

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136619.D
 Acq On : 18 Dec 2023 17:36
 Operator : CG\JU
 Sample : 05758-28RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-4RE

Quant Time: Dec 18 18:01:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 00:33:23 2023
 Response via : Initial Calibration

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

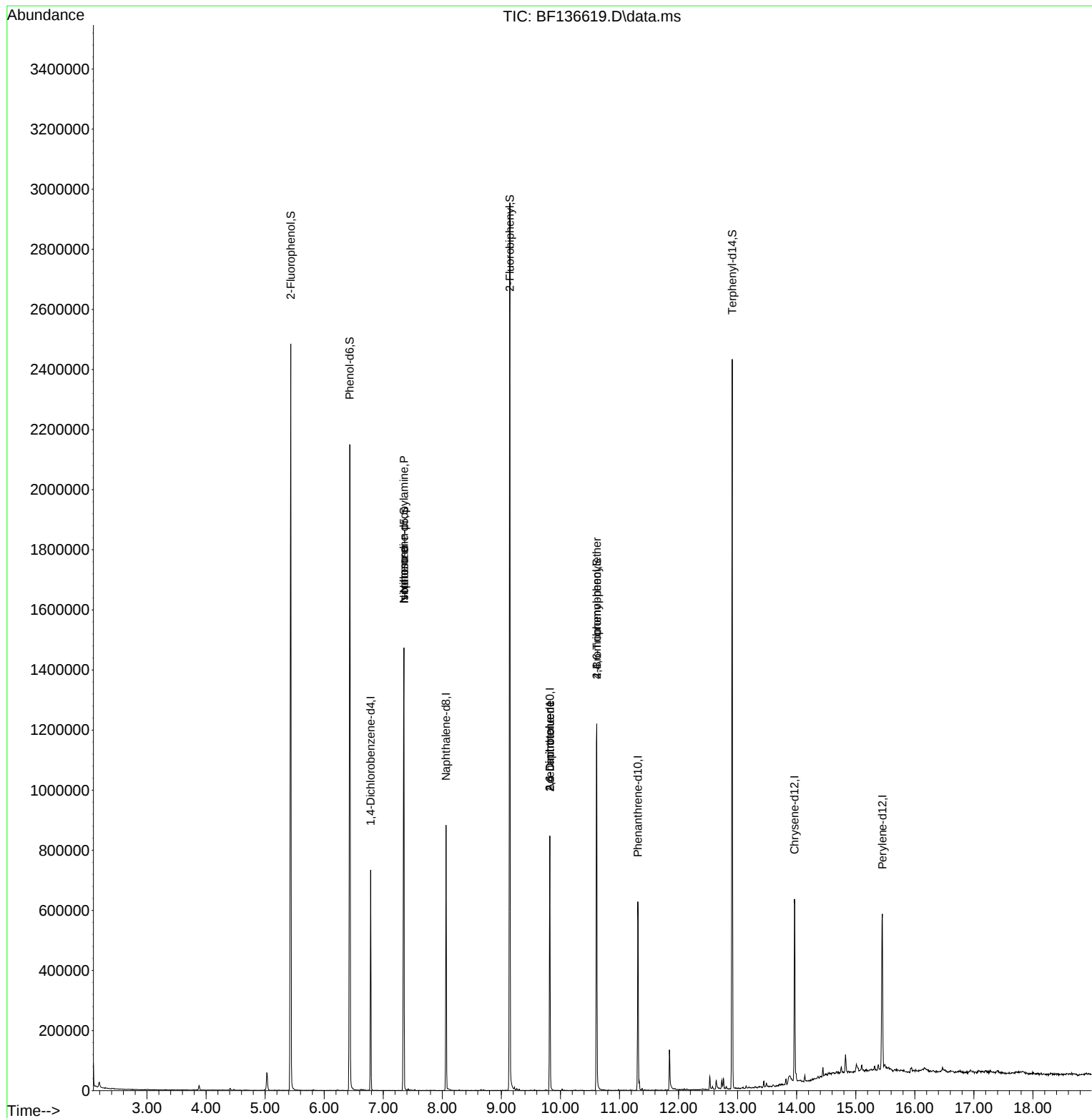
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98320	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	365052	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	163107	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	241521	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212890	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	252548	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	685897	103.026	ng	0.01
7) Phenol-d6	6.434	99	825551	99.389	ng	0.00
23) Nitrobenzene-d5	7.351	82	487556	72.202	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	167263	83.169	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	939818	78.622	ng	0.00
79) Terphenyl-d14	12.910	244	799741	49.514	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	1376	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	63068	13.162	ng	# 75
25) Isophorone	7.351	82	487551	40.188	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	20595	7.623	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	20595	5.763	ng	# 28
67) 4-Bromophenyl-phenylether	10.616	248	10559	3.760	ng	# 1
77) Benizidine	12.910	184	8805	Below Cal	#	88

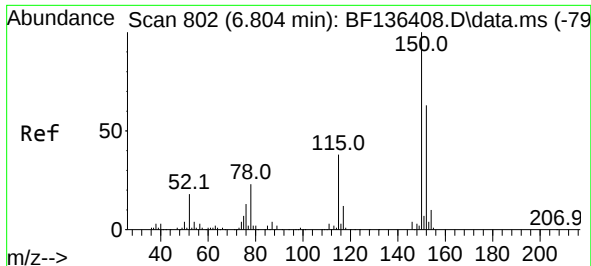
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
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ALS Vial : 14 Sample Multiplier: 1

