

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136494.D
 Acq On : 11 Dec 2023 17:11
 Operator : CG\JU
 Sample : 05691-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-LINDEN

Quant Time: Dec 11 17:39:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

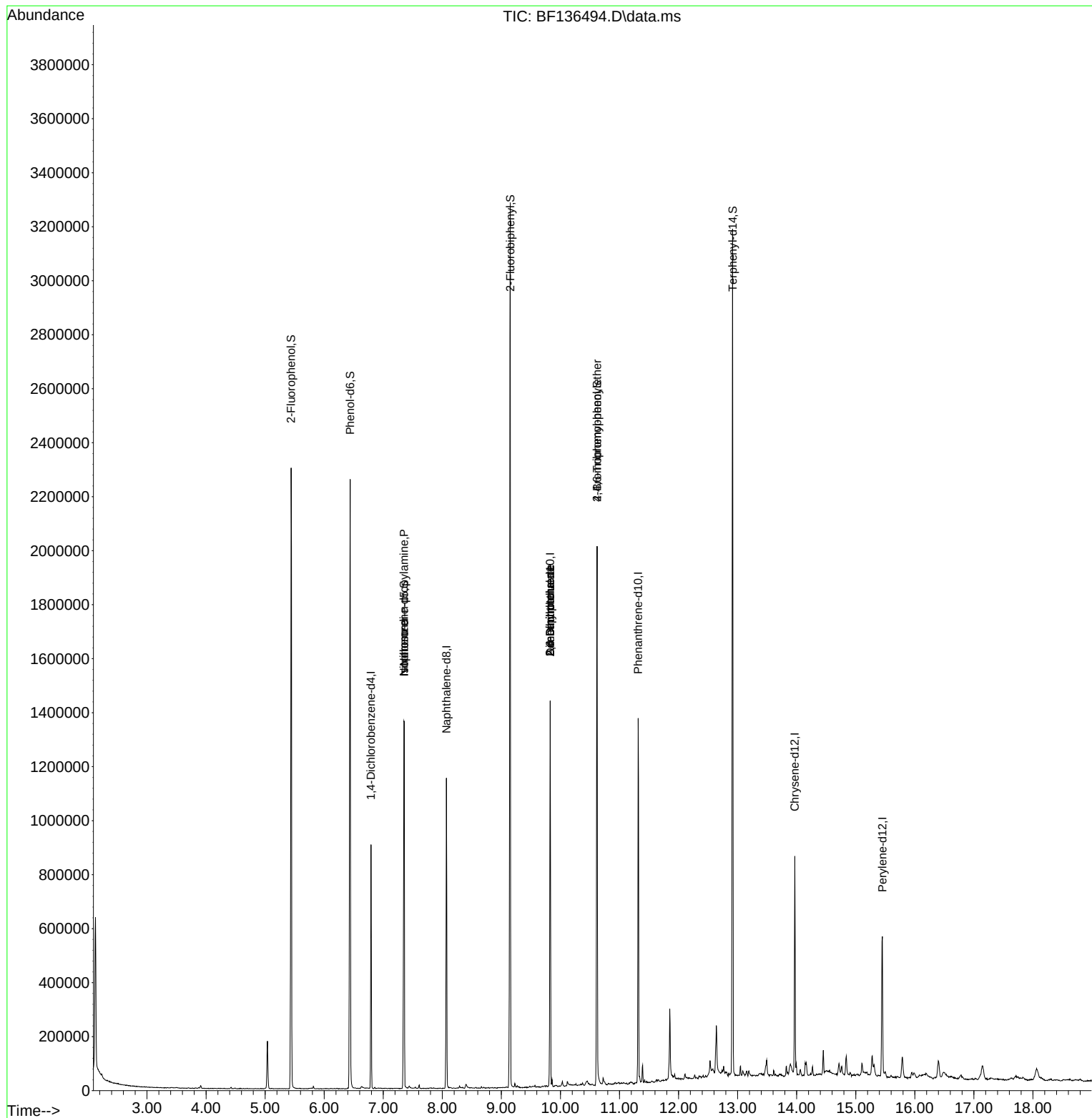
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	125680	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	511438	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	264782	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	490468	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	253948	20.000	ng	-0.01
86) Perylene-d12	15.451	264	249195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	690913	81.187	ng	0.00
7) Phenol-d6	6.439	99	864530	81.423	ng	0.00
23) Nitrobenzene-d5	7.351	82	527051	55.711	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	268898	82.363	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1054940	54.364	ng	-0.01
79) Terphenyl-d14	12.916	244	1041041	54.032	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.345	77	138	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.351	70	68155	11.128	ng	# 79
25) Isophorone	7.351	82	525345	30.909	ng	# 65
50) Dimethylphthalate	9.828	163	55125	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	34650	7.901	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	34650	5.972	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	16615	2.914	ng	# 1

