

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141174.D
 Acq On : 15 Jan 2025 14:39
 Operator : RC/JU
 Sample : Q1069-01RX
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW7B-CARBON-20250109RX

Quant Time: Jan 15 15:17:52 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)

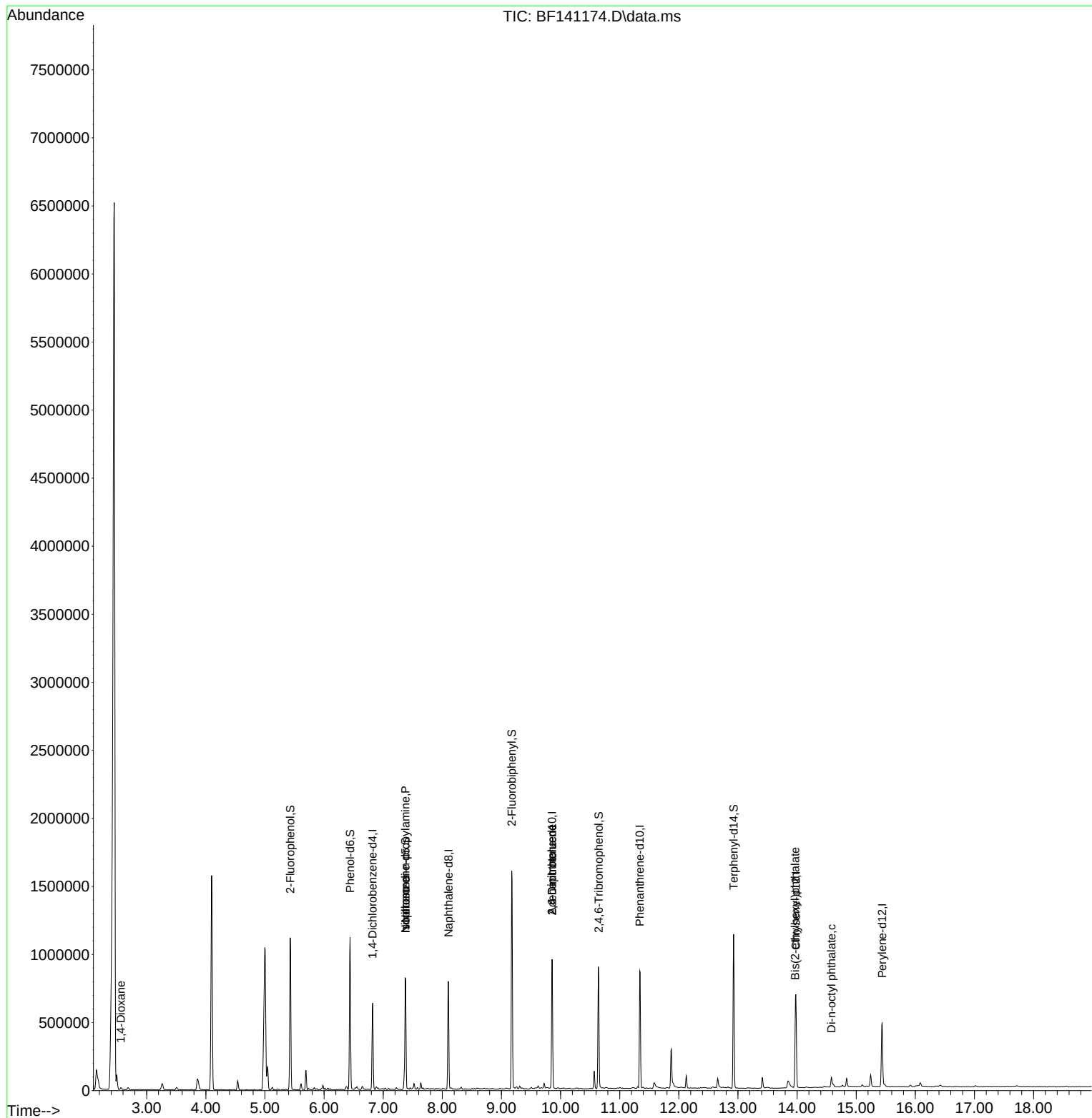
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	130568	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	511298	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	277574	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	450100	20.000	ng	0.00
76) Chrysene-d12	13.980	240	280945	20.000	ng	0.00
86) Perylene-d12	15.439	264	283392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	418792	49.549	ng	0.00
7) Phenol-d6	6.439	99	517567	48.342	ng	0.00
23) Nitrobenzene-d5	7.375	82	366655	38.013	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	159084	50.299	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	712202	39.181	ng	0.00
79) Terphenyl-d14	12.927	244	542897	28.721	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	8683	2.307	ng	98
19) n-Nitroso-di-n-propyla...	7.375	70	49028	7.774	ng	# 77
25) Isophorone	7.375	82	362566	21.995	ng	# 65
51) 2,6-Dinitrotoluene	9.857	165	36065	8.323	ng	# 27
57) 2,4-Dinitrotoluene	9.857	165	36065	6.458	ng	# 24
84) Bis(2-ethylhexyl)phtha...	13.968	149	101289	9.436	ng	98
85) Di-n-octyl phthalate	14.580	149	56716	3.499	ng	96

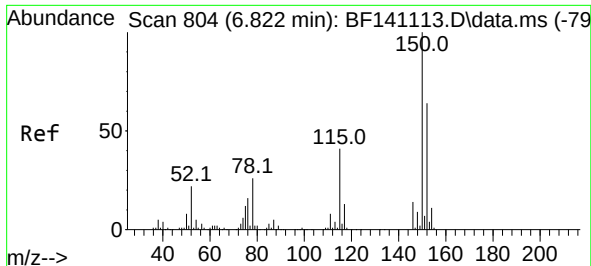
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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RW7B-CARBON-20250109RX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