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BNA_F
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Quant Time: Dec 18 18:01:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

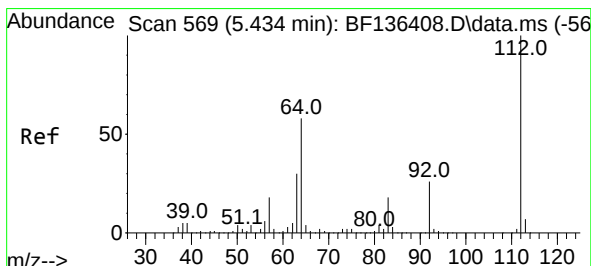
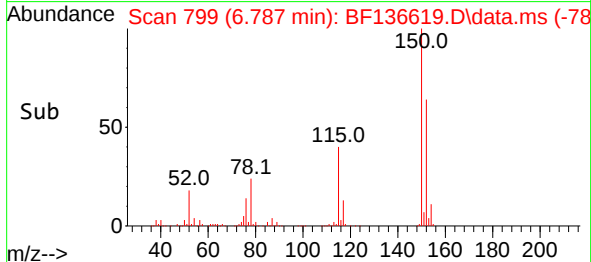
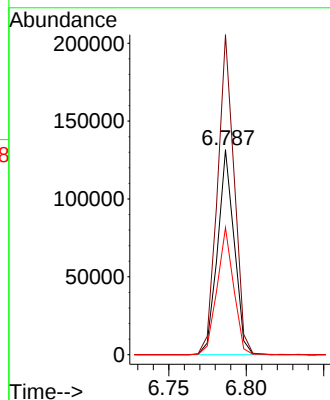
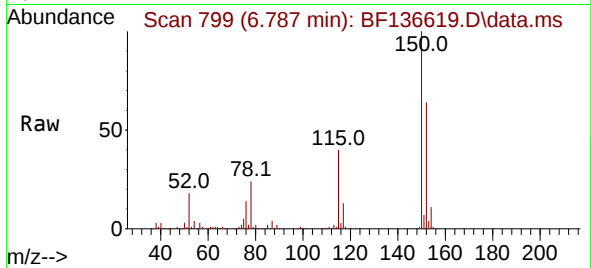




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

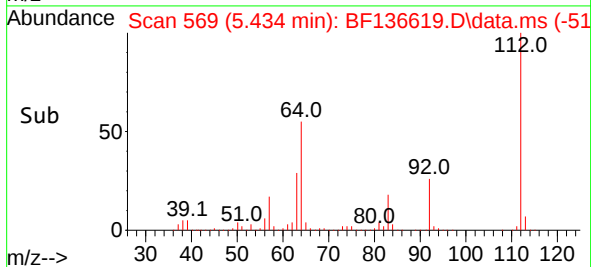
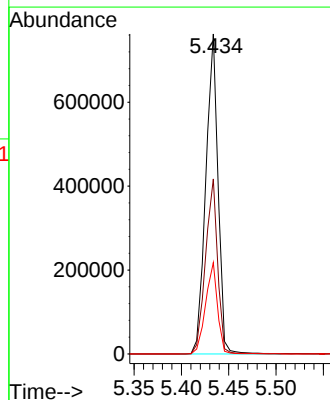
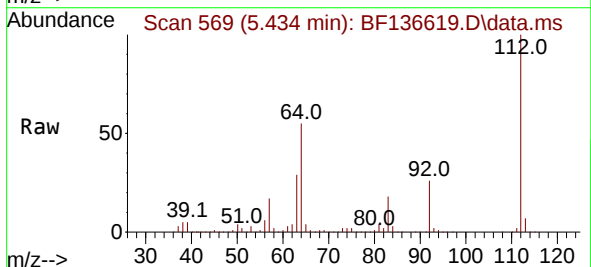
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

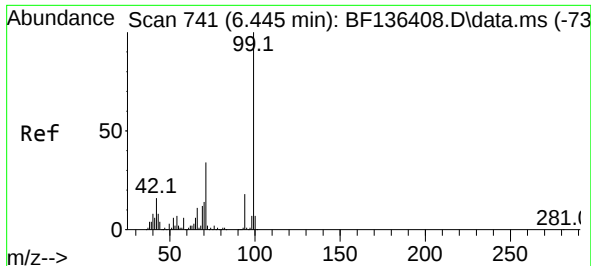
Tgt Ion:152 Resp: 98320
Ion Ratio Lower Upper
152 100
150 156.1 126.4 189.6
115 62.0 48.2 72.4



#5
2-Fluorophenol
Concen: 103.026 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion:112 Resp: 685897
Ion Ratio Lower Upper
112 100
64 54.7 46.5 69.7
63 28.5 23.9 35.9

