

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136618.D
 Acq On : 18 Dec 2023 17:05
 Operator : CG\JU
 Sample : 05758-37RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP-5

Quant Time: Dec 18 17:26:12 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)

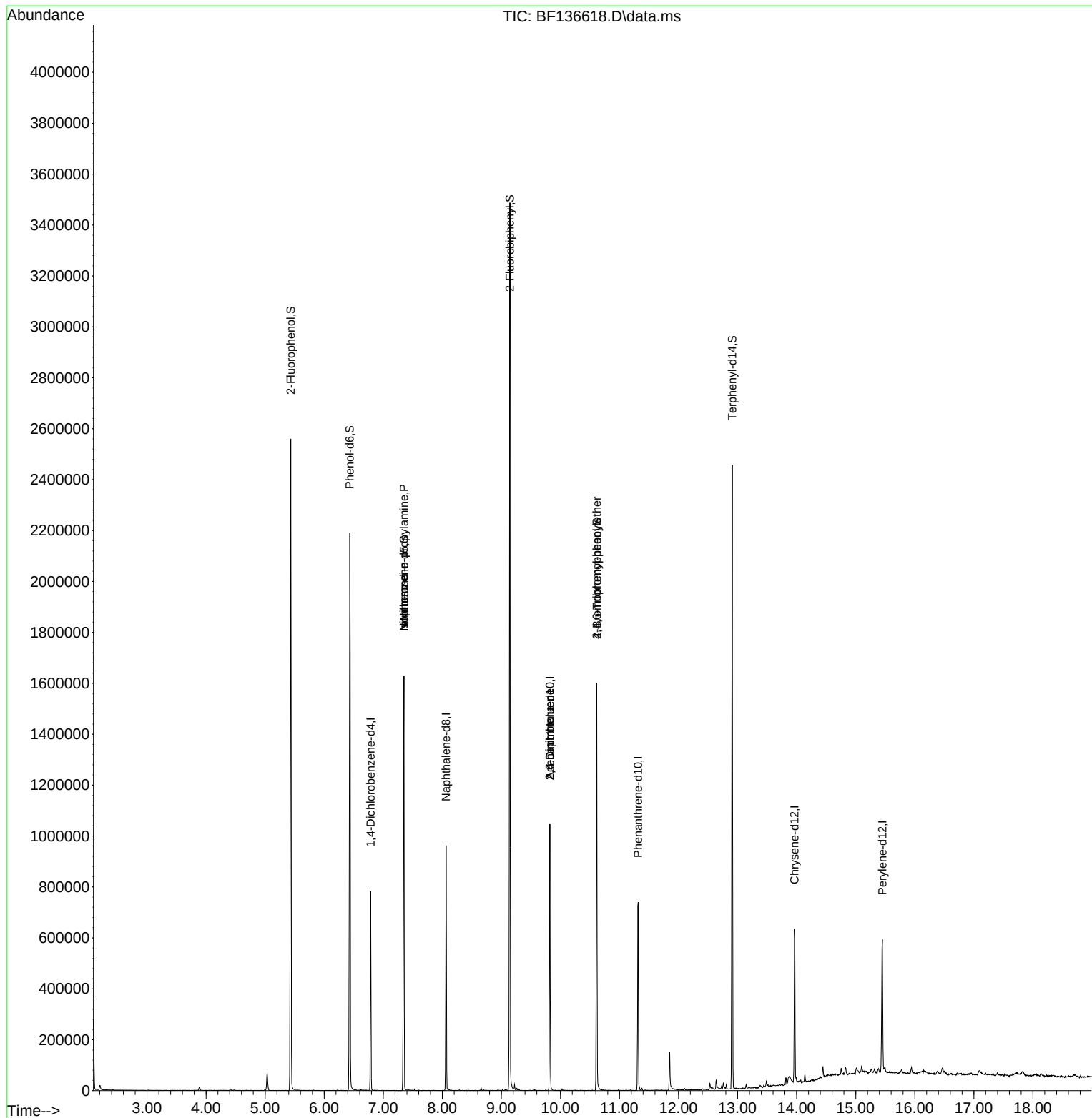
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	105939	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	399546	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	191410	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	295108	20.000	ng	0.00
76) Chrysene-d12	13.962	240	209620	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	253304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	720089	100.383	ng	0.01
7) Phenol-d6	6.434	99	887228	99.132	ng	0.00
23) Nitrobenzene-d5	7.351	82	530094	71.724	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	201487	85.372	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1053295	75.086	ng	0.00
79) Terphenyl-d14	12.910	244	825490	51.905	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	1192	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	69146	13.393	ng	# 74
25) Isophorone	7.351	82	530086	39.922	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	24559	7.746	ng	# 28
57) 2,4-Dinitrotoluene	9.822	165	24559	5.856	ng	# 27
67) 4-Bromophenyl-phenylether	10.616	248	12466	3.633	ng	# 1
77) Benzidine	12.910	184	9098	Below Cal	#	97

