

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140897.D
 Acq On : 18 Dec 2024 11:27
 Operator : RC/JU
 Sample : PB165648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165648BL

Quant Time: Dec 18 11:55:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

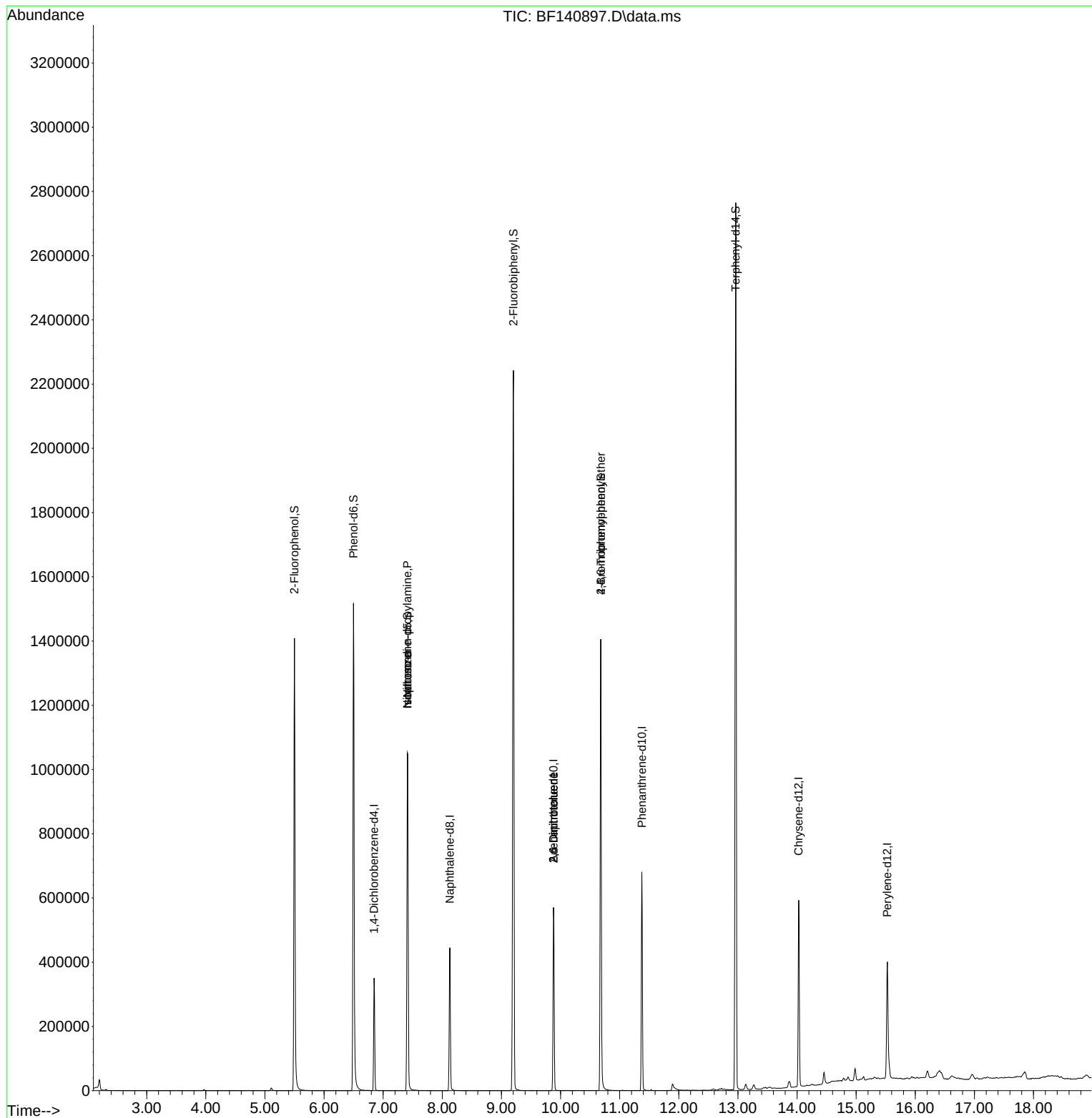
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	76848	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	304412	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	183535	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	373254	20.000	ng	0.00
76) Chrysene-d12	14.027	240	284135	20.000	ng	0.00
86) Perylene-d12	15.527	264	222606	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	558701	119.681	ng	0.01
7) Phenol-d6	6.498	99	779978	126.146	ng	0.00
23) Nitrobenzene-d5	7.410	82	542013	89.082	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	259926	119.743	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1123659	84.173	ng	0.00
79) Terphenyl-d14	12.963	244	1401330	77.770	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	72405	19.522	ng	# 78
25) Isophorone	7.410	82	533486	52.329	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	22657	7.659	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	22657	5.821	ng	# 15
67) 4-Bromophenyl-phenylether	10.681	248	16479	3.946	ng	# 1

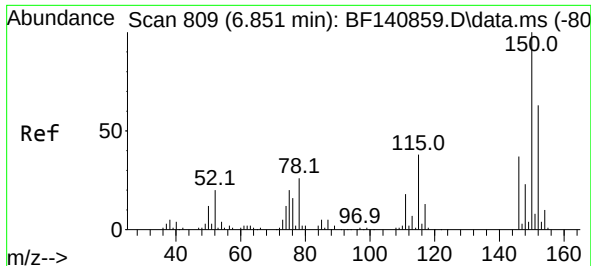
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140897.D
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Operator : RC/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165648BL