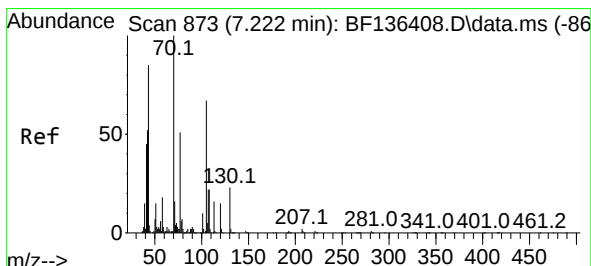
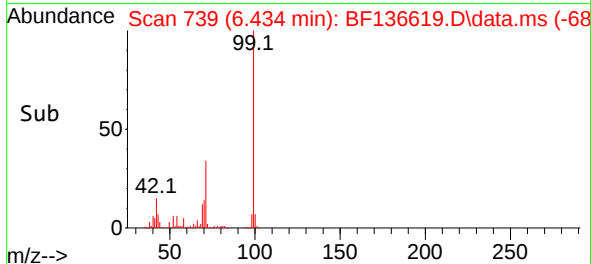
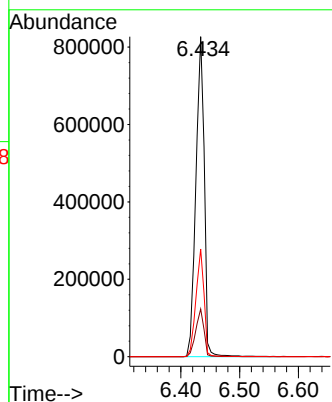
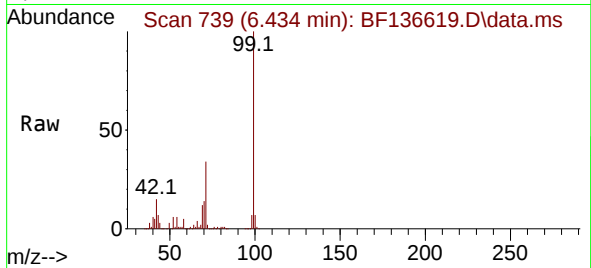




#7
Phenol-d6
Concen: 99.389 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

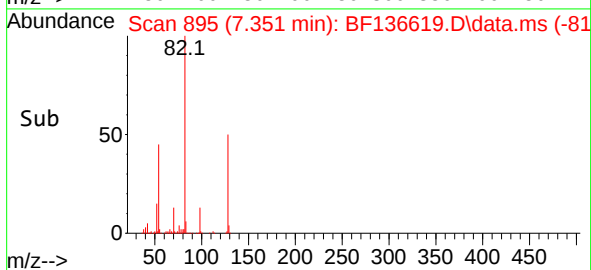
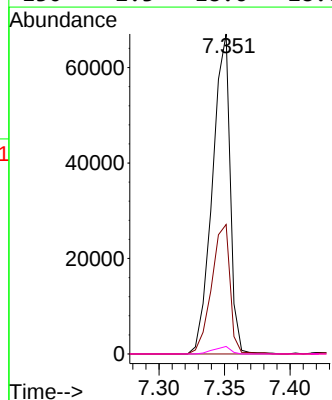
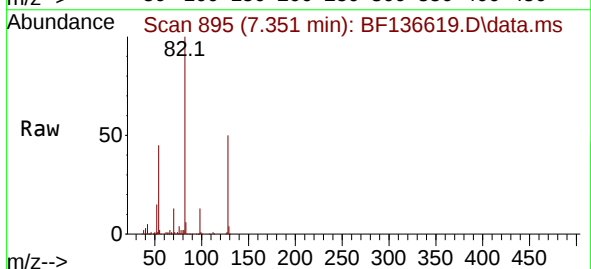
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

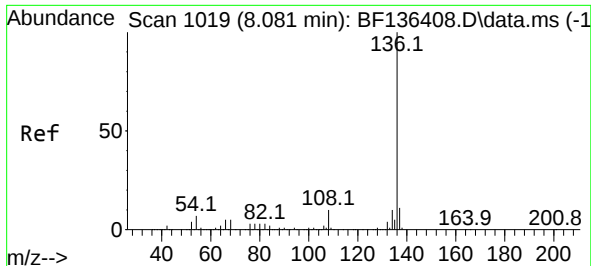
Tgt Ion: 99 Resp: 825551
Ion Ratio Lower Upper
99 100
42 14.9 12.8 19.2
71 33.6 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.162 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.147 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion: 70 Resp: 63068
Ion Ratio Lower Upper
70 100
42 40.5 41.4 62.0#
101 0.0 8.2 12.4#
130 2.3 18.6 28.0#

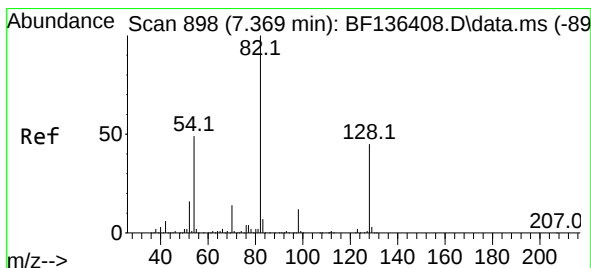
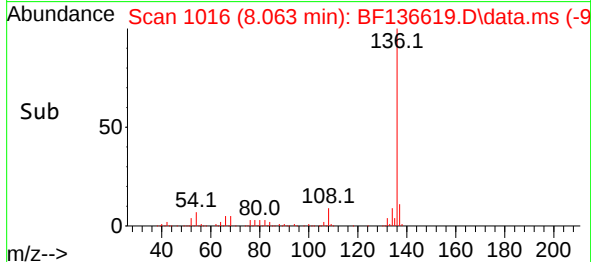
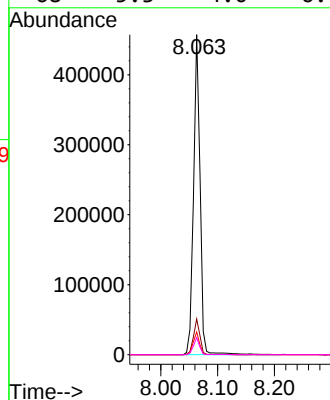
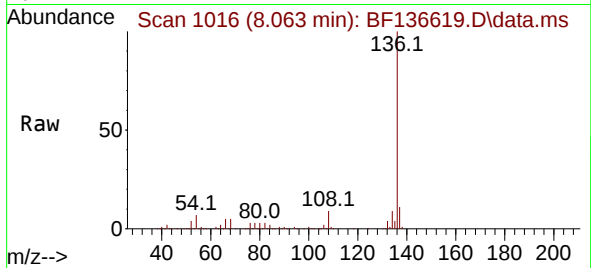




