

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011725\
 Data File : BF141197.D
 Acq On : 17 Jan 2025 17:14
 Operator : RC/JU
 Sample : Q1115-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 366

Quant Time: Jan 17 17:32:38 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)

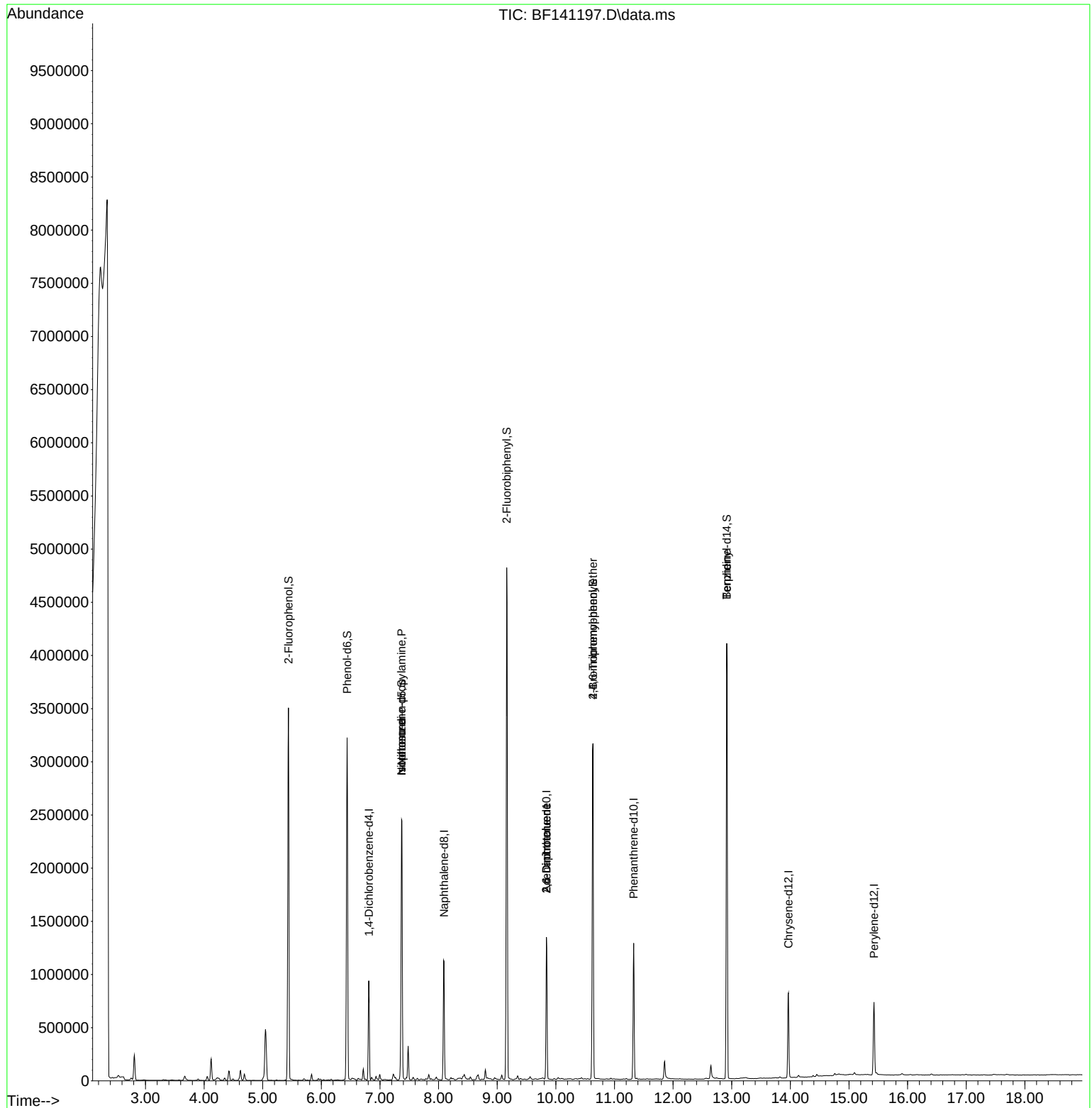
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	190013	20.000	ng	-0.01
21) Naphthalene-d8	8.092	136	745324	20.000	ng	-0.01
39) Acenaphthene-d10	9.839	164	399267	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	633641	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	393943	20.000	ng	-0.02
86) Perylene-d12	15.427	264	392840	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1413854	114.946	ng	0.01
7) Phenol-d6	6.439	99	1633262	104.826	ng	0.00
23) Nitrobenzene-d5	7.369	82	1220989	86.838	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	624078	137.179	ng	-0.02
45) 2-Fluorobiphenyl	9.163	172	2212384	84.615	ng	-0.02
79) Terphenyl-d14	12.915	244	2042180	77.049	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	168206	18.327	ng	# 77
25) Isophorone	7.369	82	1214132	50.528	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	52378	8.403	ng	# 27
57) 2,4-Dinitrotoluene	9.839	165	52378	6.520	ng	# 24
67) 4-Bromophenyl-phenylether	10.633	248	37701	5.168	ng	# 1
77) Benzidine	12.915	184	26113	3.574	ng	# 90

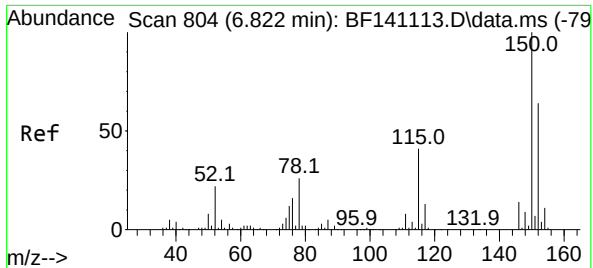
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