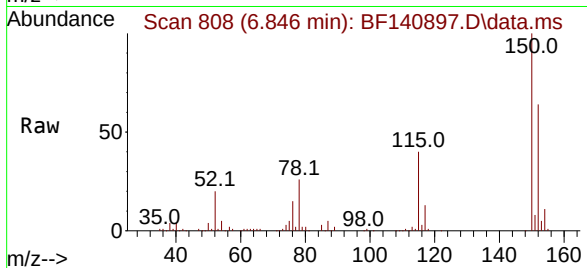
Quant Time: Dec 18 11:55:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
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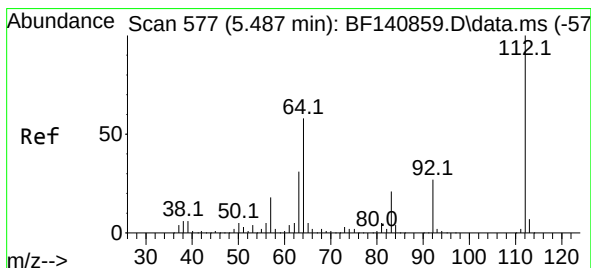
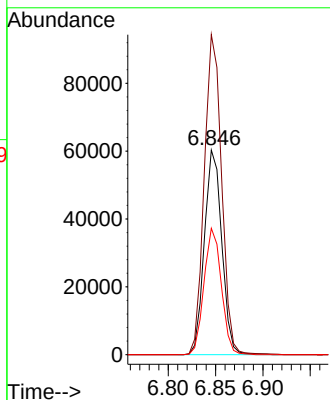
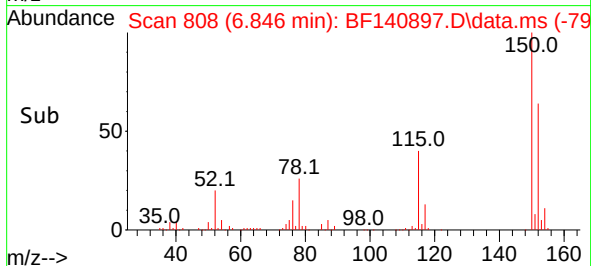


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Instrument :
BNA_F
ClientSampleId :
PB165648BL

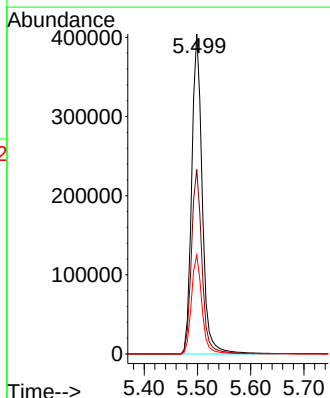
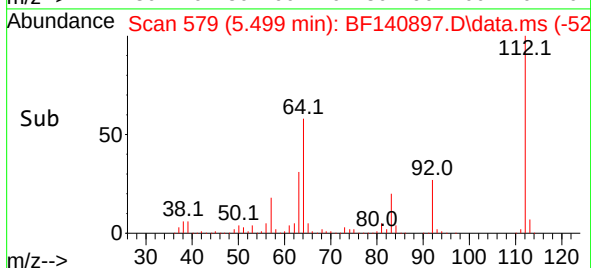
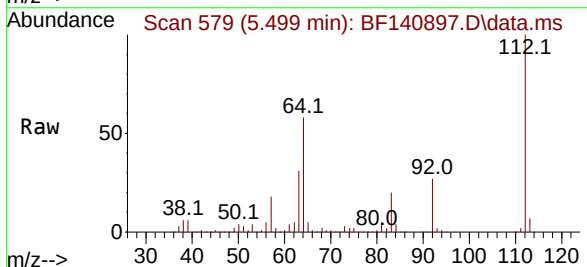


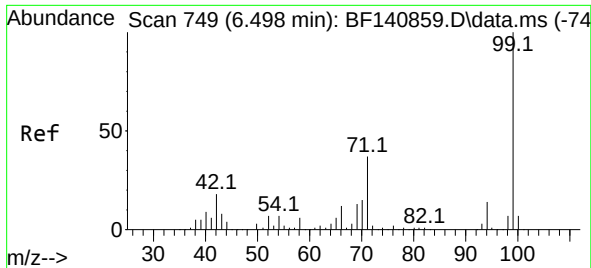
Tgt Ion:152 Resp: 76848
Ion Ratio Lower Upper
152 100
150 156.3 127.9 191.9
115 61.8 48.0 72.0



#5
2-Fluorophenol
Concen: 119.681 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion:112 Resp: 558701
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 30.9 24.9 37.3