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

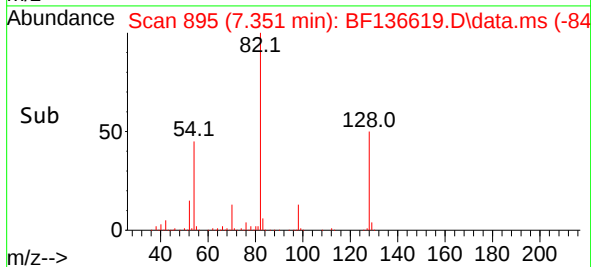
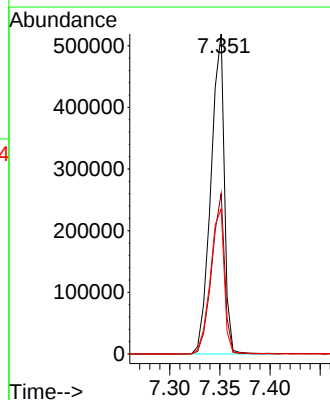
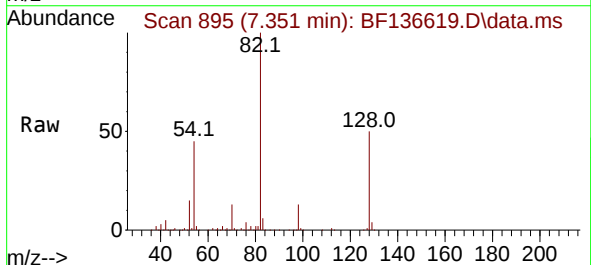
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

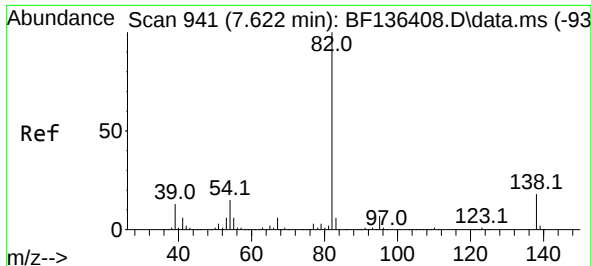
Tgt Ion:136 Resp: 365052
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.1 5.7 8.5
68 5.3 4.0 6.0



#23
Nitrobenzene-d5
Concen: 72.202 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion: 82 Resp: 487556
Ion Ratio Lower Upper
82 100
128 50.1 36.3 54.5
54 45.3 39.0 58.6

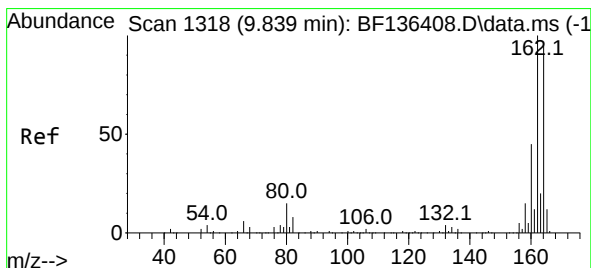
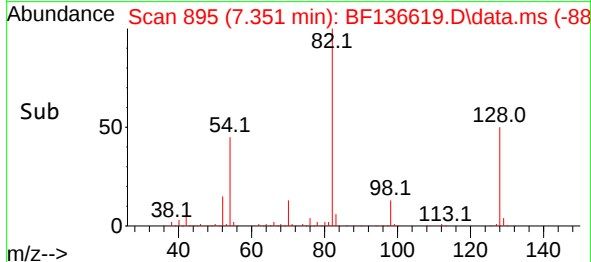
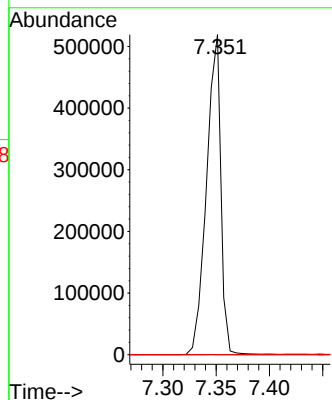
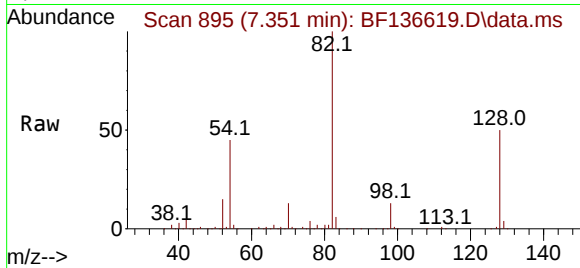