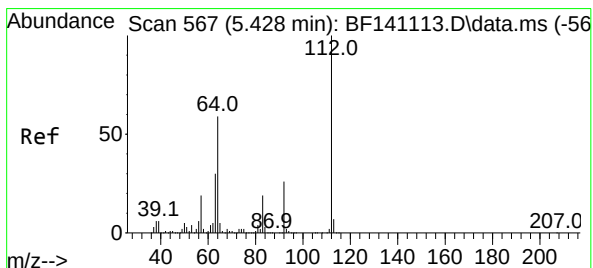
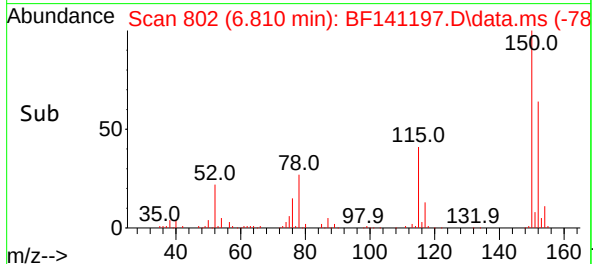
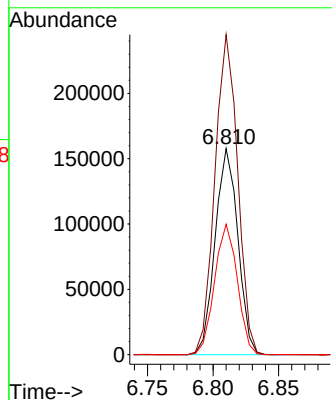
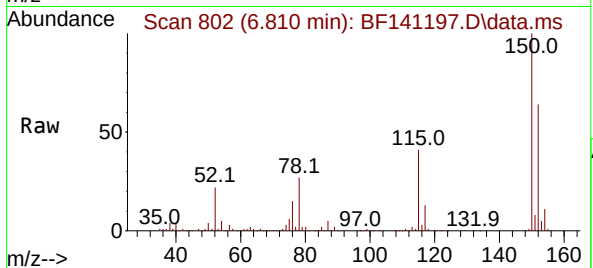




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.810 min Scan# 804
 Delta R.T. -0.012 min
 Lab File: BF141197.D
 Acq: 17 Jan 2025 17:14

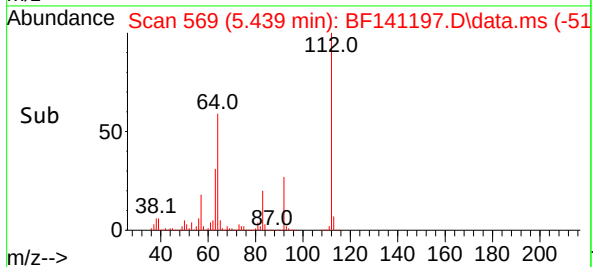
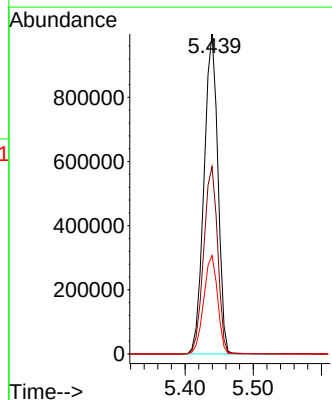
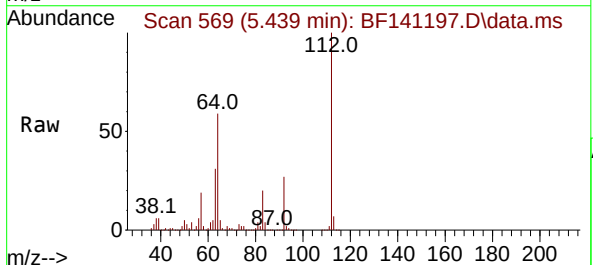
Instrument :
 BNA_F
 ClientSampleId :
 366

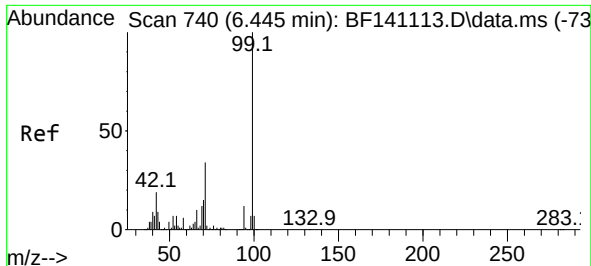
Tgt Ion:152 Resp: 190013
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.8 188.8
 115 63.3 51.4 77.2



#5
 2-Fluorophenol
 Concen: 114.946 ng
 RT: 5.439 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF141197.D
 Acq: 17 Jan 2025 17:14

Tgt Ion:112 Resp: 1413854
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.3 70.9
 63 30.7 24.2 36.2





#7
Phenol-d6
Concen: 104.826 ng
RT: 6.439 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Instrument :