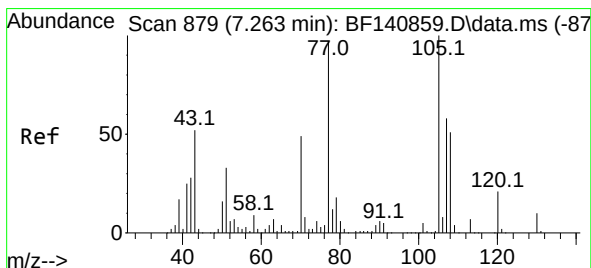
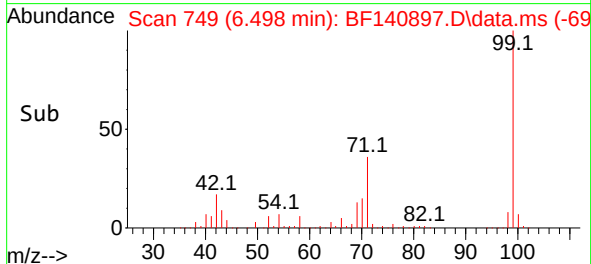
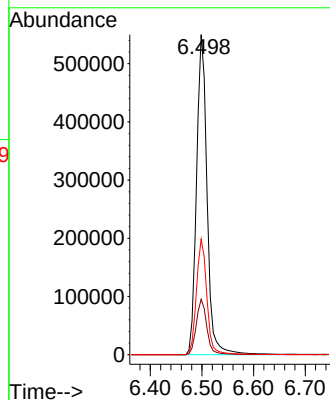
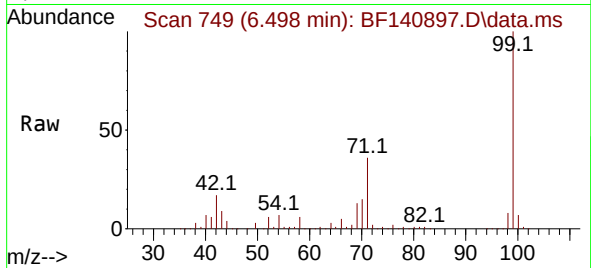




#7
Phenol-d6
Concen: 126.146 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

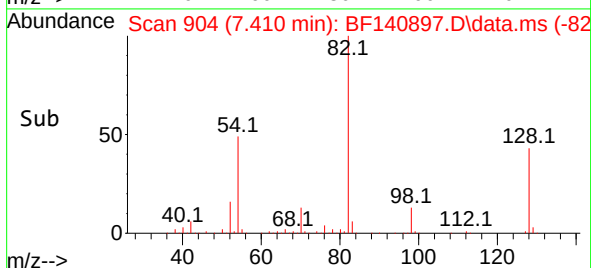
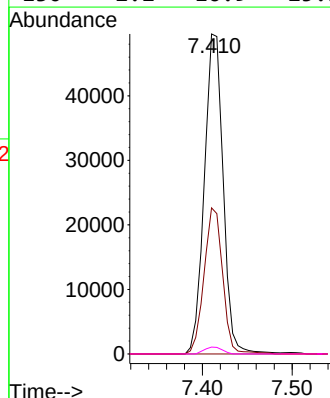
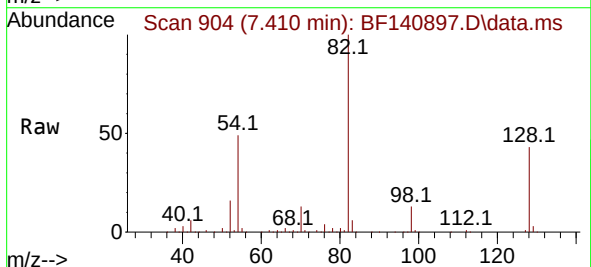
Instrument :
BNA_F
ClientSampleId :
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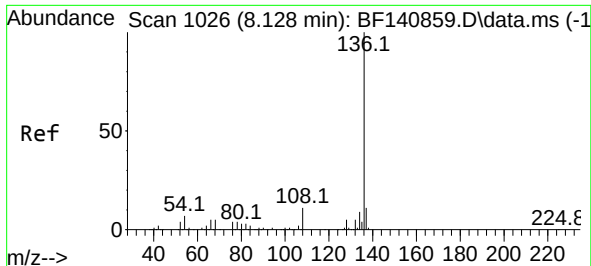
Tgt Ion: 99 Resp: 779978
Ion Ratio Lower Upper
99 100
42 17.3 14.3 21.5
71 36.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.522 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion: 70 Resp: 72405
Ion Ratio Lower Upper
70 100
42 45.7 45.3 67.9
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#

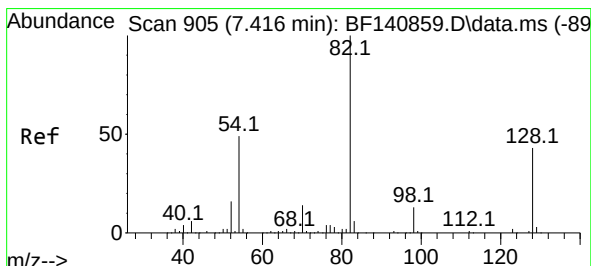
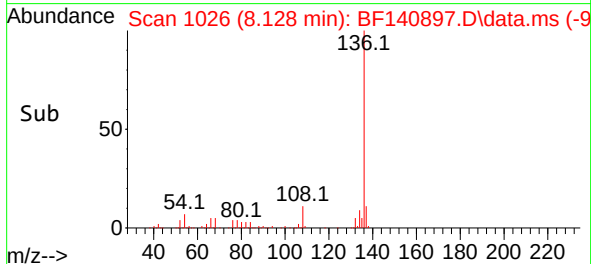
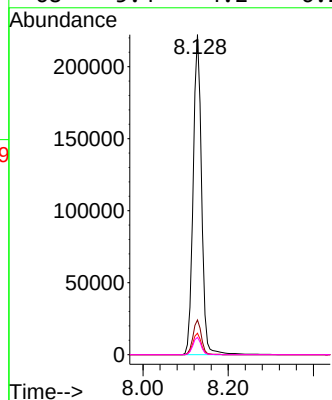
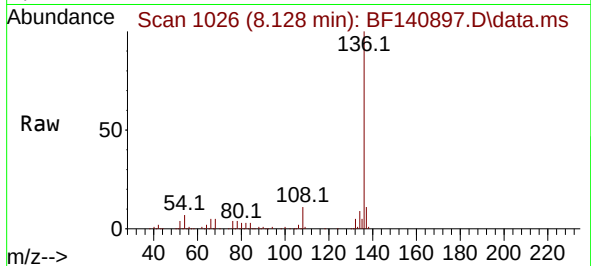