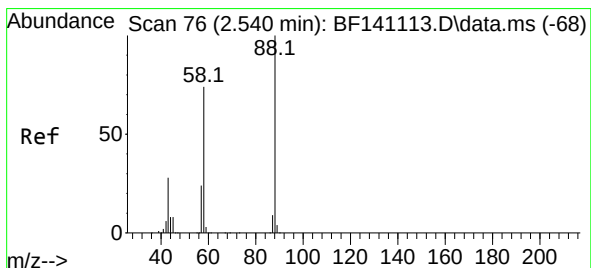
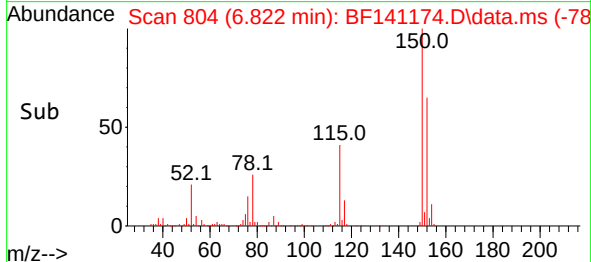
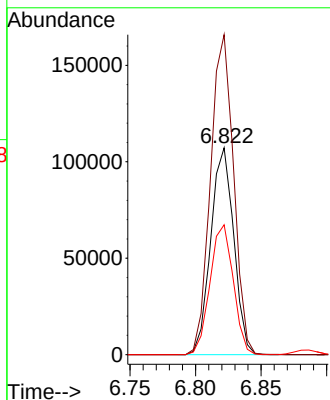
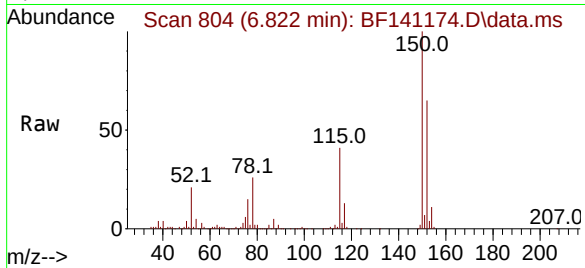




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141174.D
 Acq: 15 Jan 2025 14:39

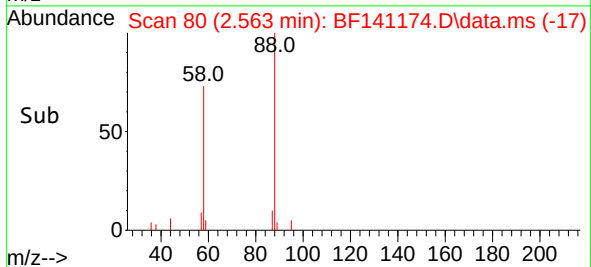
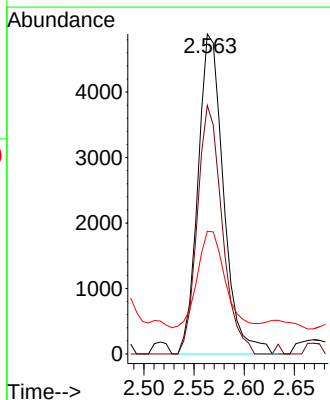
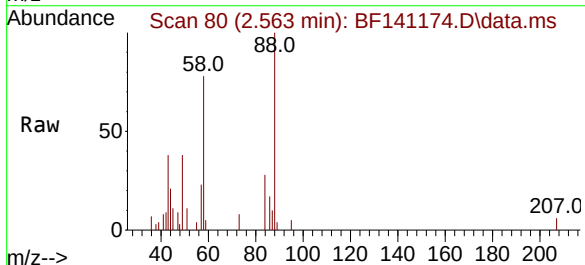
Instrument :
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 ClientSampleId :
 RW7B-CARBON-20250109RX

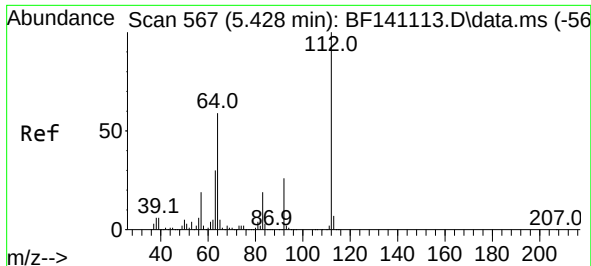
Tgt Ion:152 Resp: 130568
 Ion Ratio Lower Upper
 152 100
 150 154.7 125.8 188.8
 115 62.8 51.4 77.2



#2
 1,4-Dioxane
 Concen: 2.307 ng
 RT: 2.563 min Scan# 80
 Delta R.T. 0.023 min
 Lab File: BF141174.D
 Acq: 15 Jan 2025 14:39

Tgt Ion: 88 Resp: 8683
 Ion Ratio Lower Upper
 88 100
 58 75.5 60.1 90.1
 43 32.1 23.1 34.7

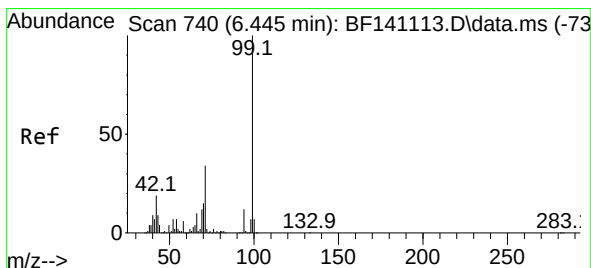
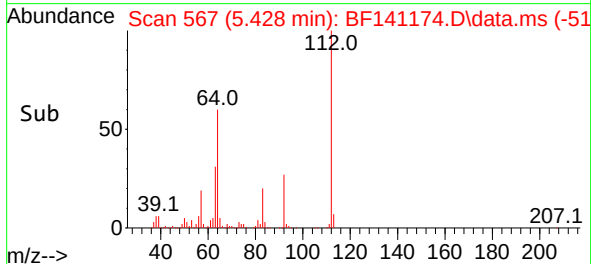
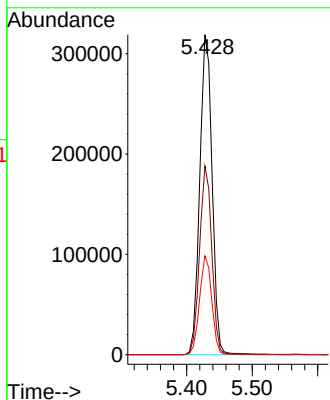
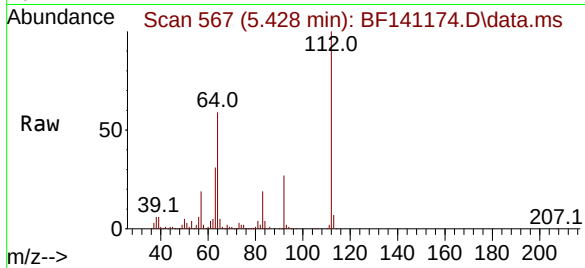