#25
Isophorone
Concen: 40.188 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.259 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

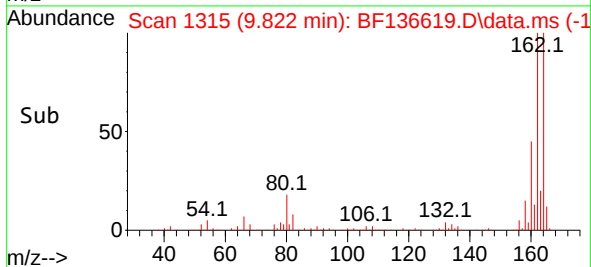
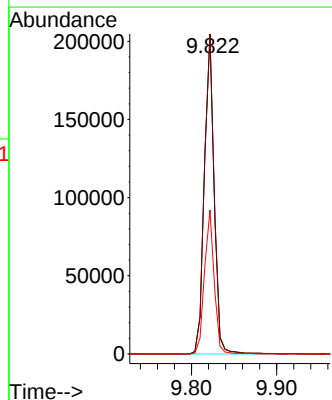
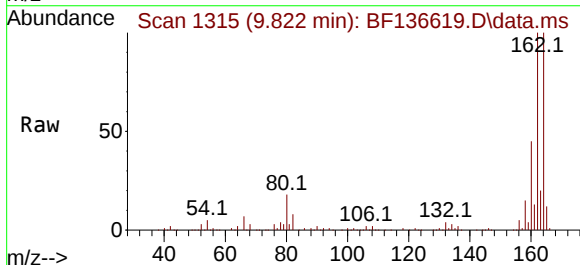
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

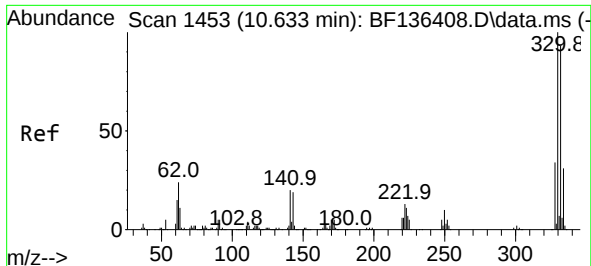
Tgt Ion: 82 Resp: 487551
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion: 164 Resp: 163107
Ion Ratio Lower Upper
164 100
162 100.3 84.4 126.6
160 45.1 37.6 56.4

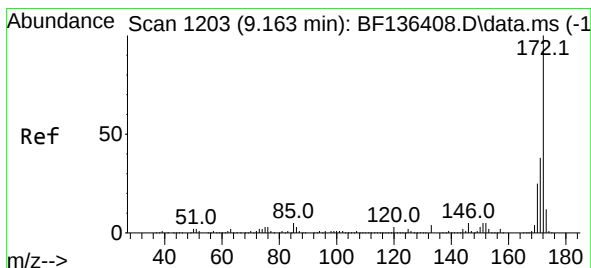
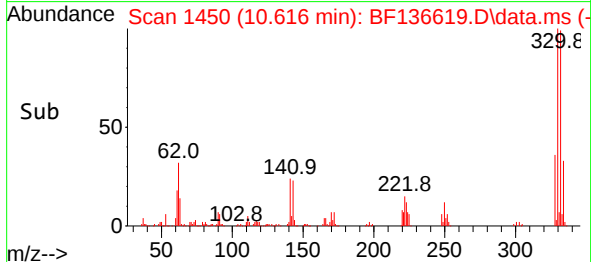
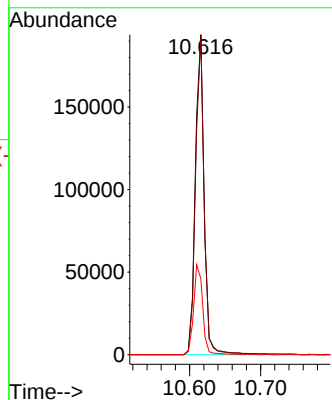
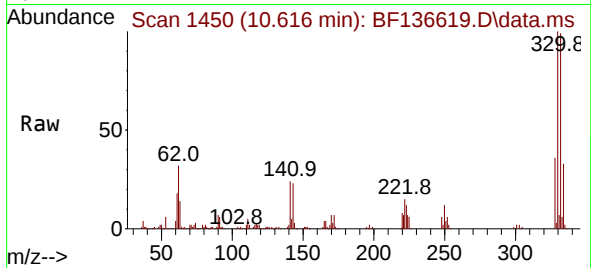




#42
2,4,6-Tribromophenol
Concen: 83.169 ng
RT: 10.616 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