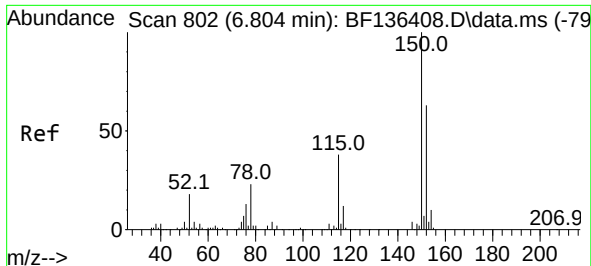
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
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Quant Time: Dec 18 17:26:12 2023
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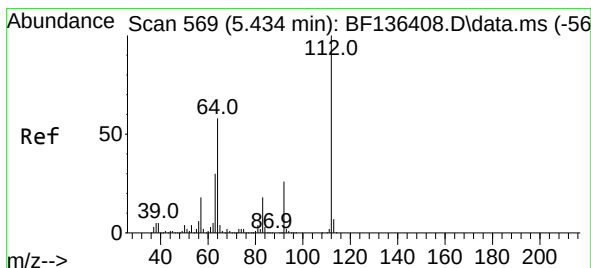
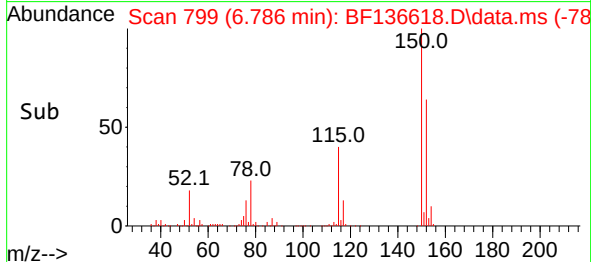
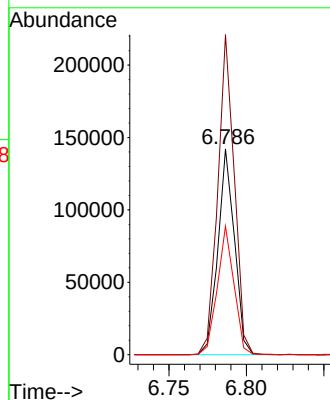
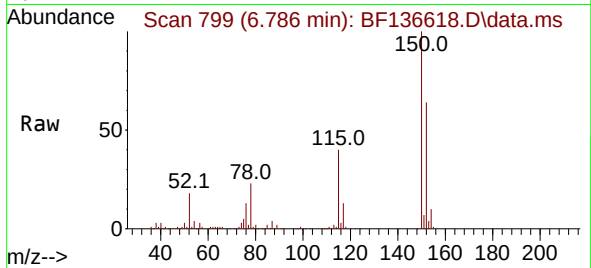




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.001 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

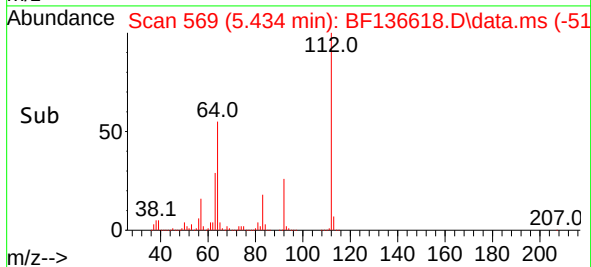
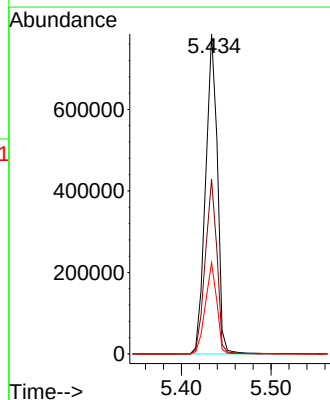
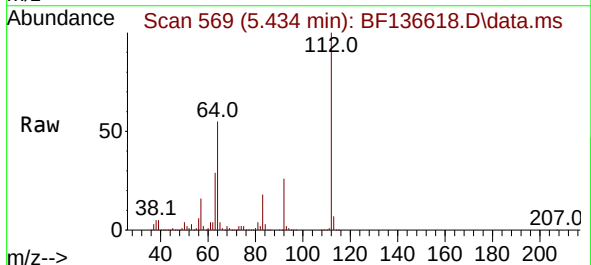
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

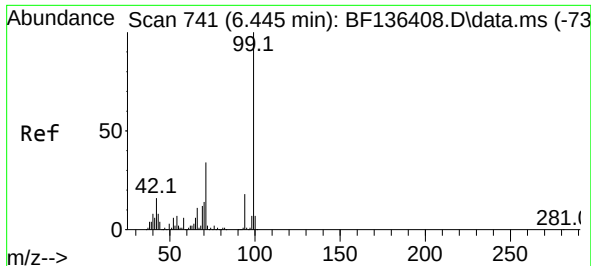
Tgt Ion:152 Resp: 105939
Ion Ratio Lower Upper
152 100
150 155.5 126.4 189.6
115 62.5 48.2 72.4



#5
2-Fluorophenol
Concen: 100.383 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion:112 Resp: 720089
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 28.5 23.9 35.9