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

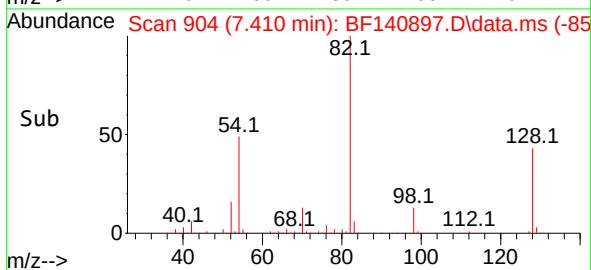
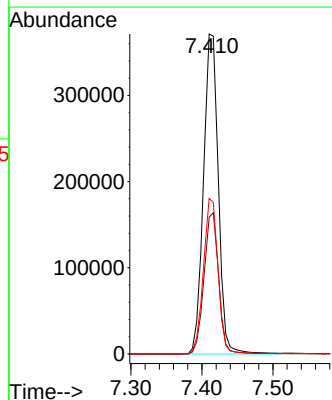
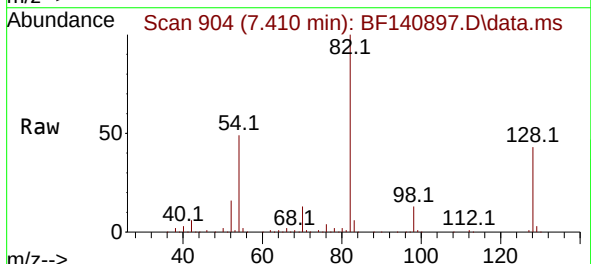
Instrument :
BNA_F
ClientSampleId :
PB165648BL

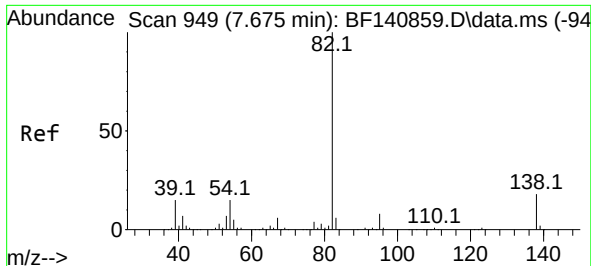
Tgt Ion:	136	Resp:	304412
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.6	8.4
68	5.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 89.082 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion:	82	Resp:	542013
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.4	51.6
54	48.6	38.8	58.2

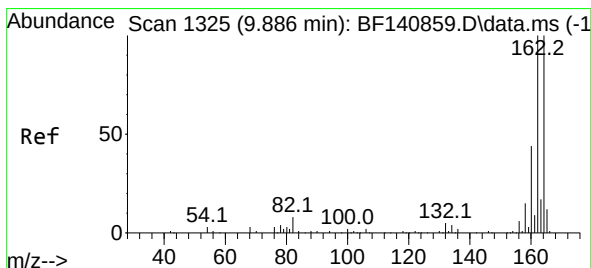
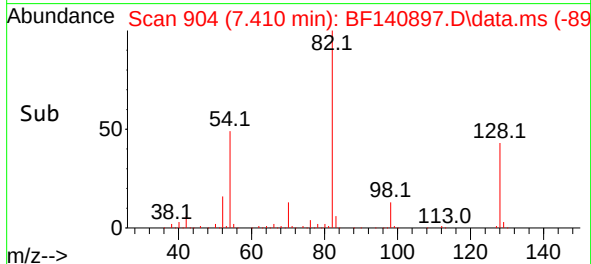
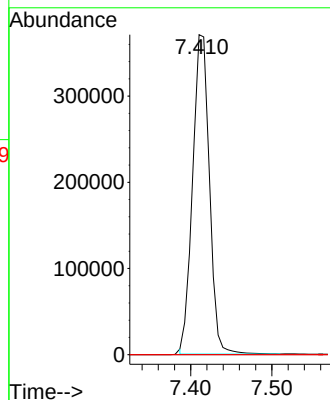
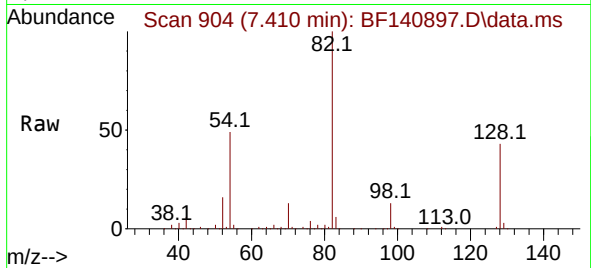