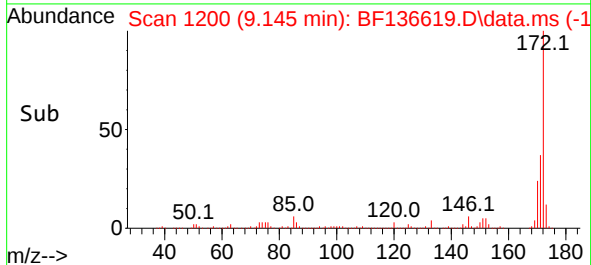
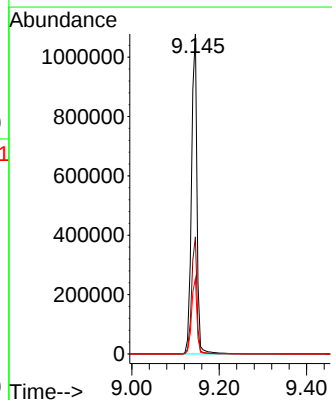
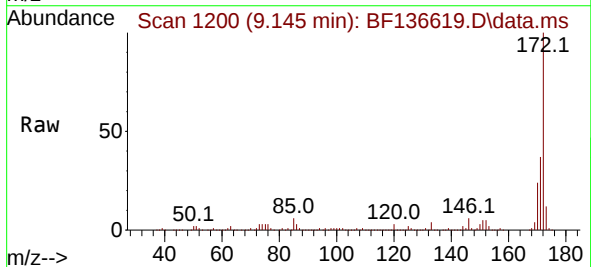
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

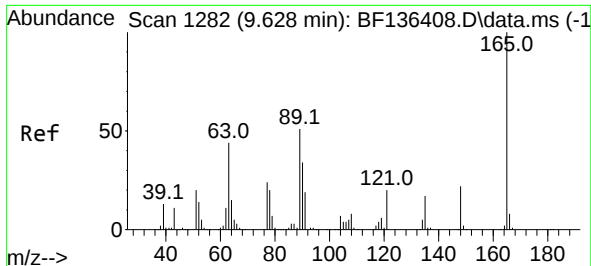
Tgt Ion:330 Resp: 167263
Ion Ratio Lower Upper
330 100
332 97.2 76.4 114.6
141 29.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 78.622 ng
RT: 9.145 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion:172 Resp: 939818
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.6 19.9 29.9





#51

2,6-Dinitrotoluene

Concen: 7.623 ng

RT: 9.822 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF136619.D

Acq: 18 Dec 2023 17:36

Instrument :

BNA_F

ClientSampleId :

SP-COMP-4RE

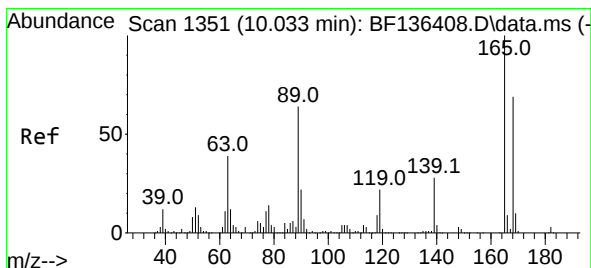
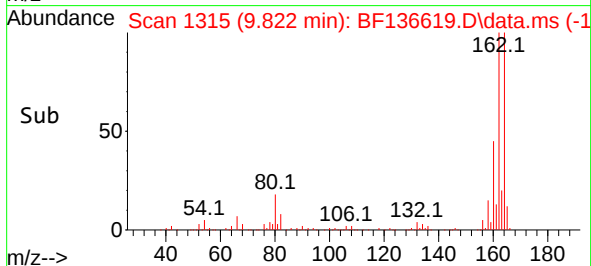
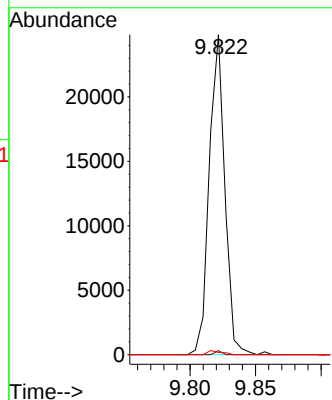
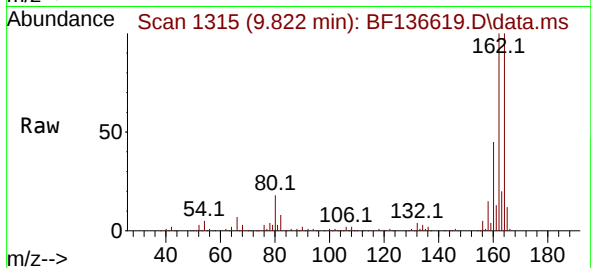
Tgt Ion:165 Resp: 20595

Ion Ratio Lower Upper

165 100

63 1.2 40.4 60.6#

89 0.7 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 5.763 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.200 min

Lab File: BF136619.D

Acq: 18 Dec 2023 17:36

Tgt Ion:165 Resp: 20595

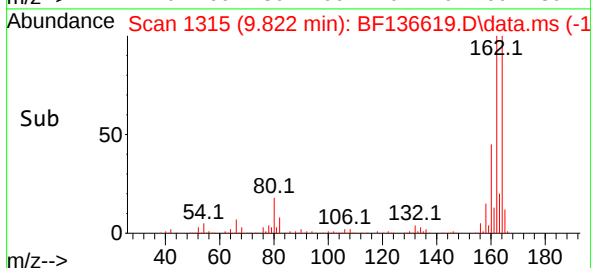
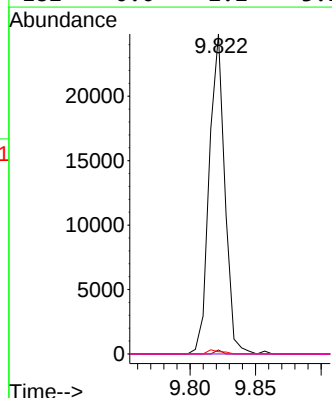
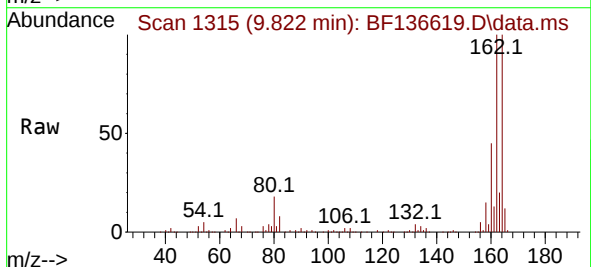
Ion Ratio Lower Upper