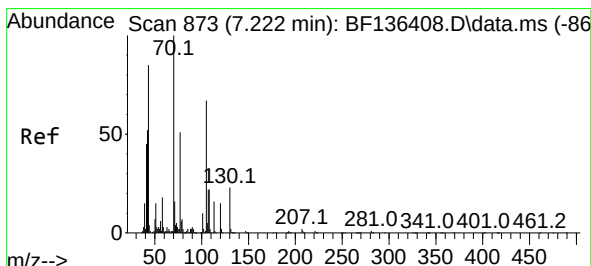
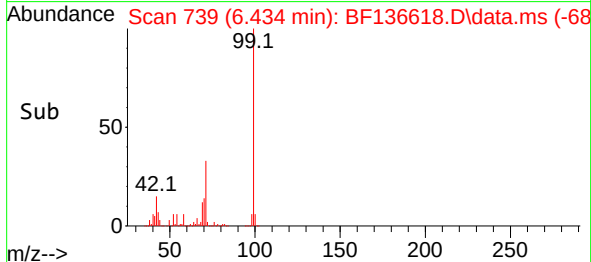
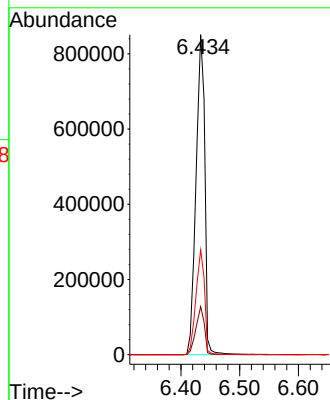
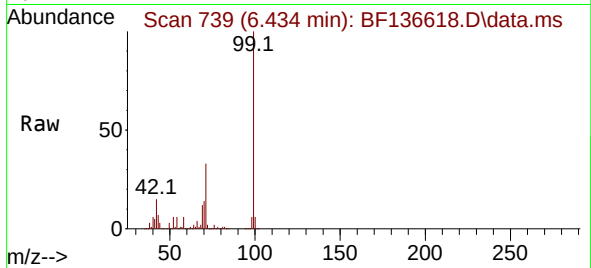




#7
Phenol-d6
Concen: 99.132 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

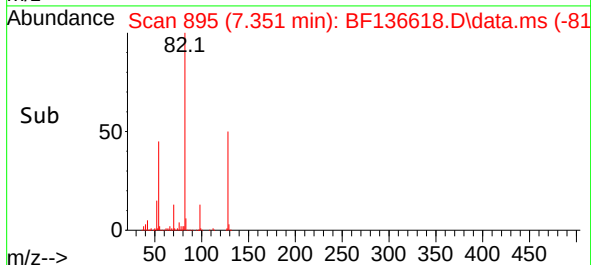
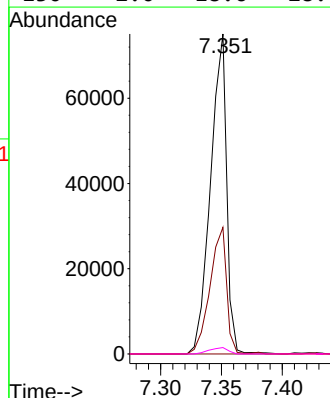
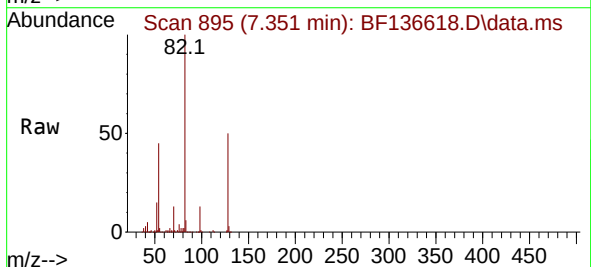
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

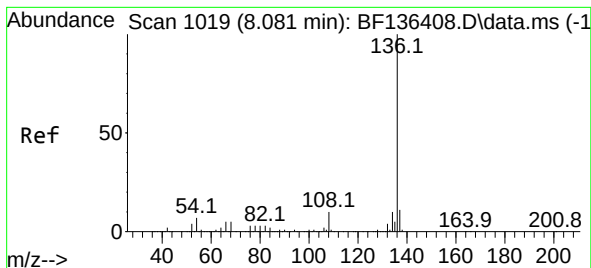
Tgt Ion: 99 Resp: 887228
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.7 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.393 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.147 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion: 70 Resp: 69146
Ion Ratio Lower Upper
70 100
42 39.5 41.4 62.0#
101 0.0 8.2 12.4#
130 2.0 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: BF136618.D

Acq: 18 Dec 2023 17:05

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5

Tgt Ion:136 Resp: 399546

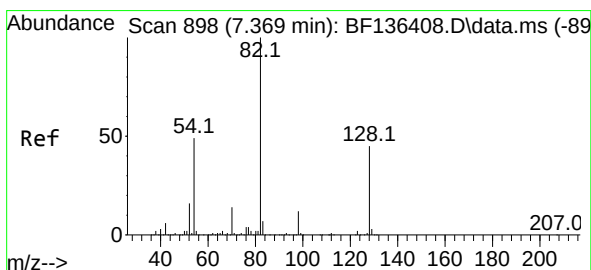
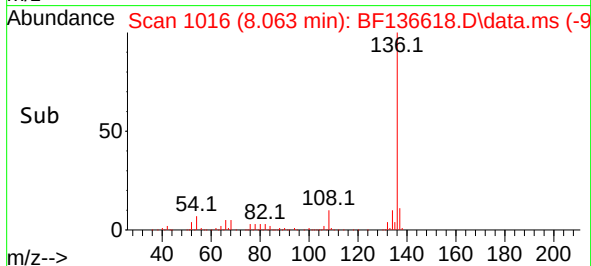
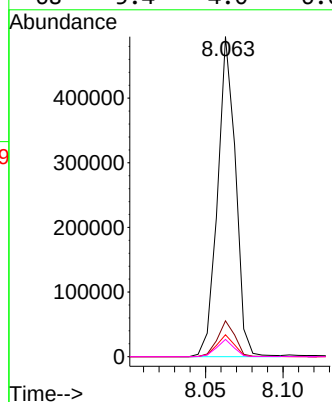
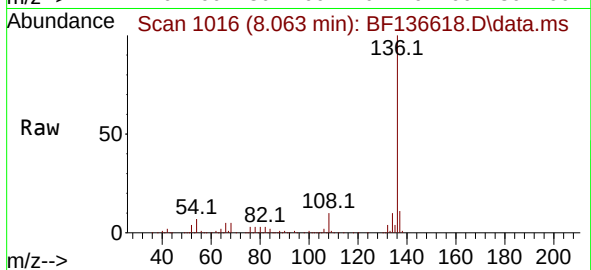
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.8 5.7 8.5