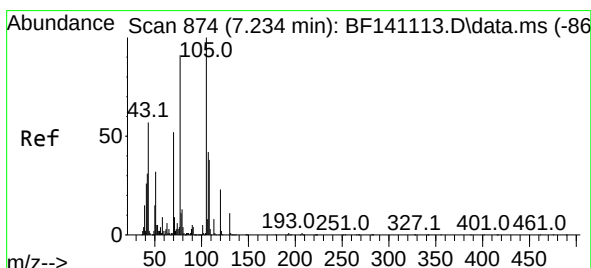
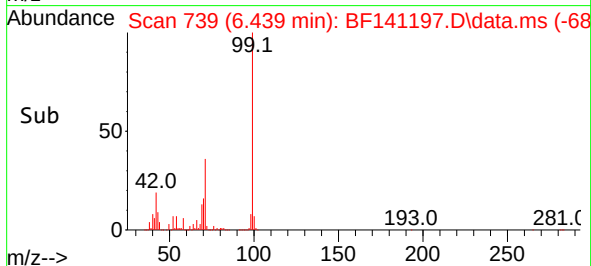
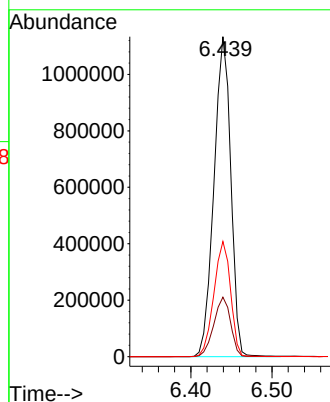
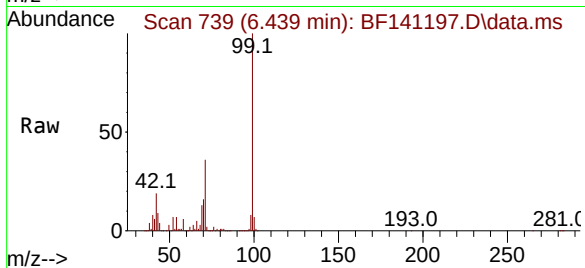
BNA_F

ClientSampleId :

366

Tgt Ion: 99 Resp: 1633262

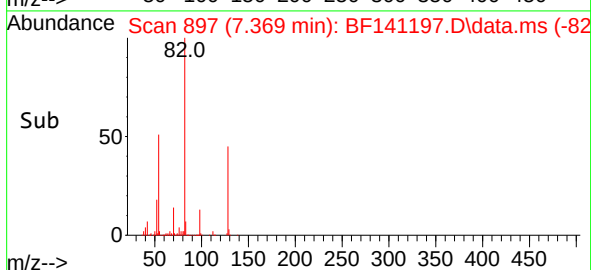
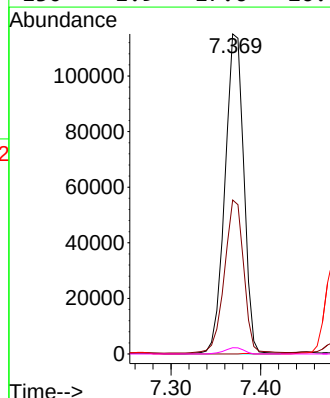
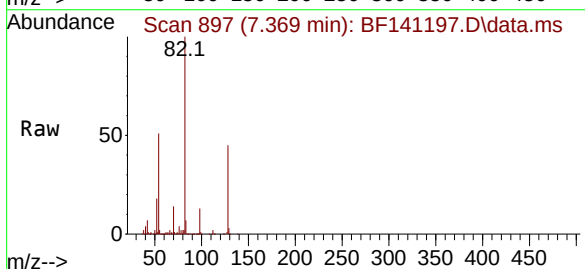
Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	36.0	27.6	41.4

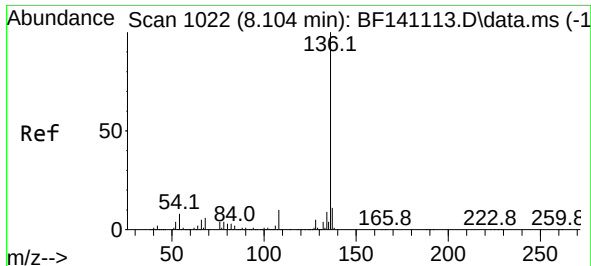


#19
n-Nitroso-di-n-propylamine
Concen: 18.327 ng
RT: 7.369 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Tgt Ion: 70 Resp: 168206

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.8	71.6
101	0.0	7.9	11.9#
130	1.9	17.6	26.4#



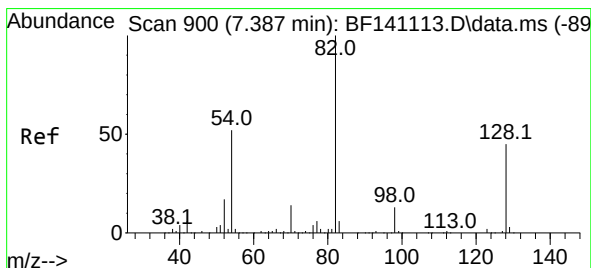
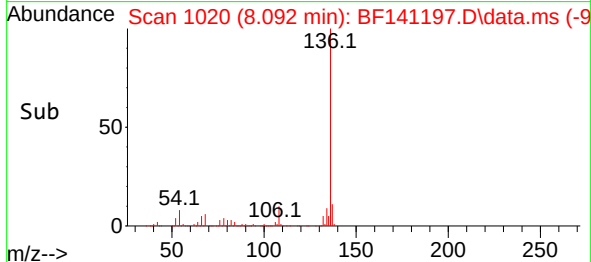
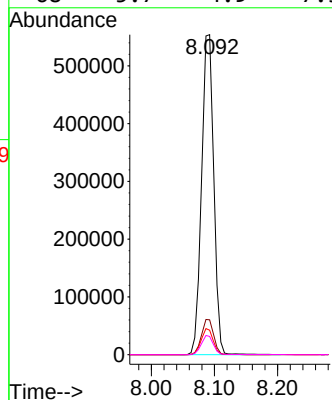
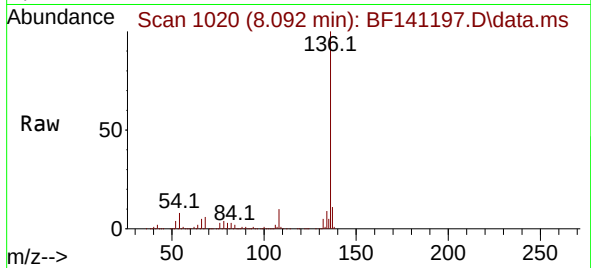