#5
2-Fluorophenol
Concen: 49.549 ng
RT: 5.428 min Scan# 509
Delta R.T. -0.000 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

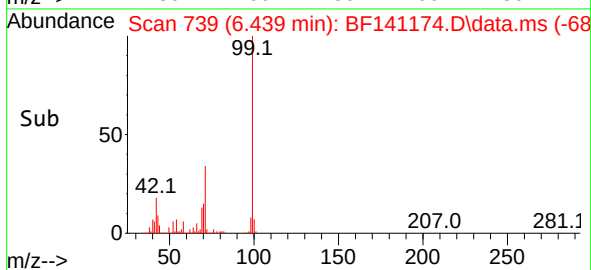
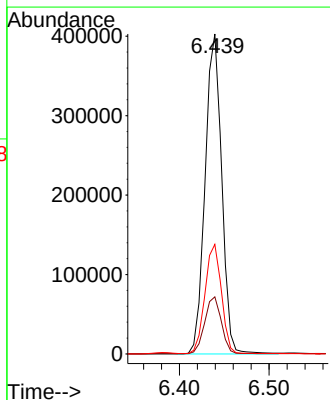
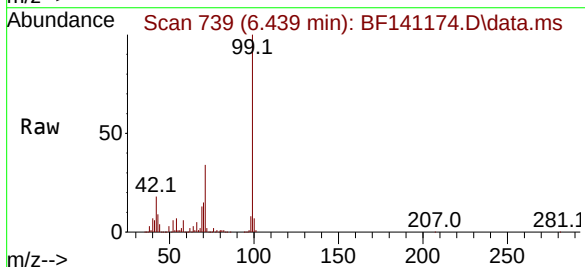
Instrument :
BNA_F
ClientSampleId :
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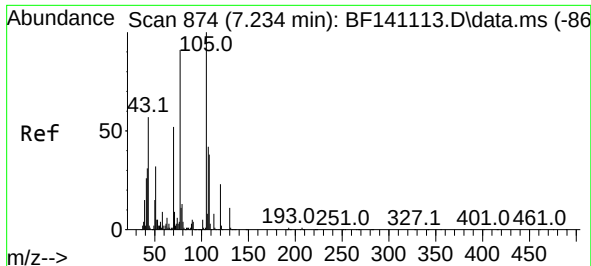
Tgt Ion:112 Resp: 418792
Ion Ratio Lower Upper
112 100
64 59.0 47.3 70.9
63 30.9 24.2 36.2



#7
Phenol-d6
Concen: 48.342 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

Tgt Ion: 99 Resp: 517567
Ion Ratio Lower Upper
99 100
42 17.9 15.0 22.4
71 34.2 27.6 41.4

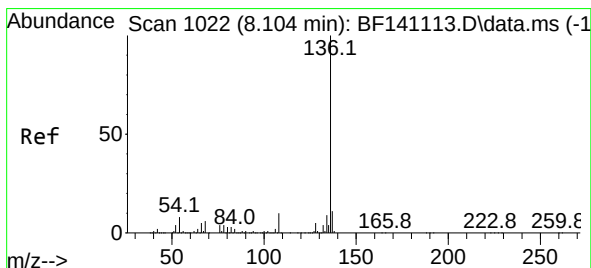
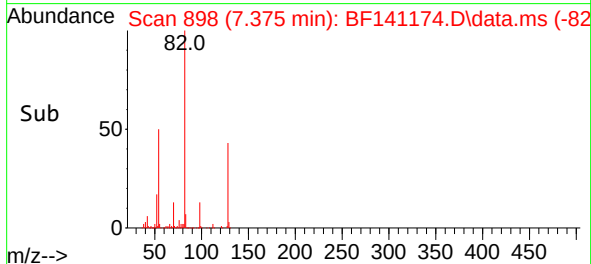
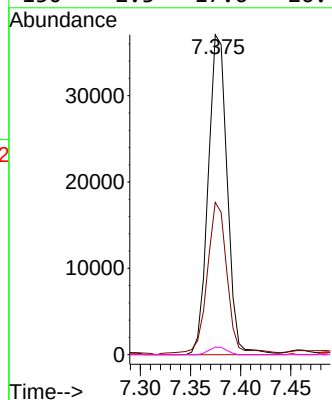
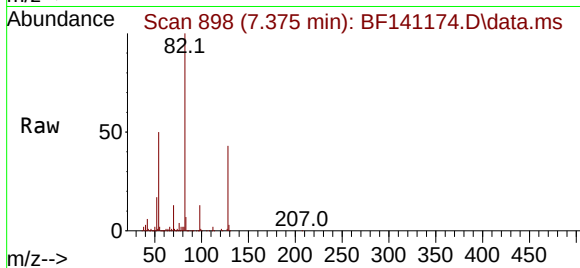




#19
n-Nitroso-di-n-propylamine
Concen: 7.774 ng
RT: 7.375 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