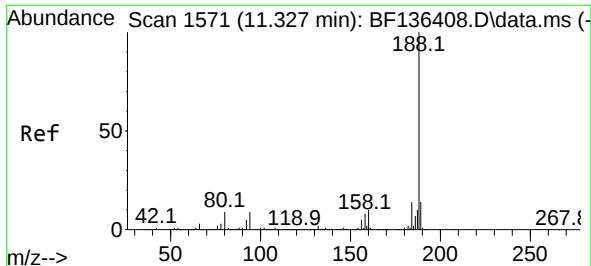
165 100

63 1.2 31.4 47.2#

89 0.7 51.7 77.5#

182 0.0 2.2 3.2#

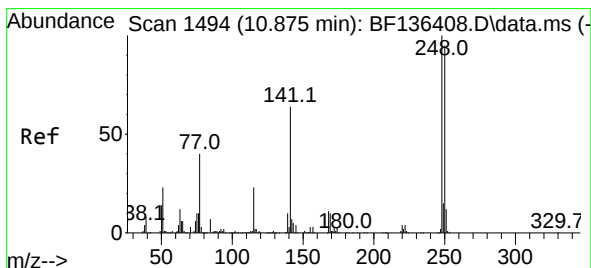
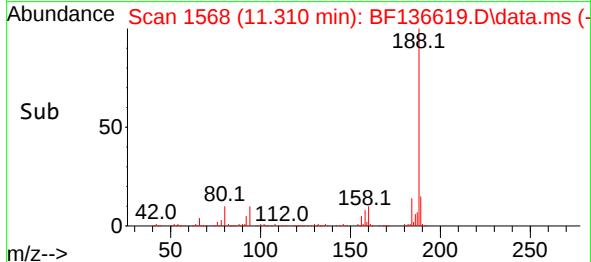
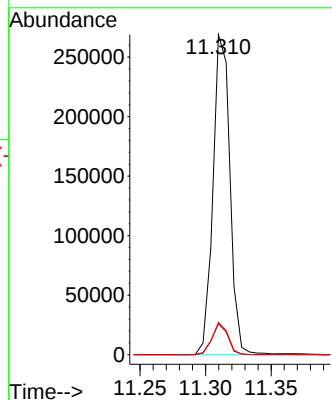
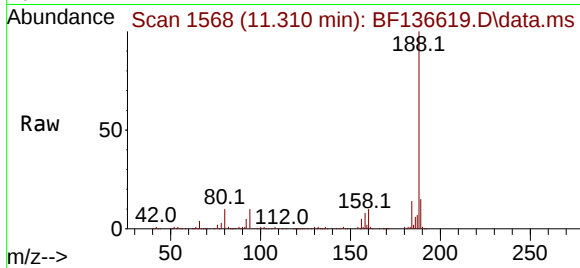




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

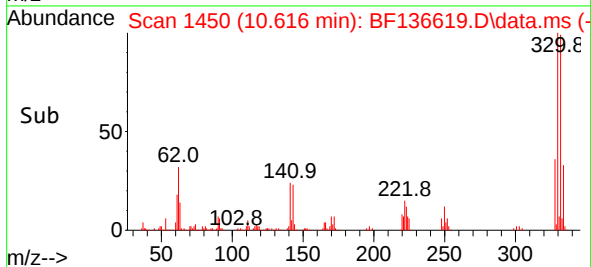
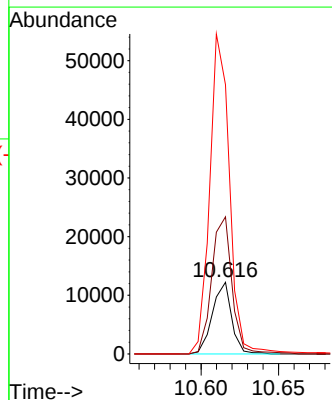
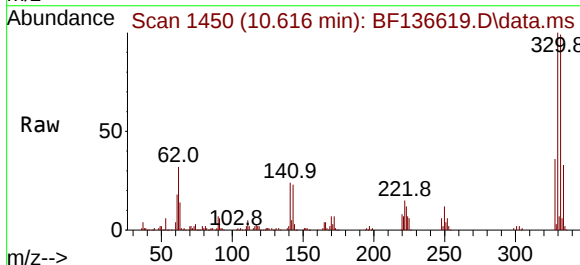
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