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Instrument :
BNA_F
ClientSampleId :
366

Tgt Ion:136 Resp: 745324

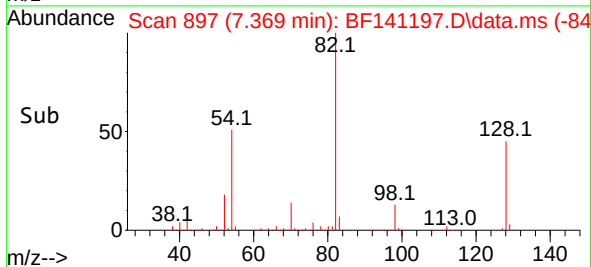
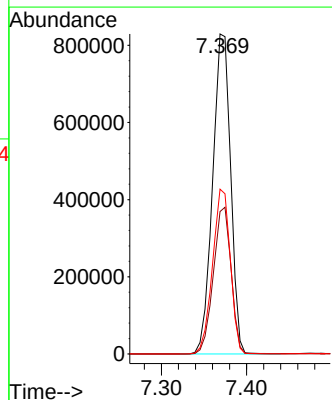
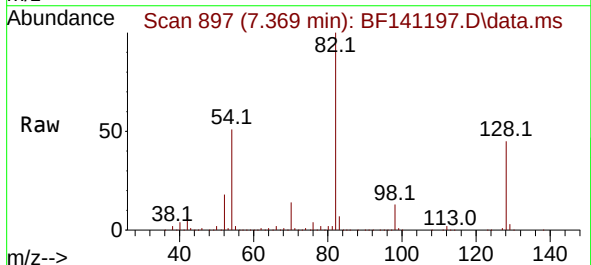
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.3	9.5
68	5.7	4.9	7.3

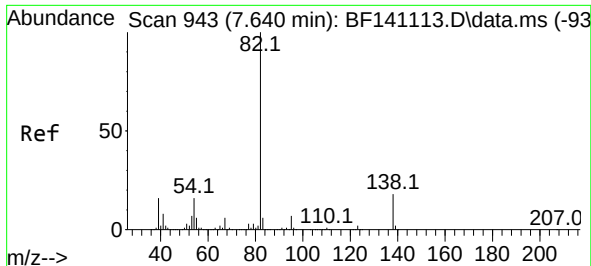


#23
Nitrobenzene-d5
Concen: 86.838 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Tgt Ion: 82 Resp: 1220989

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	51.5	41.0	61.4

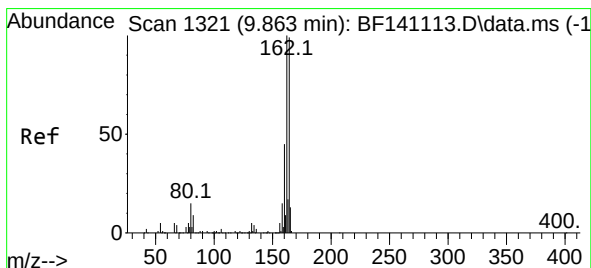
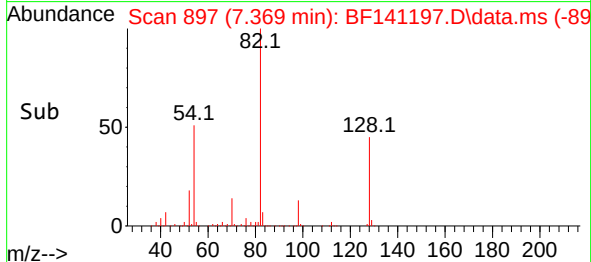
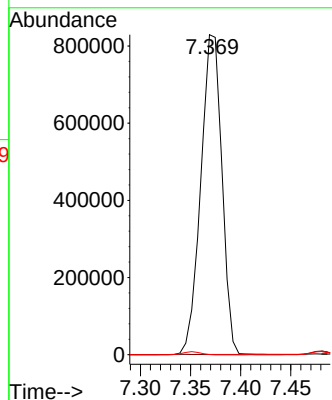
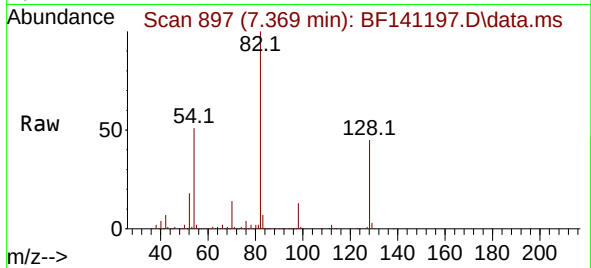




#25
Isophorone
Concen: 50.528 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

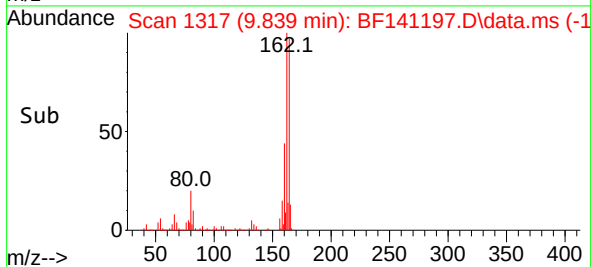
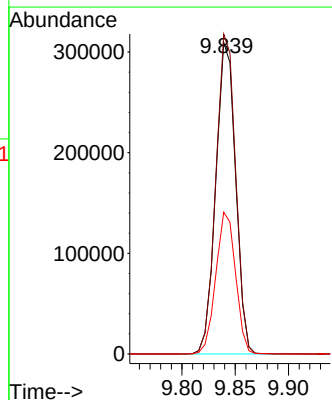
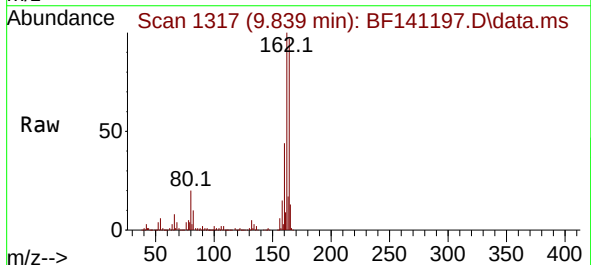
Instrument :
BNA_F
ClientSampleId :
366