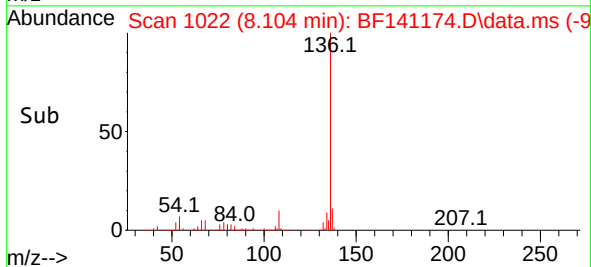
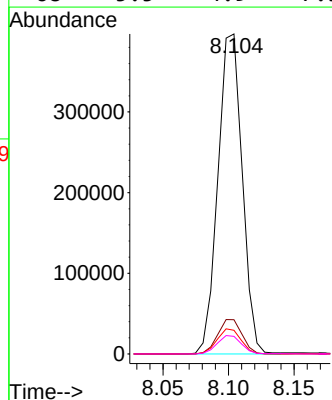
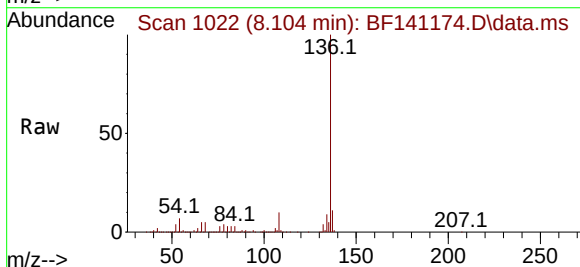
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109RX

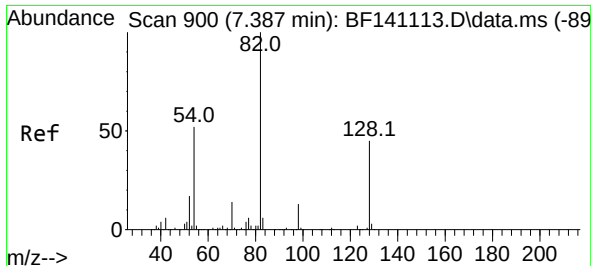
Tgt Ion: 70 Resp: 49028
Ion Ratio Lower Upper
70 100
42 47.6 47.8 71.6#
101 0.0 7.9 11.9#
130 2.3 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

Tgt Ion: 136 Resp: 511298
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.4 6.3 9.5
68 5.5 4.9 7.3

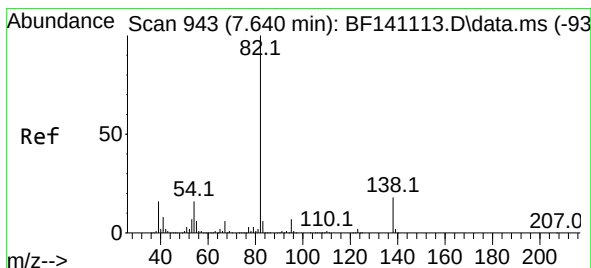
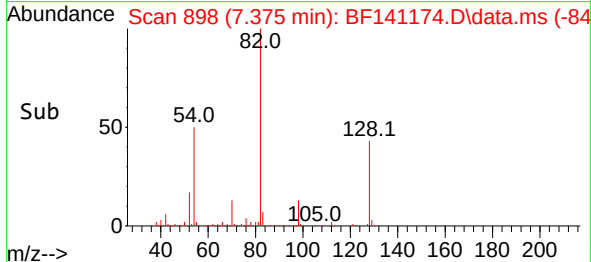
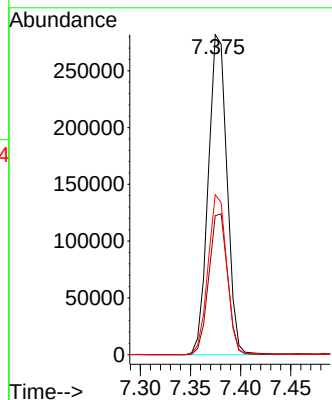
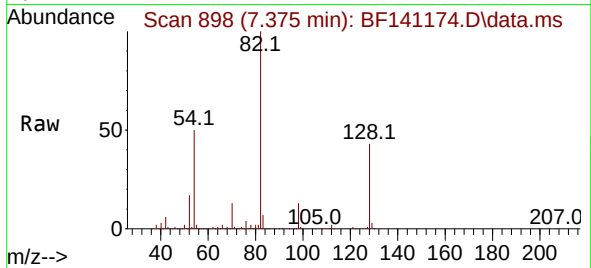




#23
Nitrobenzene-d5
Concen: 38.013 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

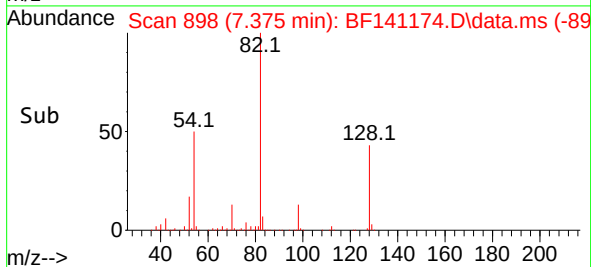
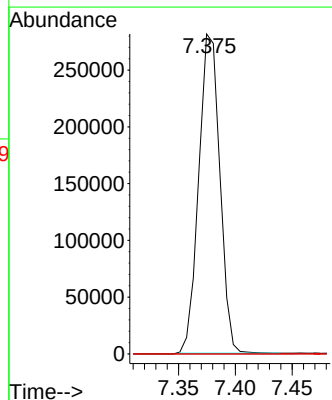
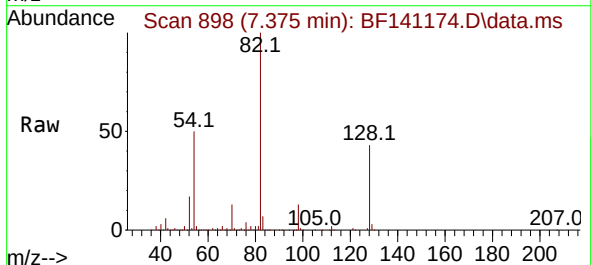
Instrument :
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ClientSampleId :
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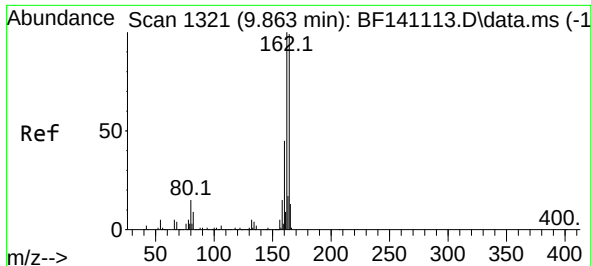
Tgt Ion: 82 Resp: 366655
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 50.0 41.0 61.4