#25
Isophorone
Concen: 52.329 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

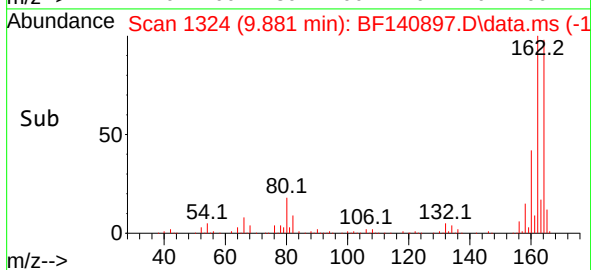
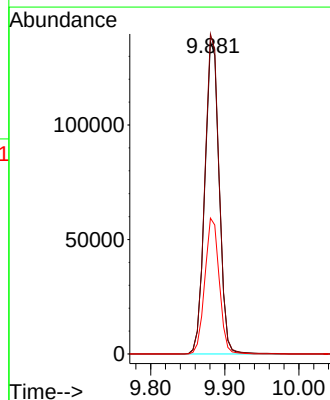
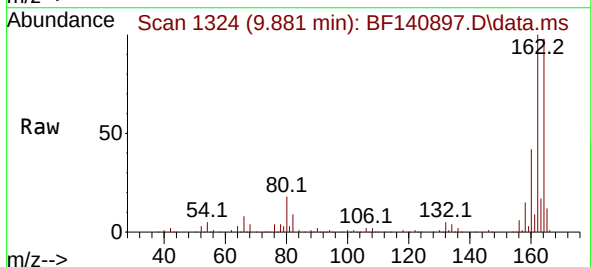
Instrument :
BNA_F
ClientSampleId :
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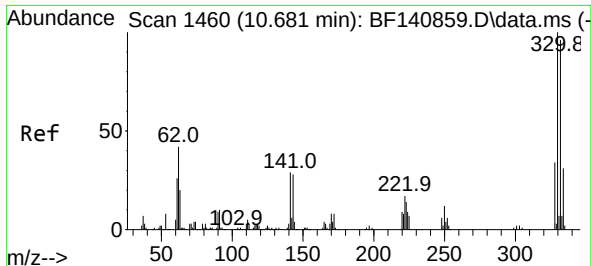
Tgt Ion: 82 Resp: 533486
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion:164 Resp: 183535
Ion Ratio Lower Upper
164 100
162 102.3 79.9 119.9
160 43.4 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 119.743 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140897.D

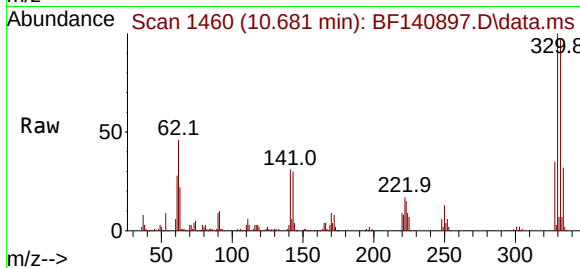
Acq: 18 Dec 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB165648BL



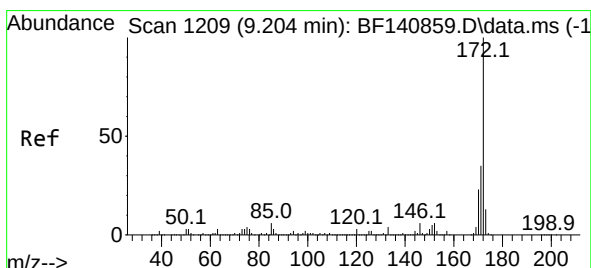
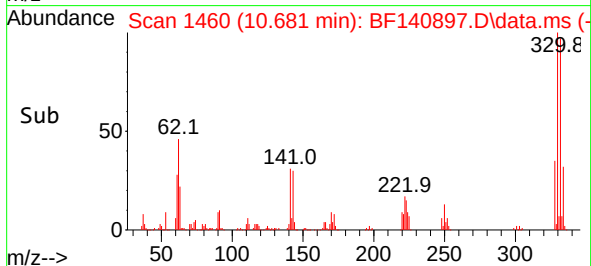
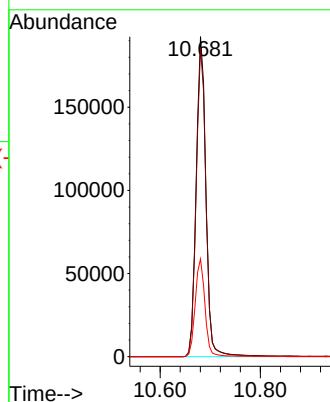
Tgt Ion:330 Resp: 259926

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 30.9 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 84.173 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140897.D