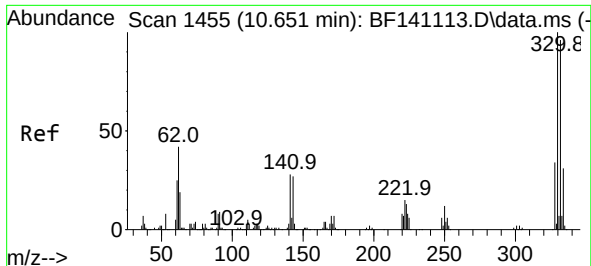
Tgt Ion: 82 Resp: 1214132
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.1 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.024 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Tgt Ion:164 Resp: 399267
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.4
160 45.6 36.1 54.1

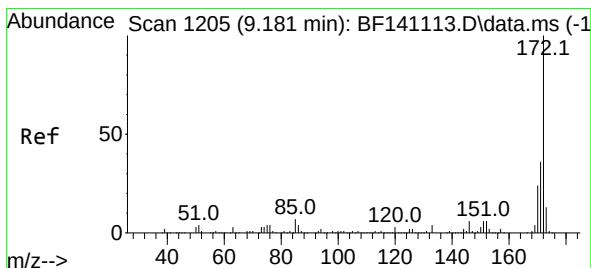
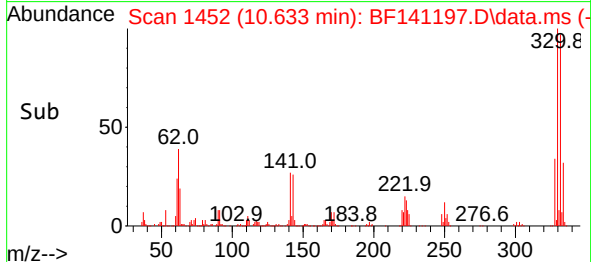
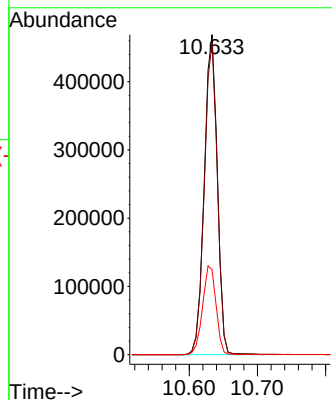
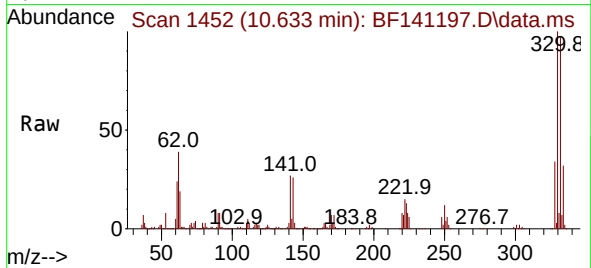




#42
2,4,6-Tribromophenol
Concen: 137.179 ng
RT: 10.633 min Scan# 1455
Delta R.T. -0.018 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

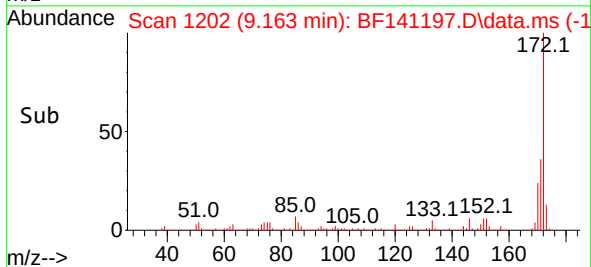
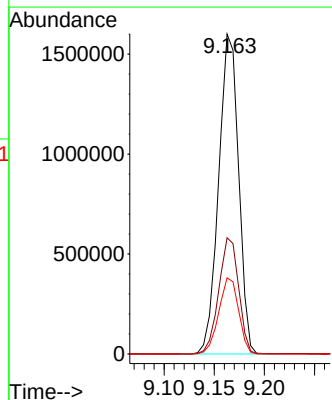
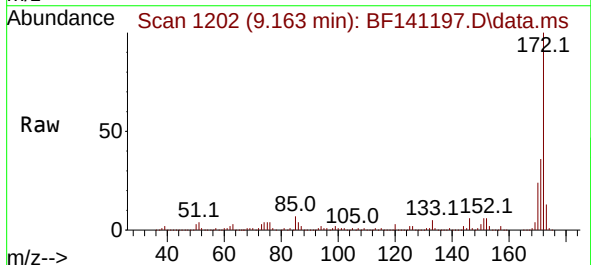
Instrument :
BNA_F
ClientSampleId :
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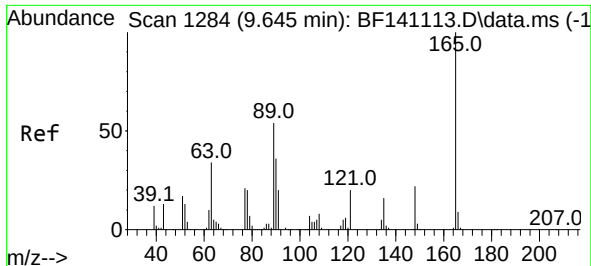
Tgt Ion:330 Resp: 624078
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 28.8 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 84.615 ng
RT: 9.163 min Scan# 1202
Delta R.T. -0.018 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Tgt Ion:172 Resp: 2212384
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.8 19.0 28.6