#25
Isophorone
Concen: 21.995 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

Tgt Ion: 82 Resp: 362566
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.2 21.2#

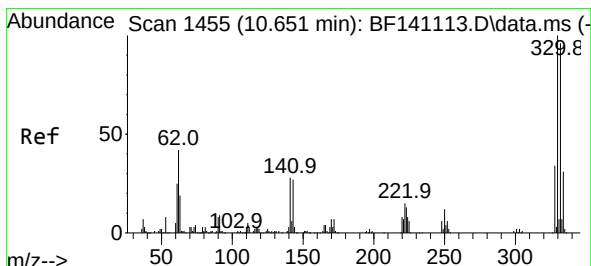
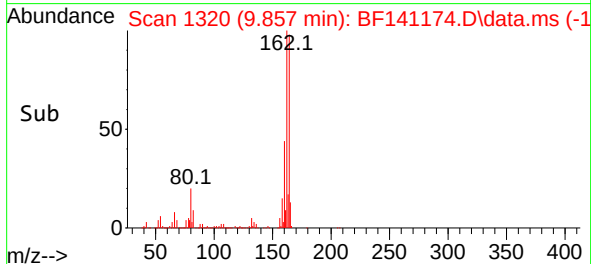
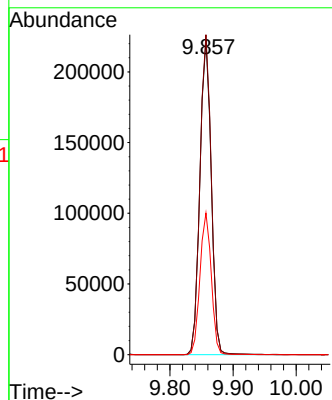
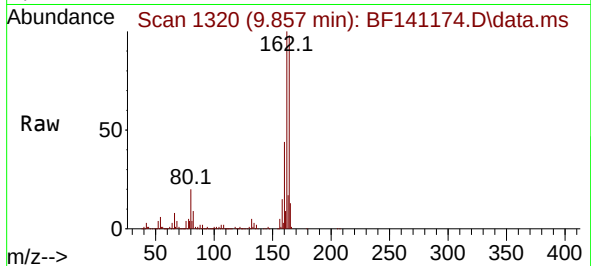




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

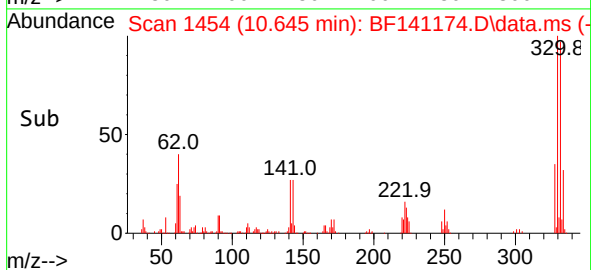
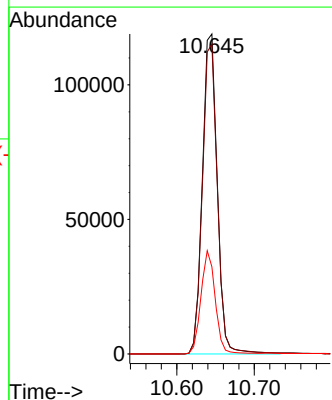
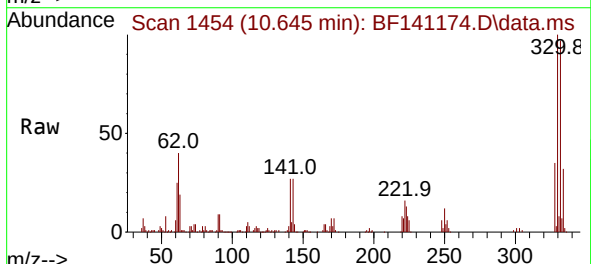
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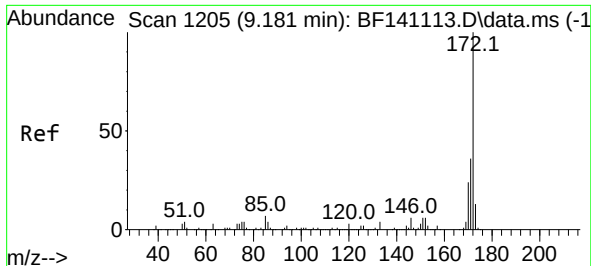
Tgt Ion:164 Resp: 277574
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.0 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 50.299 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

Tgt Ion:330 Resp: 159084
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 30.9 25.2 37.8