Acq: 18 Dec 2024 11:27

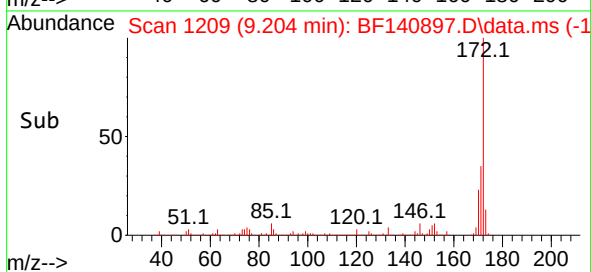
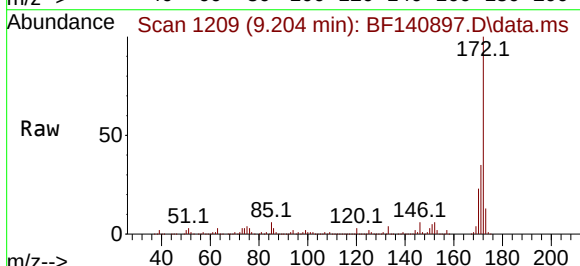
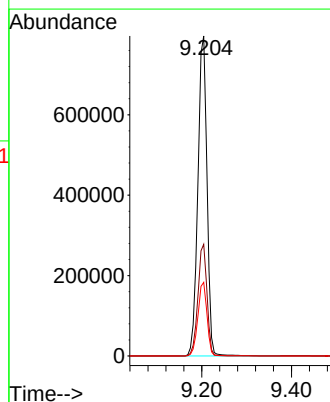
Tgt Ion:172 Resp: 1123659

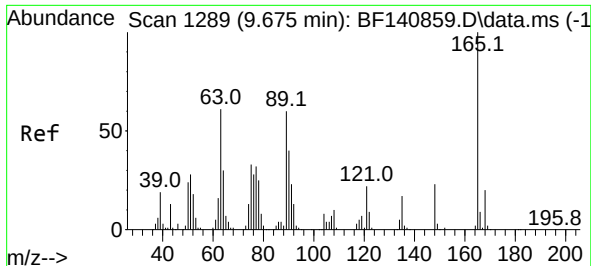
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.0 18.6 28.0

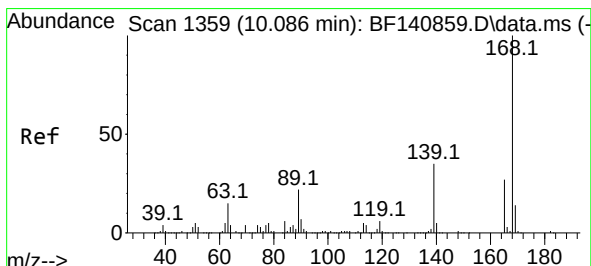
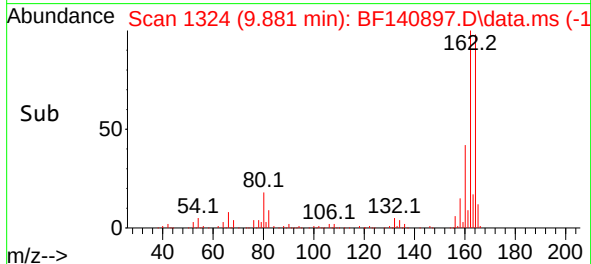
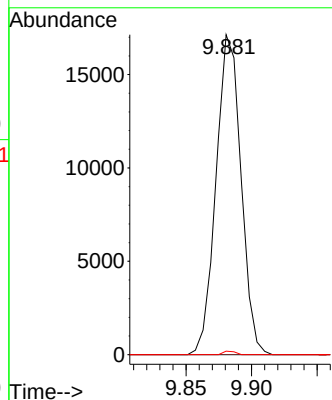
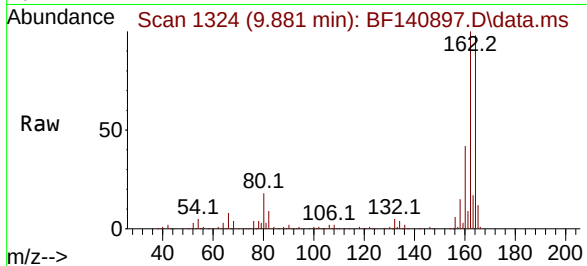




#51
2,6-Dinitrotoluene
Concen: 7.659 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

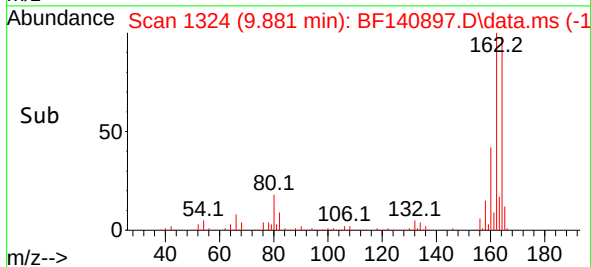
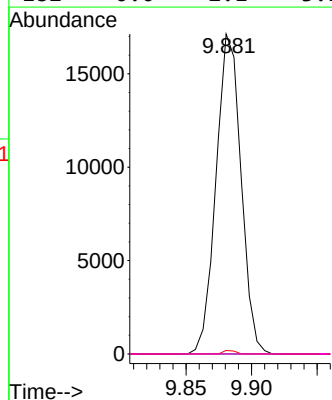
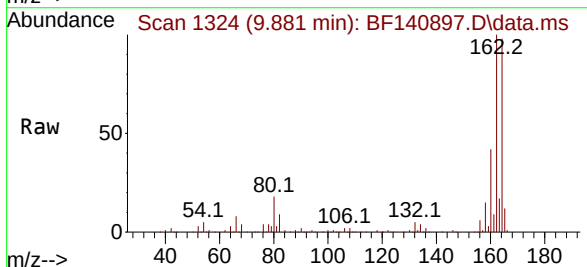
Instrument :
BNA_F
ClientSampleId :
PB165648BL