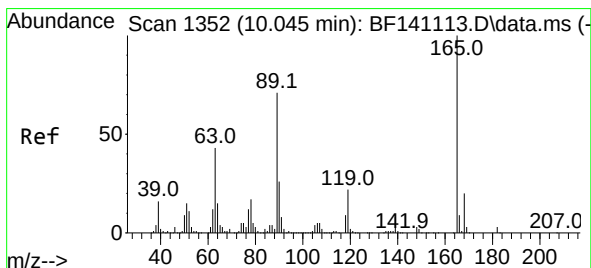
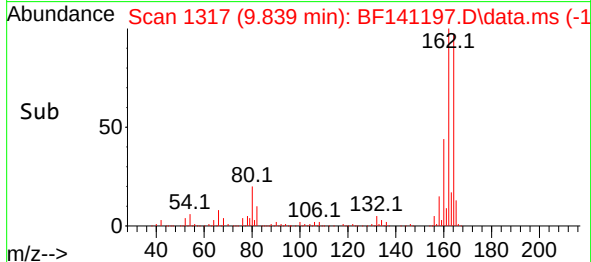
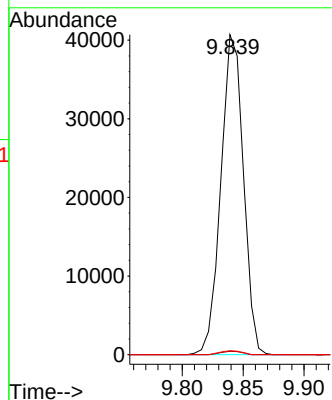
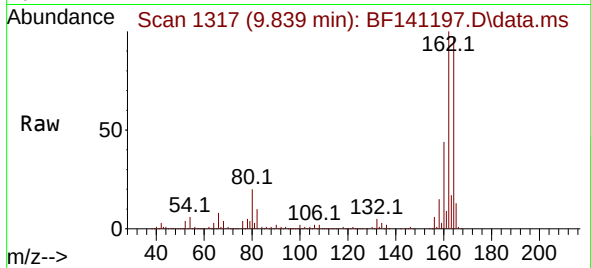




#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.839 min Scan# 1317
Delta R.T. 0.194 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

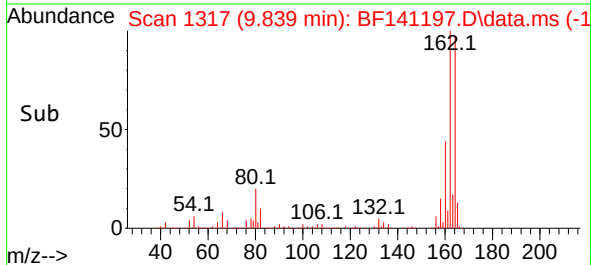
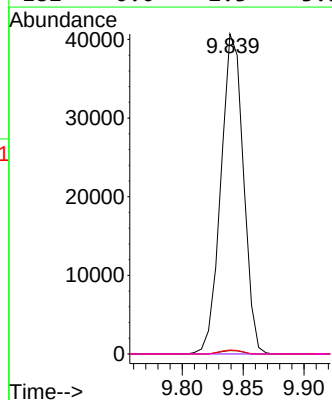
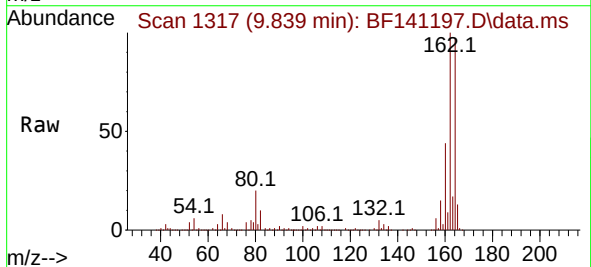
Instrument :
BNA_F
ClientSampleId :
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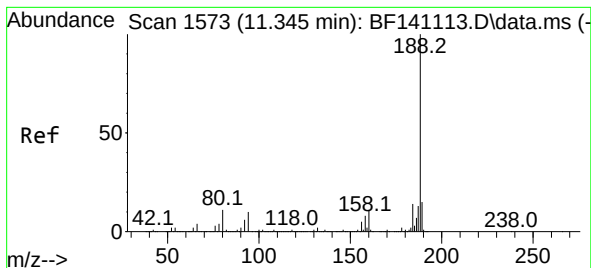
Tgt Ion:165 Resp: 52378
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.3 43.1 64.7#



#57
2,4-Dinitrotoluene
Concen: 6.520 ng
RT: 9.839 min Scan# 1317
Delta R.T. -0.206 min
Lab File: BF141197.D
Acq: 17 Jan 2025 17:14

Tgt Ion:165 Resp: 52378
Ion Ratio Lower Upper
165 100
63 1.1 35.0 52.4#
89 1.3 56.7 85.1#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

Instrument :

BNA_F

ClientSampleId :