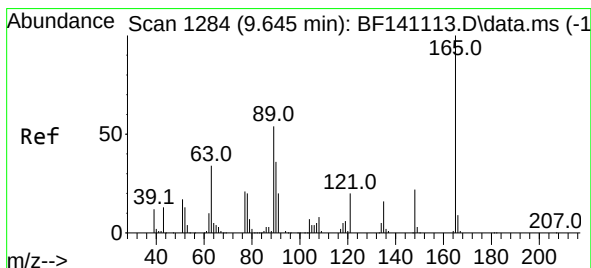
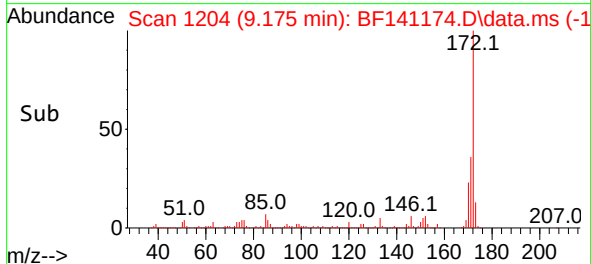
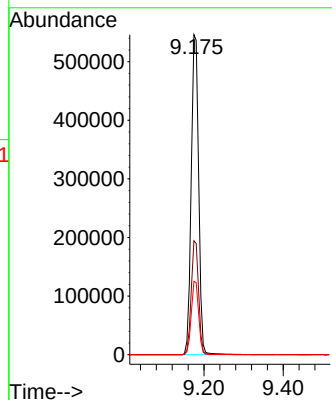
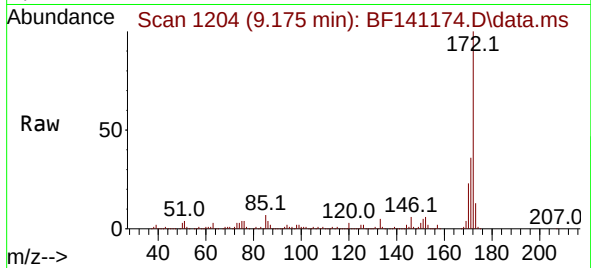




#45
2-Fluorobiphenyl
Concen: 39.181 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

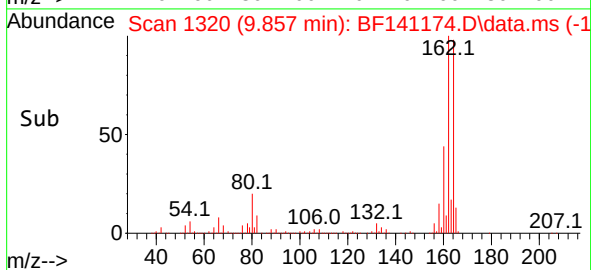
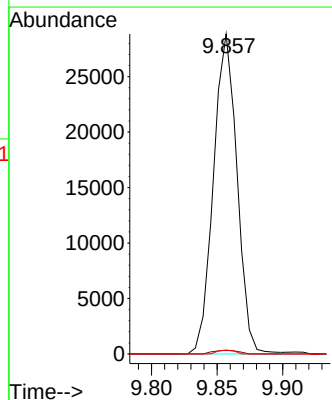
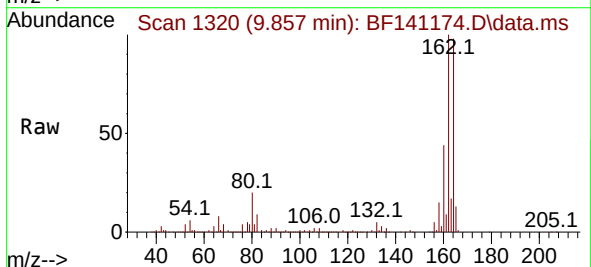
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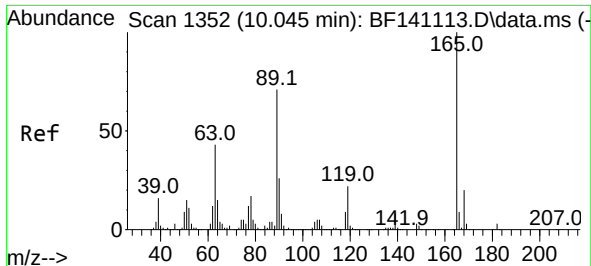
Tgt Ion:172 Resp: 712202
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.0 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.323 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

Tgt Ion:165 Resp: 36065
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.2 43.1 64.7#

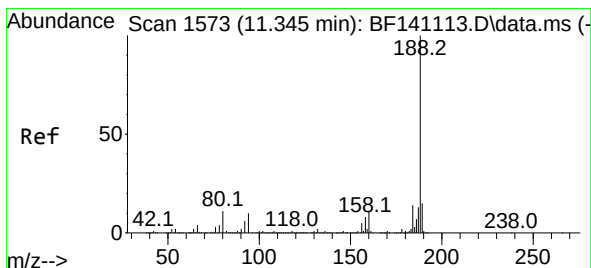
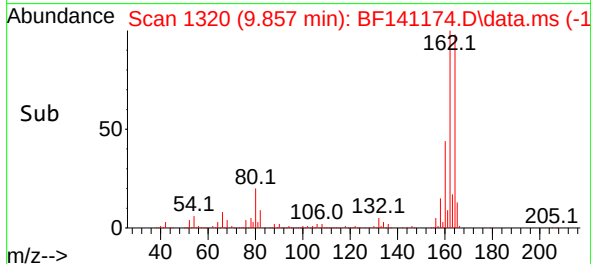
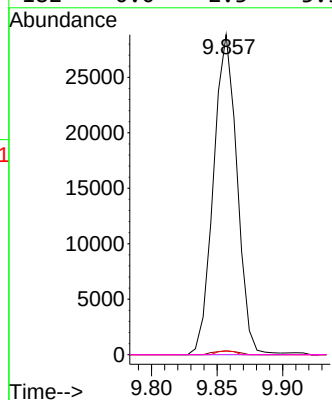
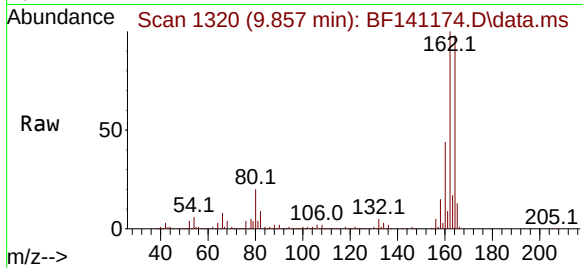




#57
2,4-Dinitrotoluene
Concen: 6.458 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