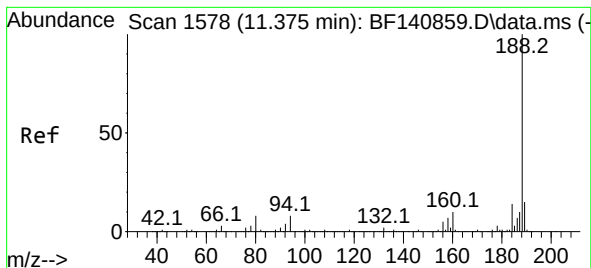
Tgt Ion:165 Resp: 22657
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 1.1 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 5.821 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Tgt Ion:165 Resp: 22657
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 1.1 66.2 99.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140897.D

Acq: 18 Dec 2024 11:27

Instrument :

BNA_F

ClientSampleId :

PB165648BL

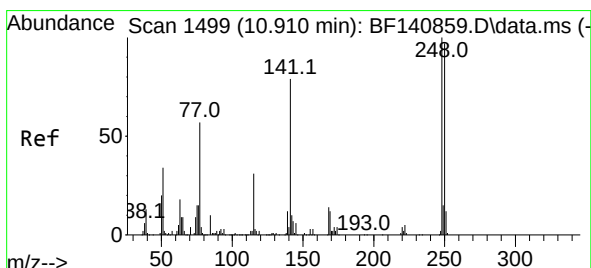
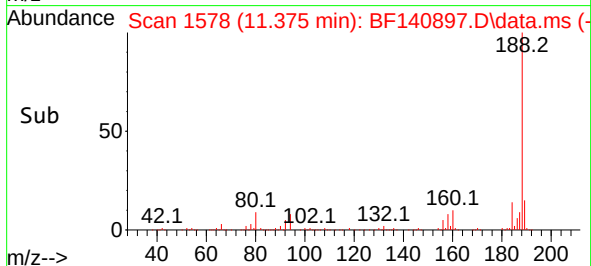
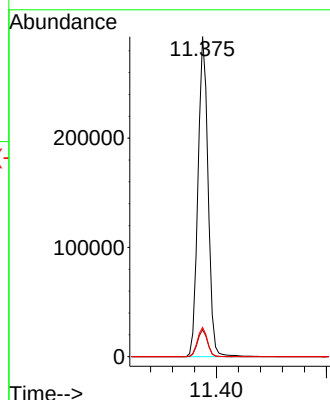
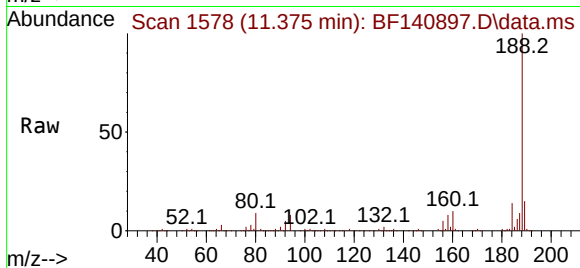
Tgt Ion:188 Resp: 373254

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.1 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 3.946 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.229 min

Lab File: BF140897.D

Acq: 18 Dec 2024 11:27

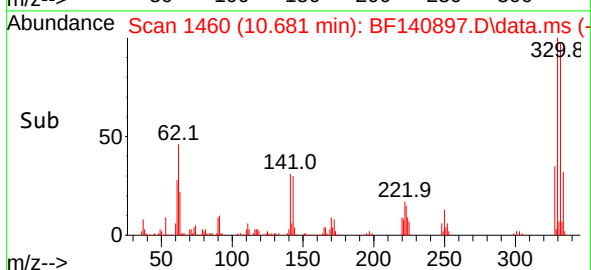
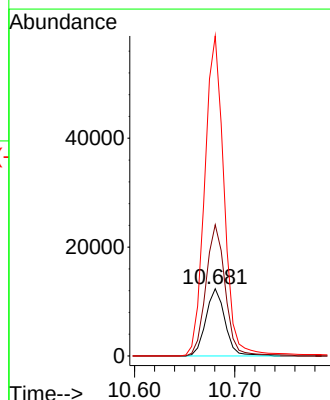
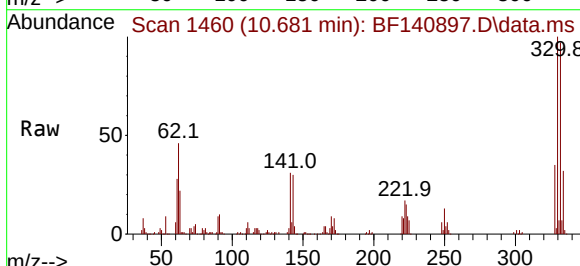
Tgt Ion:248 Resp: 16479