366

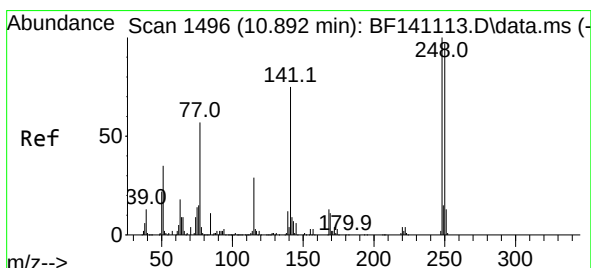
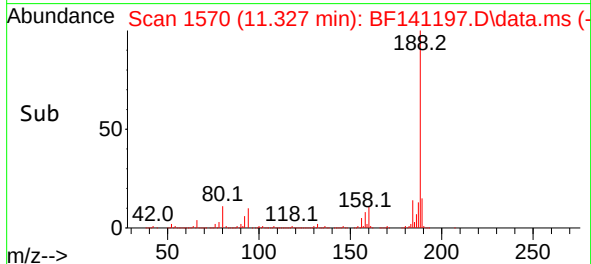
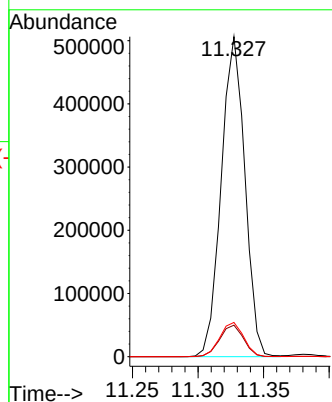
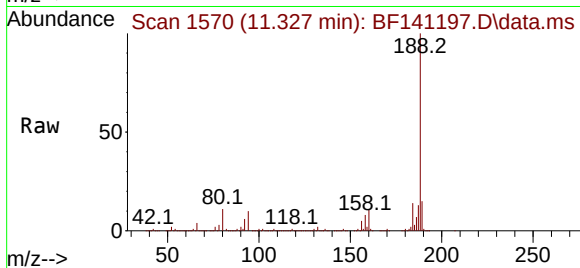
Tgt Ion:188 Resp: 633641

Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.7 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.168 ng

RT: 10.633 min Scan# 1452

Delta R.T. -0.259 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

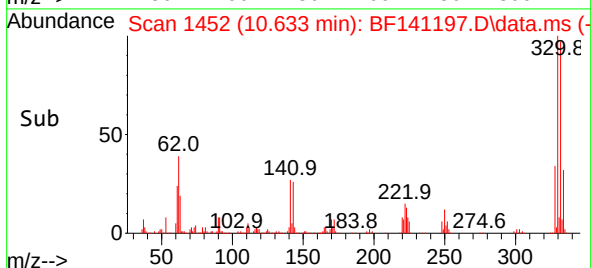
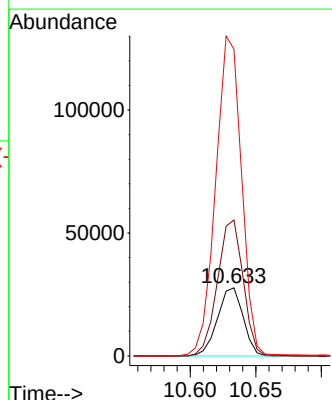
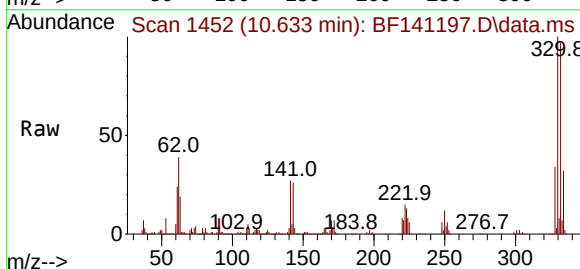
Tgt Ion:248 Resp: 37701

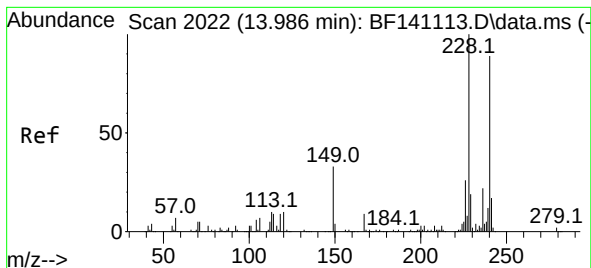
Ion Ratio Lower Upper

248 100

250 199.4 77.9 116.9#

141 450.0 59.9 89.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

Instrument :

BNA_F

ClientSampleId :

366

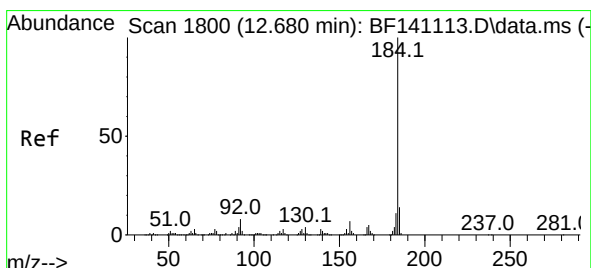
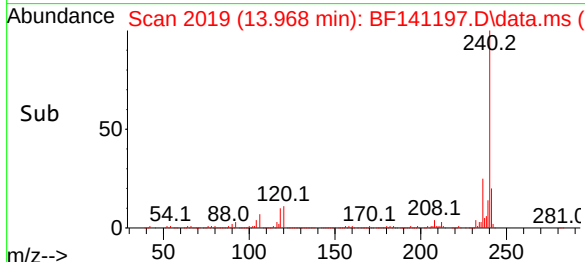
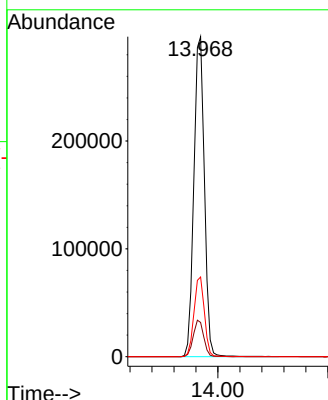
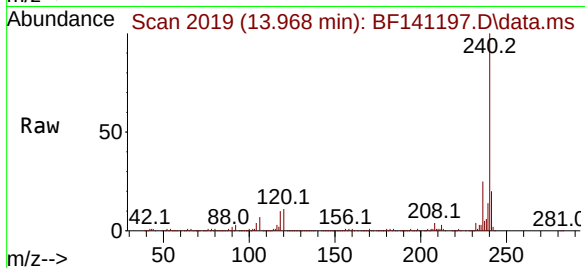
Tgt Ion:240 Resp: 393943