68 5.4 4.0 6.0



#23

Nitrobenzene-d5

Concen: 71.724 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

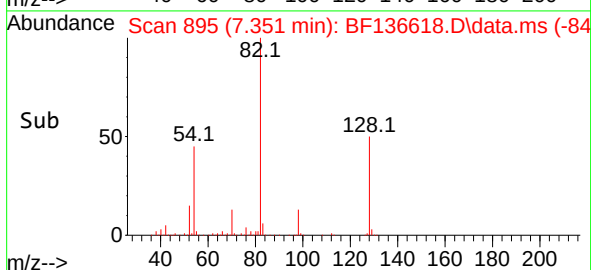
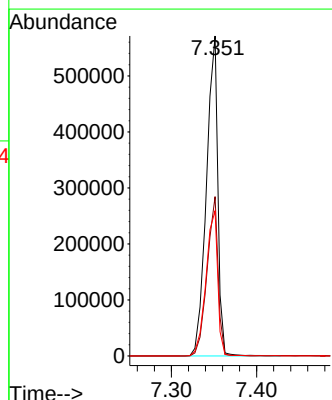
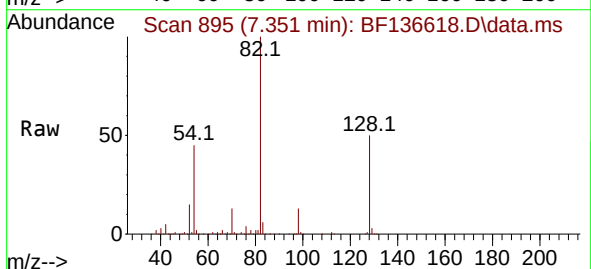
Tgt Ion: 82 Resp: 530094

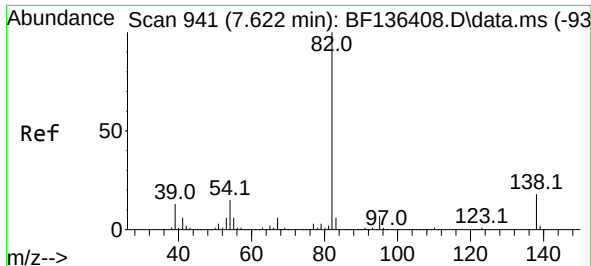
Ion Ratio Lower Upper

82 100

128 49.8 36.3 54.5

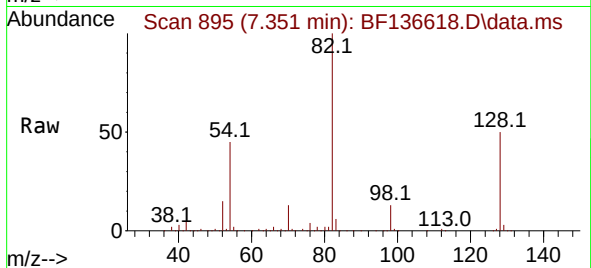
54 45.4 39.0 58.6



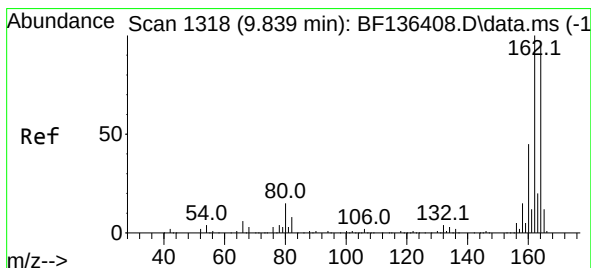
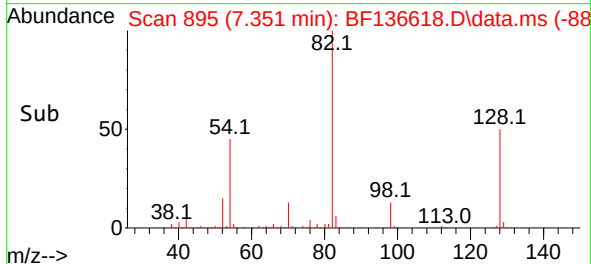
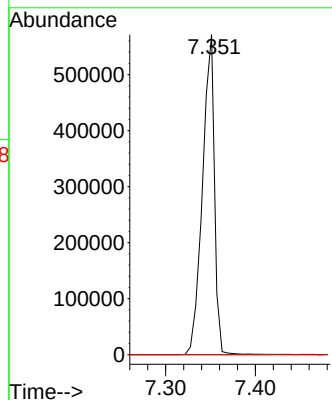