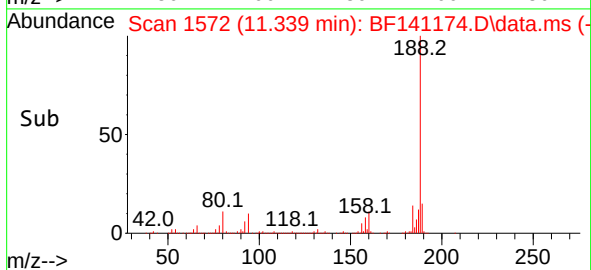
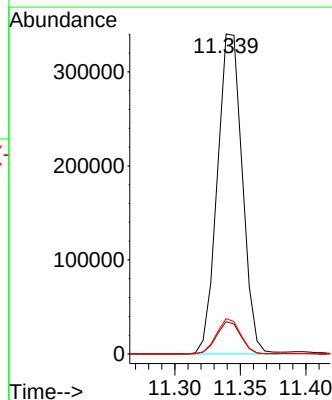
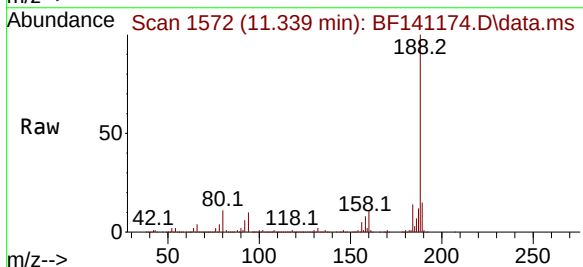
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109RX

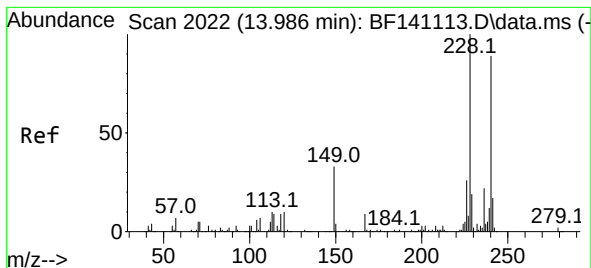
Tgt Ion:165 Resp: 36065
Ion Ratio Lower Upper
165 100
63 1.2 35.0 52.4#
89 1.2 56.7 85.1#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

Tgt Ion:188 Resp: 450100
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.0 9.0 13.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141174.D

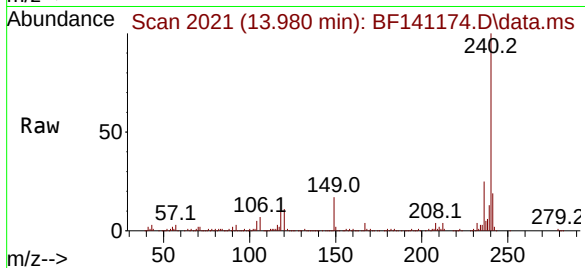
Acq: 15 Jan 2025 14:39

Instrument :

BNA_F

ClientSampleId :

RW7B-CARBON-20250109RX



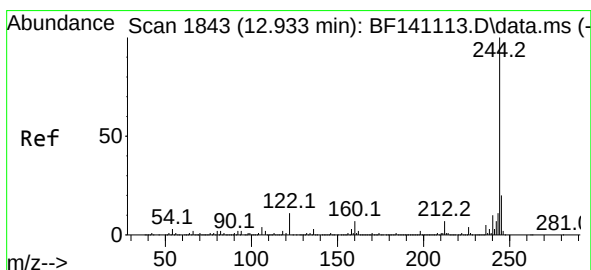
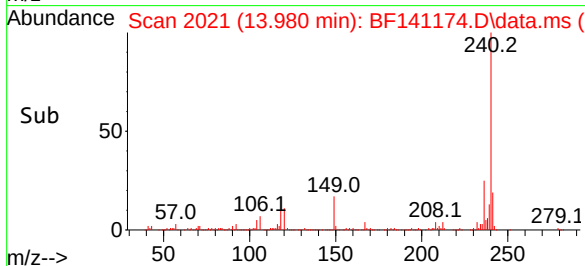
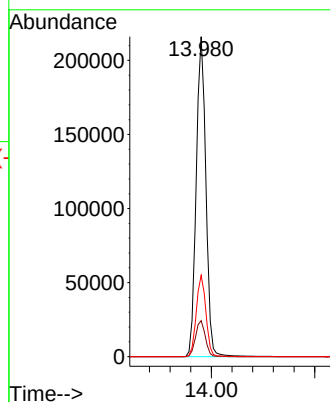
Tgt Ion:240 Resp: 280945

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

236 25.4 19.8 29.6



#79

Terphenyl-d14

Concen: 28.721 ng

RT: 12.927 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF141174.D

Acq: 15 Jan 2025 14:39

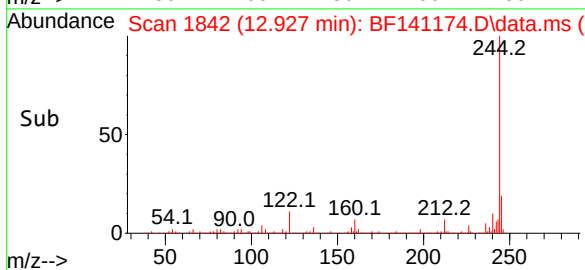
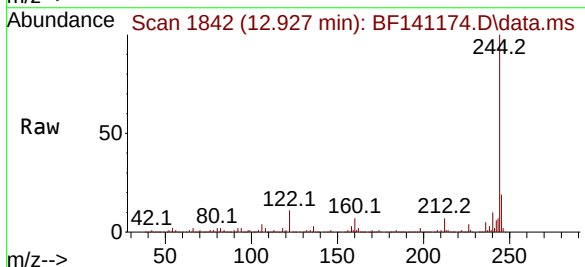
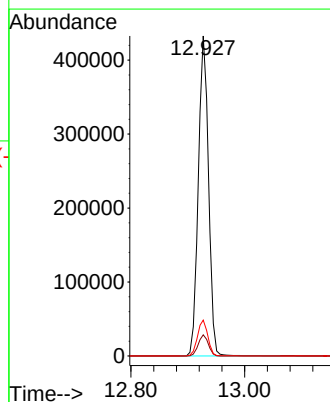
Tgt Ion:244 Resp: 542897