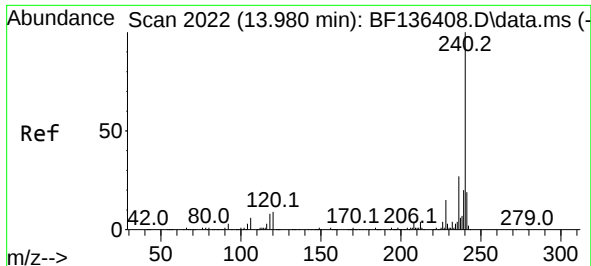
Tgt Ion:188 Resp: 241521
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.1 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.760 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion:248 Resp: 10559
Ion Ratio Lower Upper
248 100
250 191.4 76.2 114.2#
141 375.9 51.0 76.4#

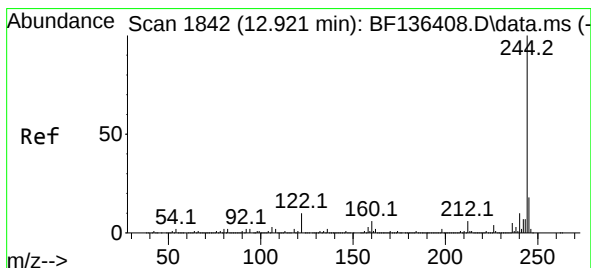
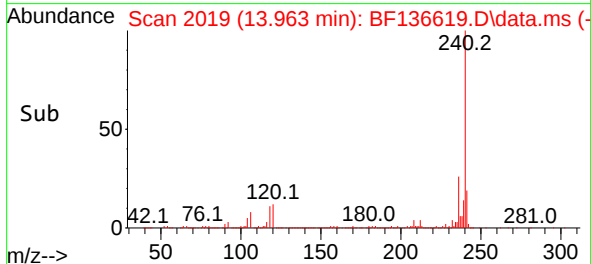
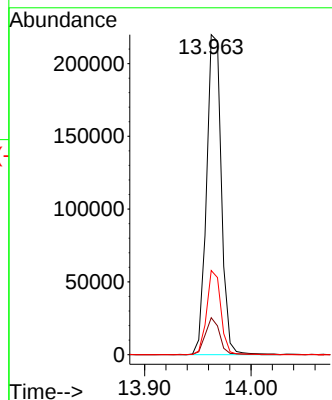
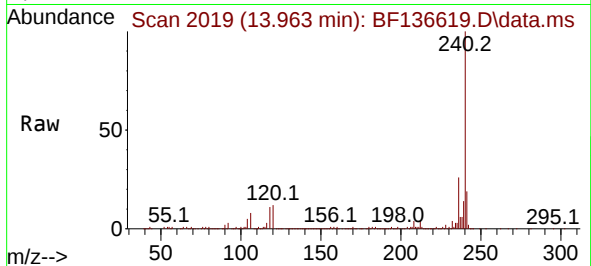




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

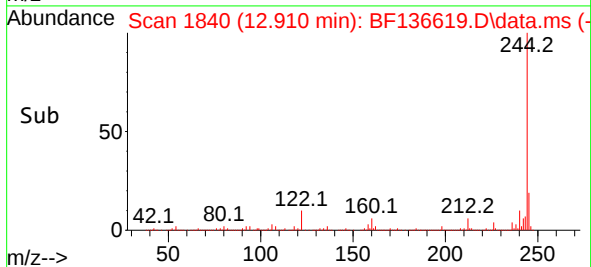
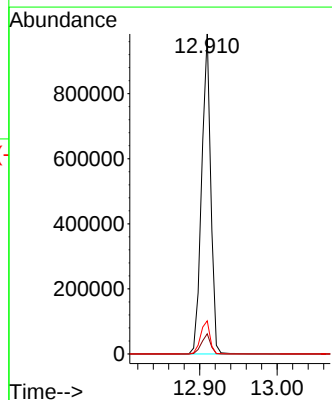
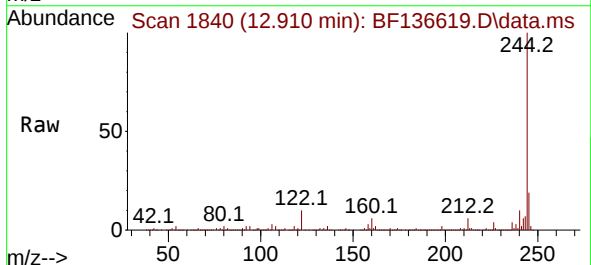
Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

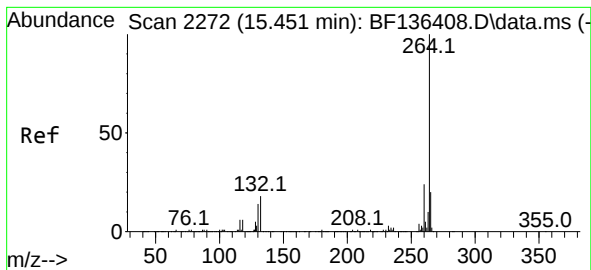
Tgt Ion:240 Resp: 212890
Ion Ratio Lower Upper
240 100
120 11.5 7.3 10.9#
236 26.3 21.3 31.9



#79
Terphenyl-d14
Concen: 49.514 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Tgt Ion:244 Resp: 799741
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.3 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136619.D
Acq: 18 Dec 2023 17:36

Instrument :
BNA_F
ClientSampleId :
SP-COMP-4RE

Tgt Ion:264 Resp: 252548

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	15.9	23.9

