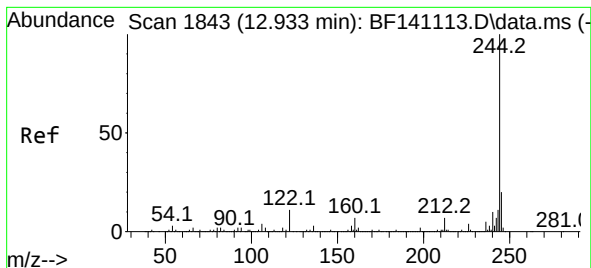
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.2 19.8 29.6





#79

Terphenyl-d14

Concen: 7.979 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF141173.D

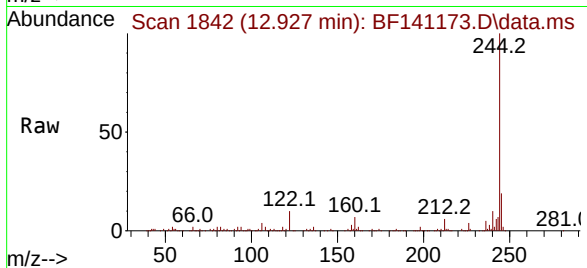
Acq: 15 Jan 2025 14:13

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109



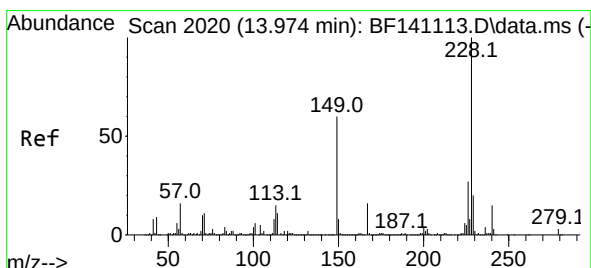
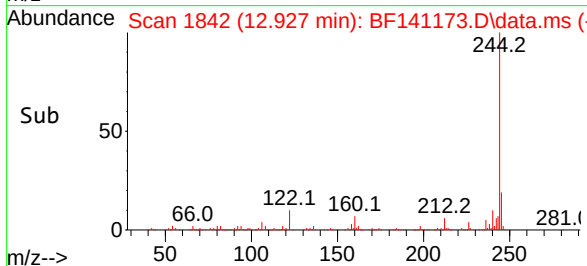
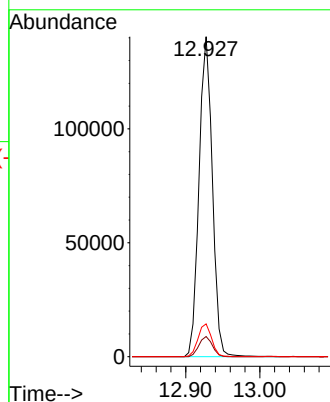
Tgt Ion:244 Resp: 175195

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

122 10.3 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.632 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141173.D

Acq: 15 Jan 2025 14:13

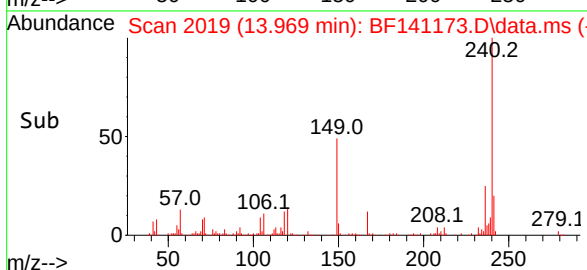
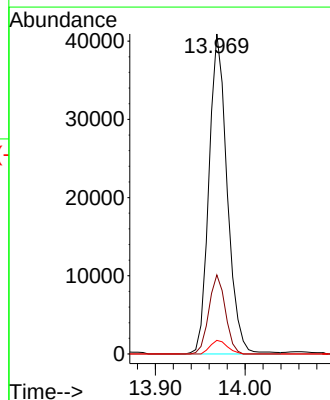
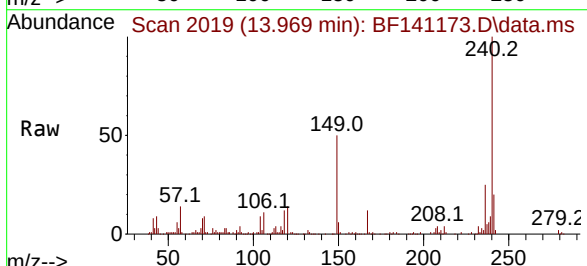
Tgt Ion:149 Resp: 57753

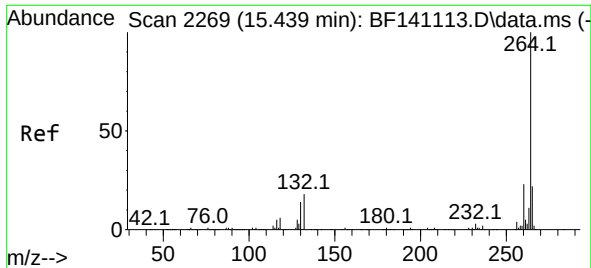
Ion Ratio Lower Upper

149 100

167 24.7 21.4 32.2

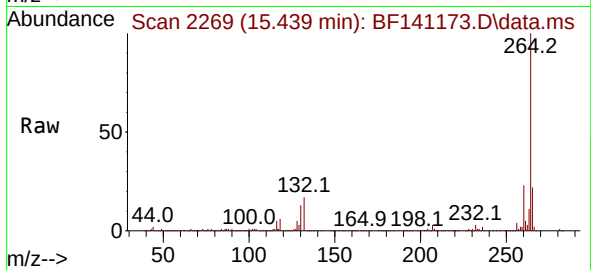
279 4.2 3.4 5.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141173.D
Acq: 15 Jan 2025 14:13

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109



Tgt Ion:264 Resp: 301825
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.7 17.4 26.0