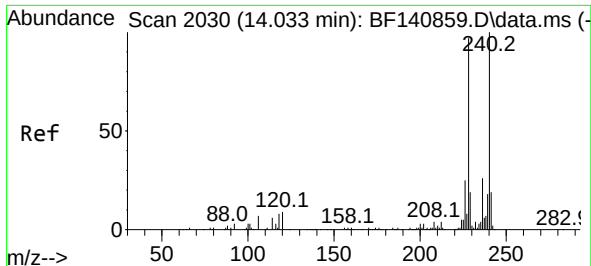
Ion Ratio Lower Upper

248 100

250 195.3 77.4 116.2#

141 476.2 62.9 94.3#

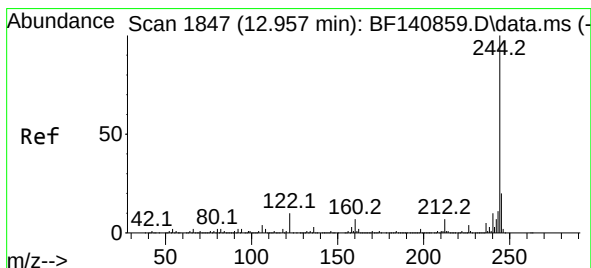
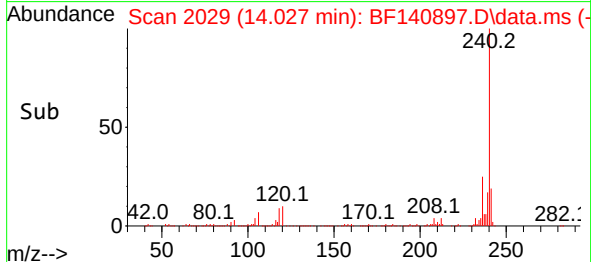
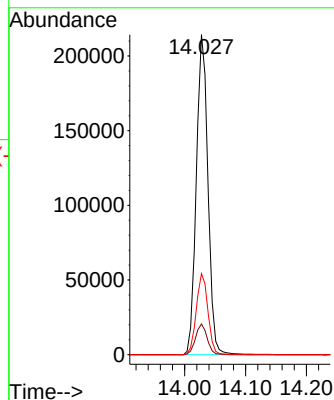
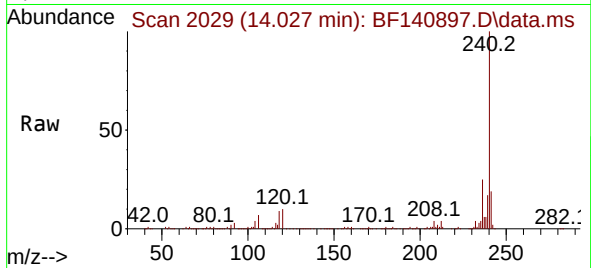




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

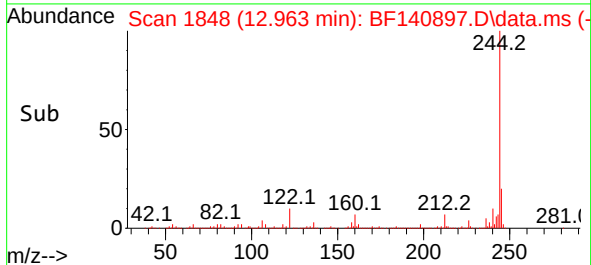
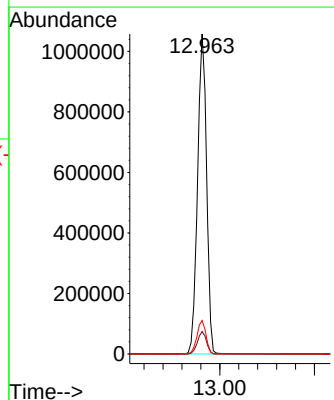
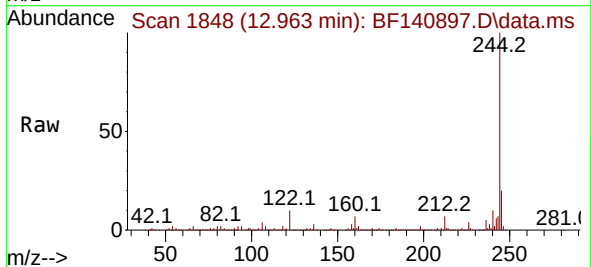
Instrument :
BNA_F
ClientSampleId :
PB165648BL

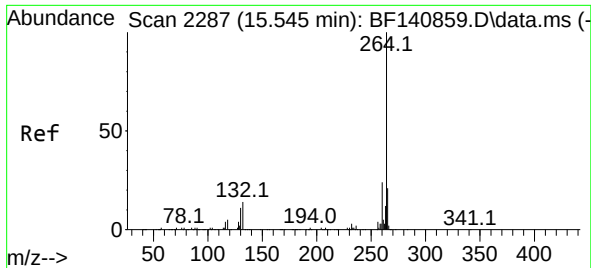
Tgt Ion:240 Resp: 284135
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 77.770 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.006 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

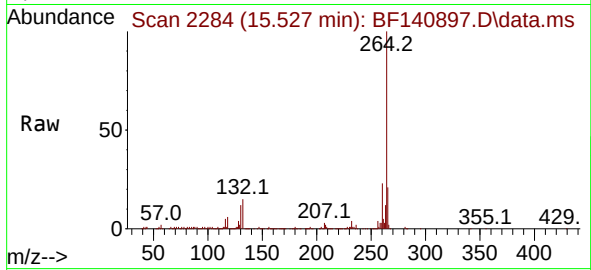
Tgt Ion:244 Resp: 1401330
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.5 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140897.D
Acq: 18 Dec 2024 11:27

Instrument :
BNA_F
ClientSampleId :
PB165648BL



Tgt Ion:264 Resp: 222606

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.1	28.7
265	21.3	17.0	25.4