#25
Isophorone
Concen: 39.922 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.259 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

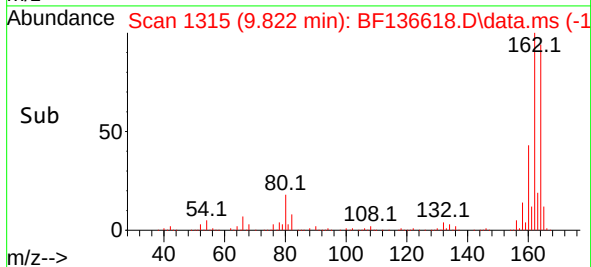
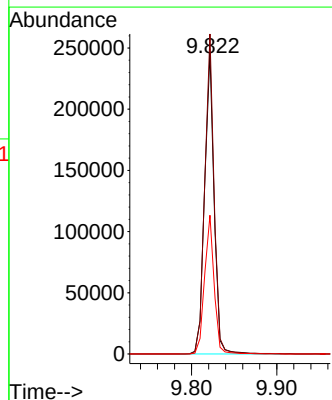
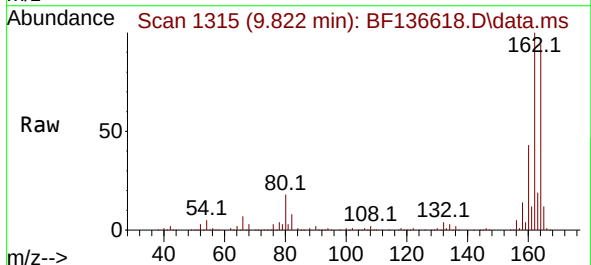


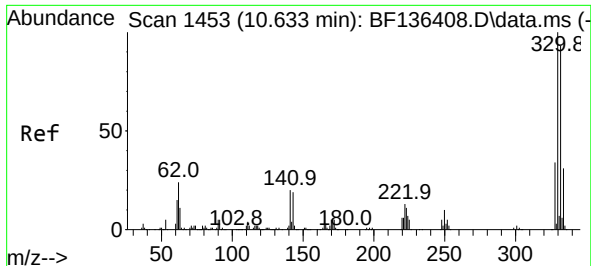
Tgt Ion: 82 Resp: 530086
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion: 164 Resp: 191410
Ion Ratio Lower Upper
164 100
162 106.2 84.4 126.6
160 46.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 85.372 ng

RT: 10.616 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

Instrument :

BNA_F

ClientSampleId :

SP-COMP-5

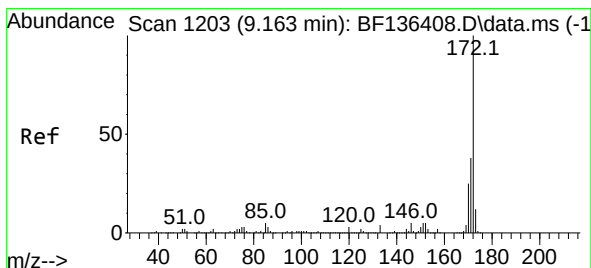
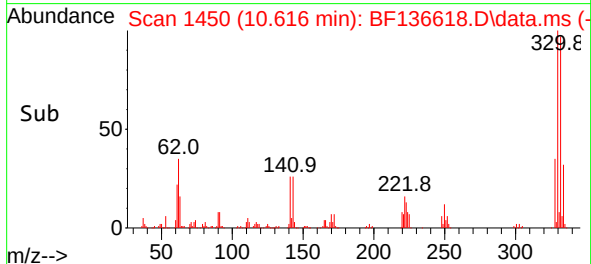
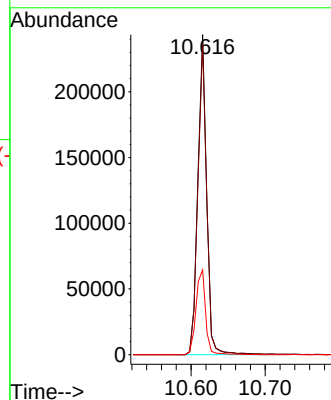
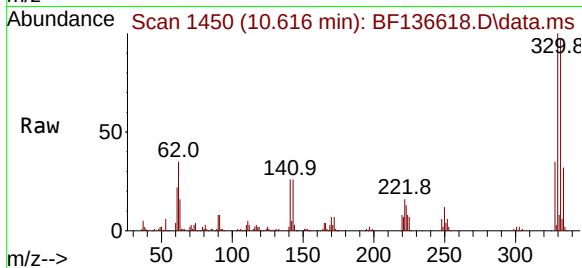
Tgt Ion:330 Resp: 201487

Ion Ratio Lower Upper

330 100

332 97.2 76.4 114.6

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 75.086 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF136618.D