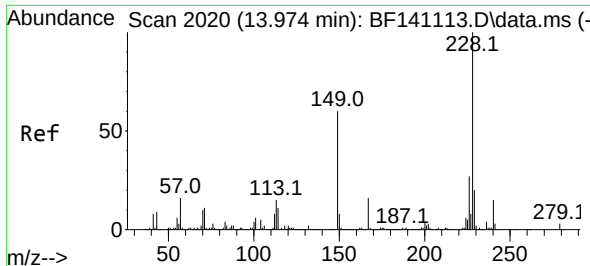
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 11.2 8.8 13.2

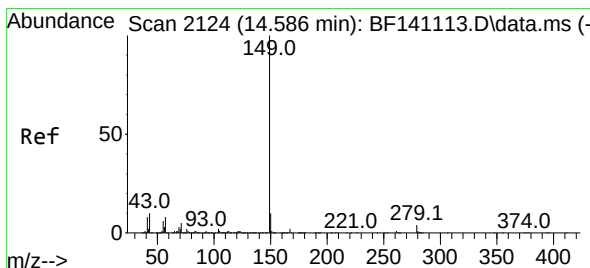
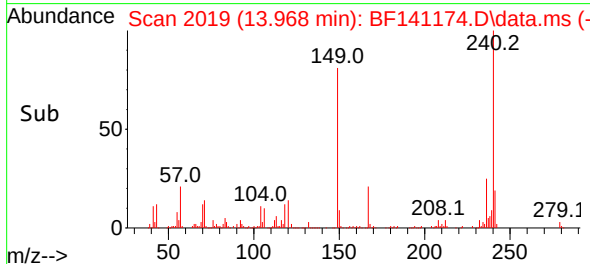
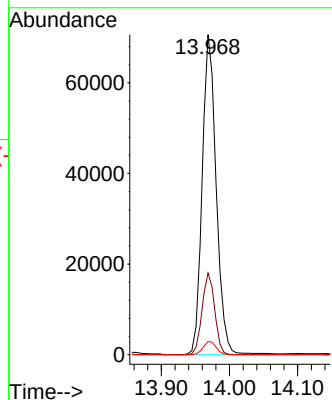
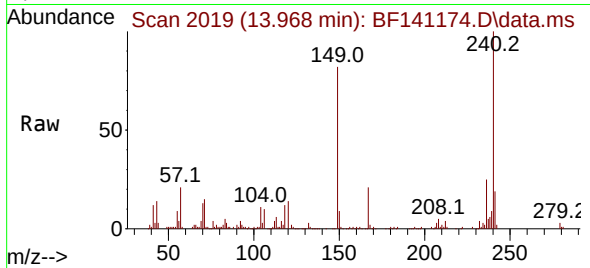




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.436 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

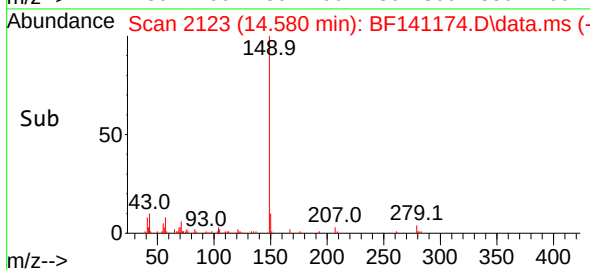
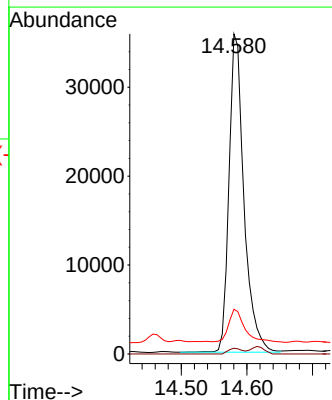
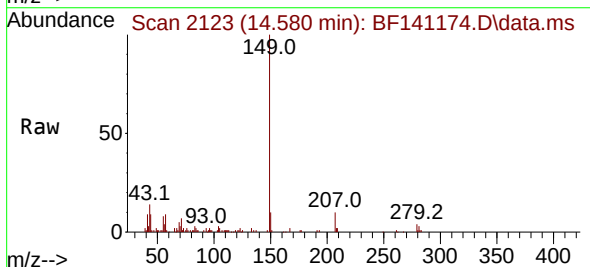
Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109RX

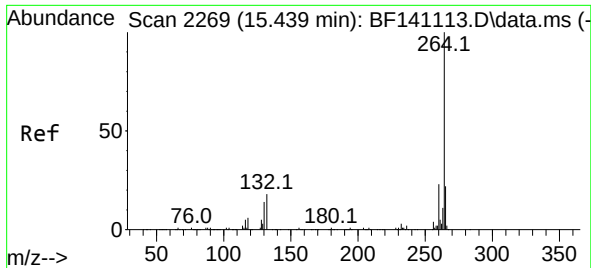
Tgt Ion:149 Resp: 101289
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.2
279 4.1 3.4 5.2



#85
Di-n-octyl phthalate
Concen: 3.499 ng
RT: 14.580 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

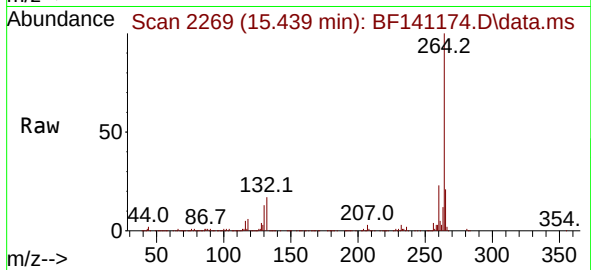
Tgt Ion:149 Resp: 56716
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 12.2 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141174.D
Acq: 15 Jan 2025 14:39

Instrument :
BNA_F
ClientSampleId :
RW7B-CARBON-20250109RX



Tgt Ion:264 Resp: 283392

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.1	17.4	26.0