Ion Ratio Lower Upper

240 100

120 10.7 9.1 13.7

236 24.9 19.8 29.6



#77

Benidine

Concen: 3.574 ng

RT: 12.915 min Scan# 1840

Delta R.T. 0.235 min

Lab File: BF141197.D

Acq: 17 Jan 2025 17:14

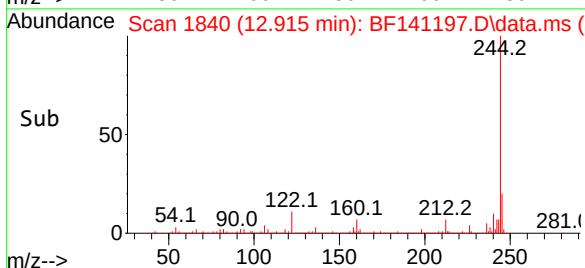
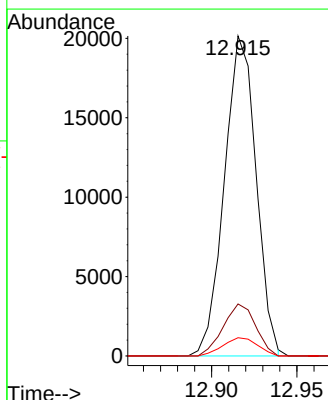
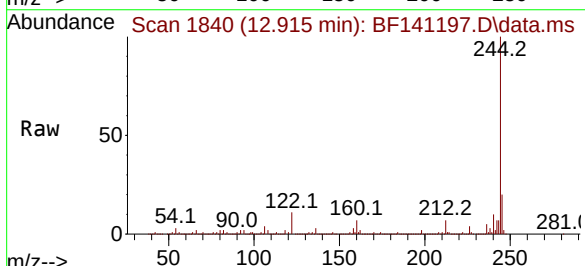
Tgt Ion:184 Resp: 26113

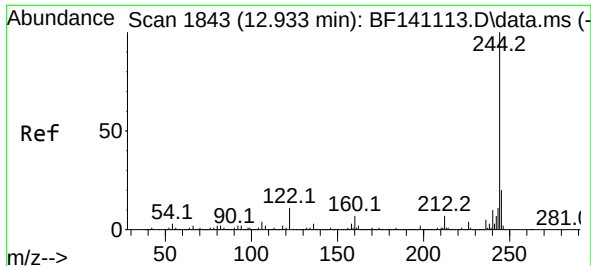
Ion Ratio Lower Upper

184 100

185 16.3 11.4 17.0

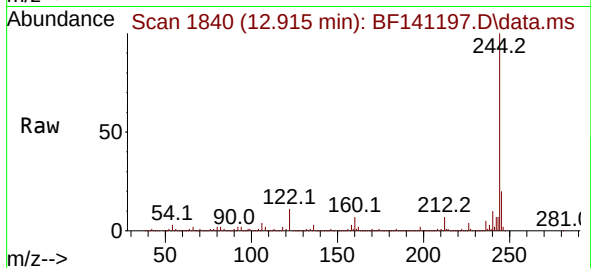
183 5.7 9.2 13.8#



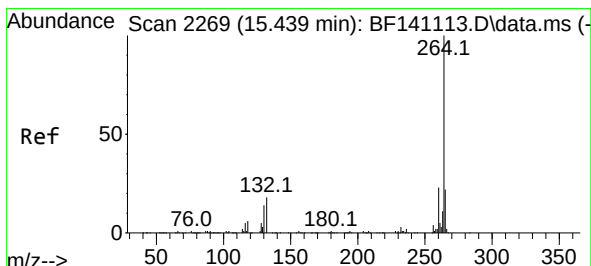
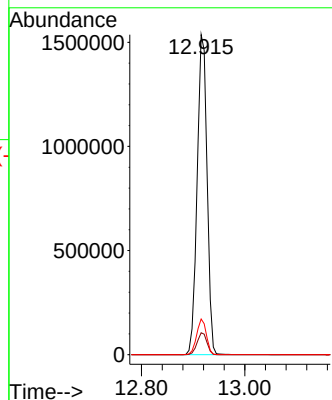
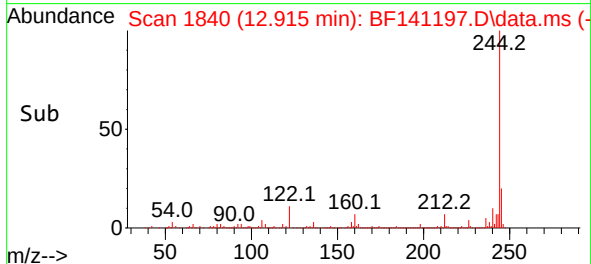


#79
 Terphenyl-d14
 Concen: 77.049 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF141197.D
 Acq: 17 Jan 2025 17:14

Instrument :
 BNA_F
 ClientSampleId :
 366



Tgt Ion:244 Resp: 2042180
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF141197.D
 Acq: 17 Jan 2025 17:14

Tgt Ion:264 Resp: 392840
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.5 17.4 26.0