Acq: 18 Dec 2023 17:05

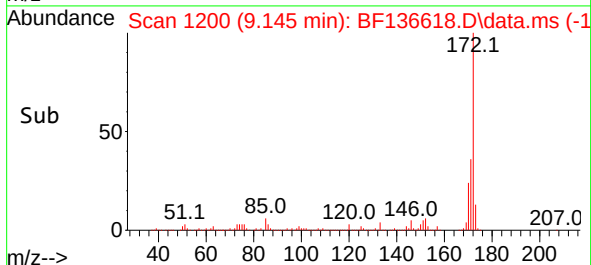
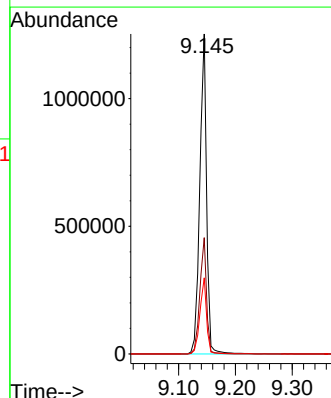
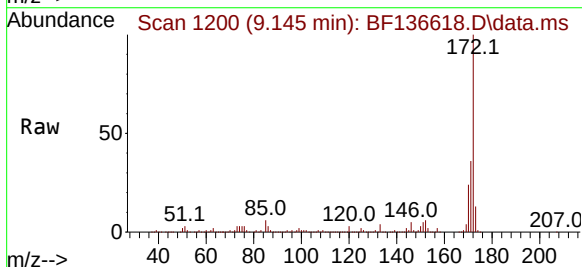
Tgt Ion:172 Resp: 1053295

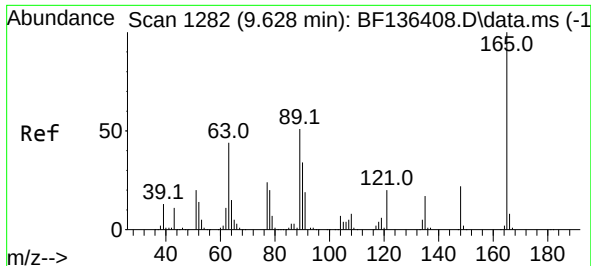
Ion Ratio Lower Upper

172 100

171 36.4 30.5 45.7

170 23.8 19.9 29.9

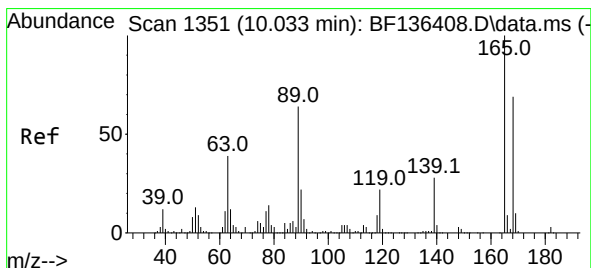
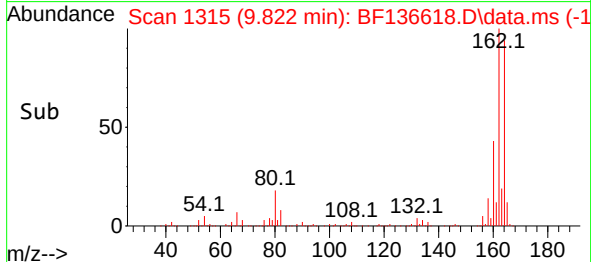
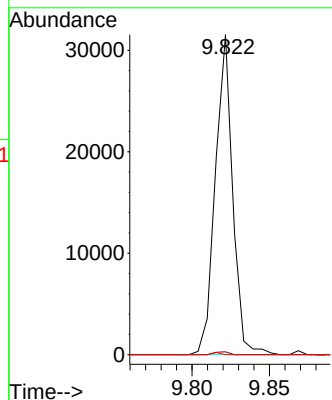
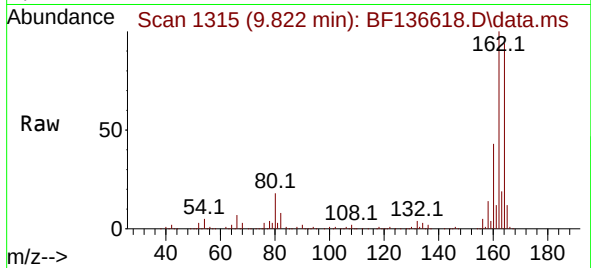




#51
2,6-Dinitrotoluene
Concen: 7.746 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

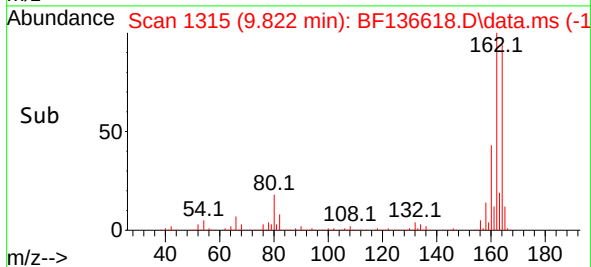
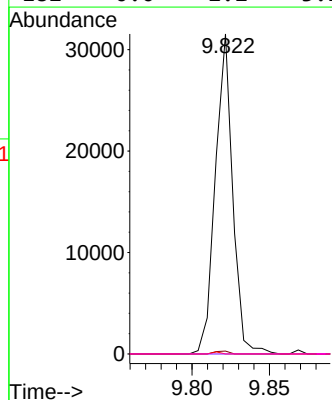
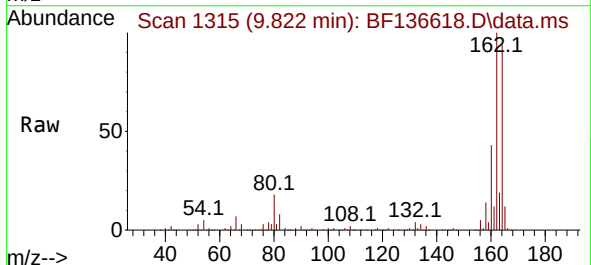
Instrument :
BNA_F
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SP-COMP-5

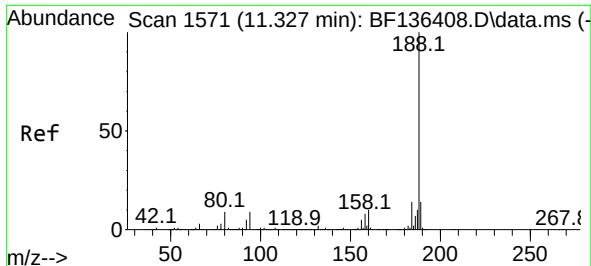
Tgt Ion:165 Resp: 24559
Ion Ratio Lower Upper
165 100
63 0.9 40.4 60.6#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.856 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.200 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion:165 Resp: 24559
Ion Ratio Lower Upper
165 100
63 0.9 31.4 47.2#
89 0.0 51.7 77.5#
182 0.0 2.2 3.2#

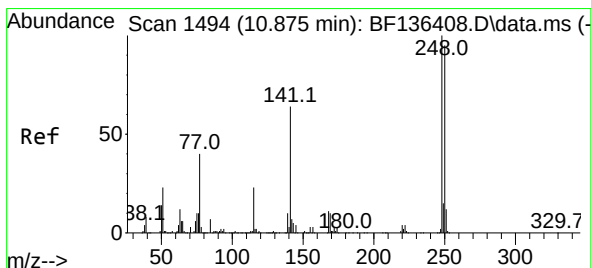
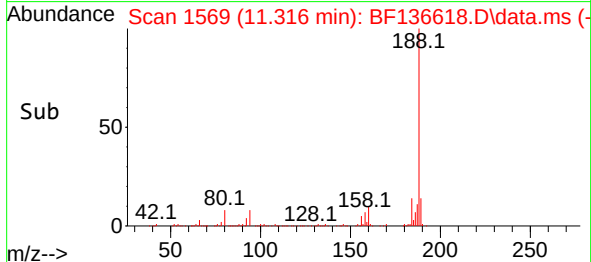
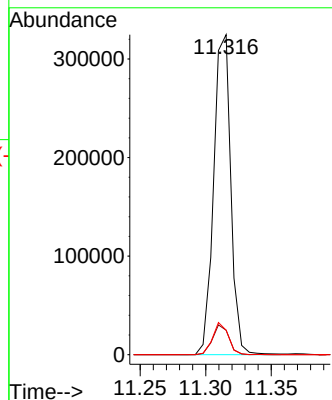
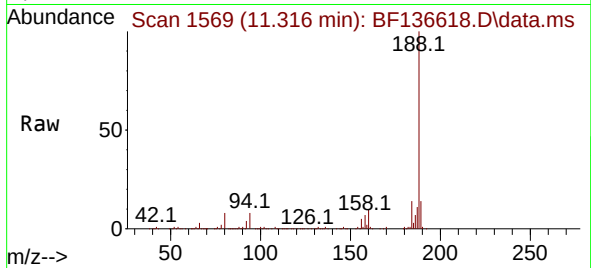




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

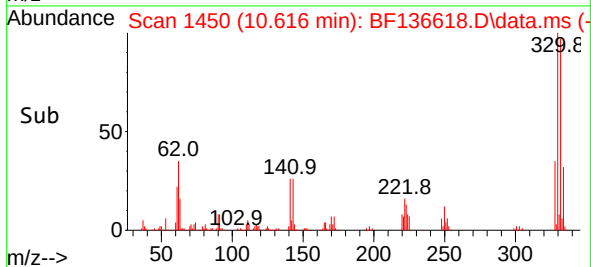
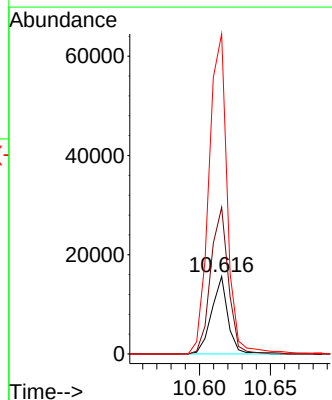
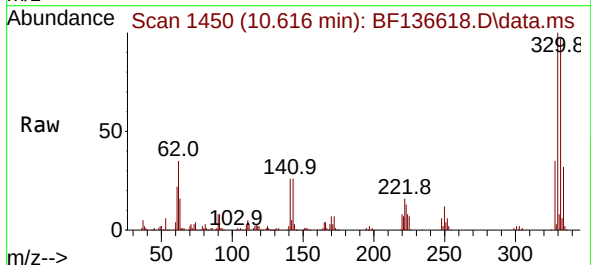
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

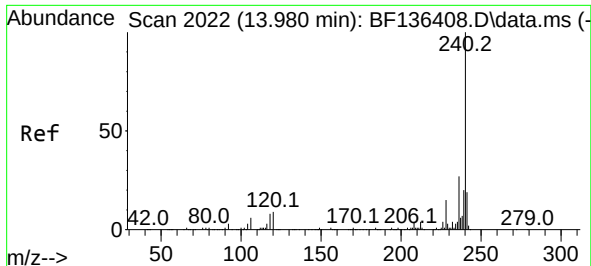
Tgt Ion:188 Resp: 295108
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 7.7 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 3.633 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion:248 Resp: 12466
Ion Ratio Lower Upper
248 100
250 189.3 76.2 114.2#
141 413.0 51.0 76.4#

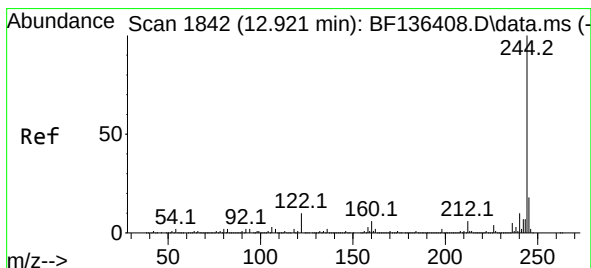
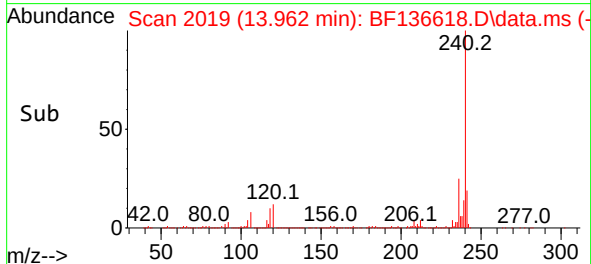
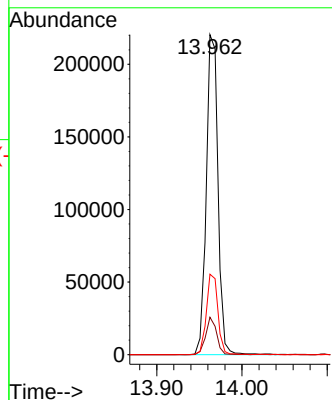
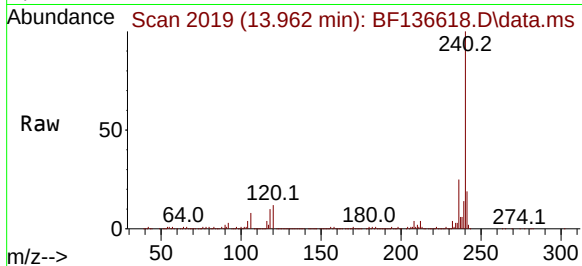




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

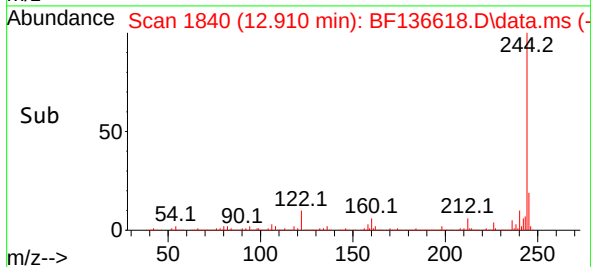
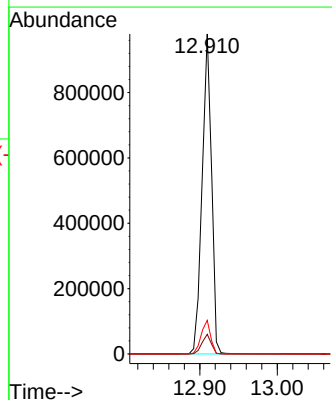
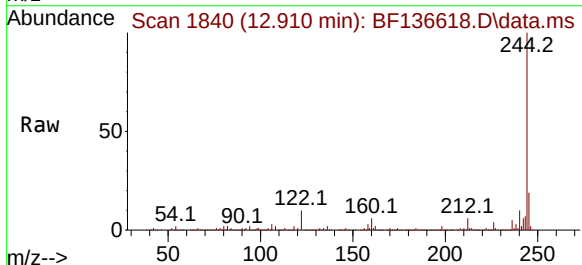
Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

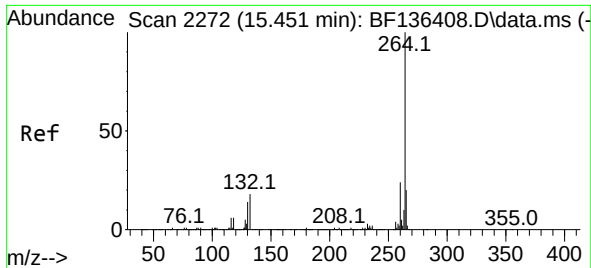
Tgt Ion:240 Resp: 209620
Ion Ratio Lower Upper
240 100
120 11.7 7.3 10.9#
236 25.1 21.3 31.9



#79
Terphenyl-d14
Concen: 51.905 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BF136618.D
Acq: 18 Dec 2023 17:05

Tgt Ion:244 Resp: 825490
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 10.5 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: BF136618.D
Acq: 18 Dec 2023 17:05

Instrument :
BNA_F
ClientSampleId :
SP-COMP-5

Tgt Ion:264 Resp: 253304

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	15.9	23.9