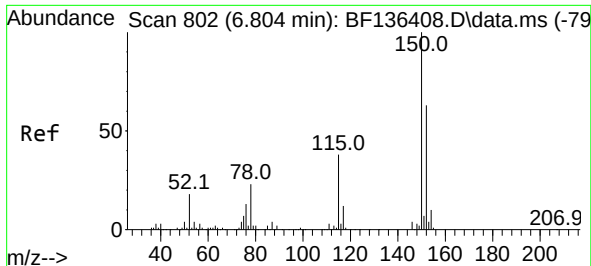
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
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BNA_F
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Quant Time: Dec 11 17:39:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

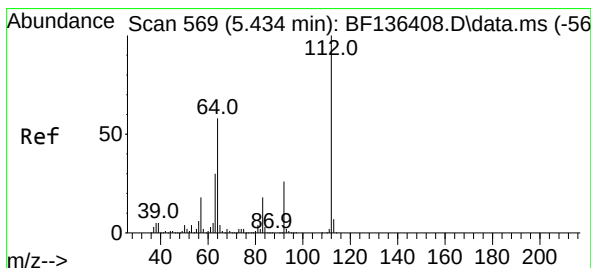
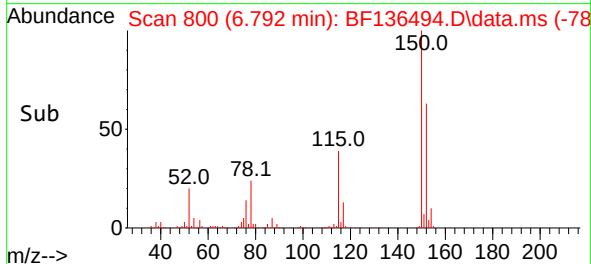
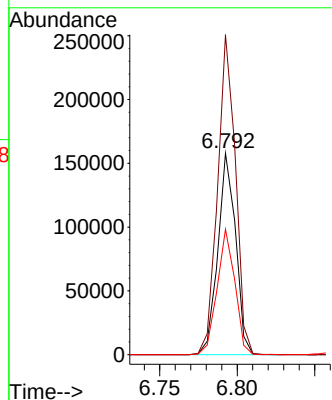
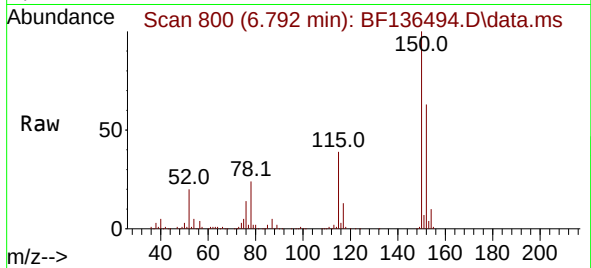




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

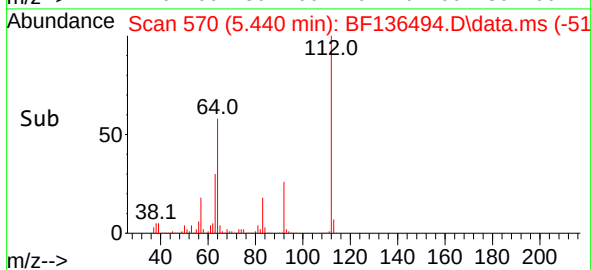
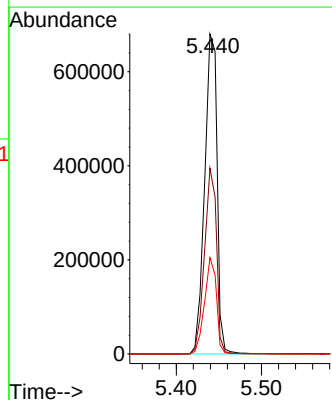
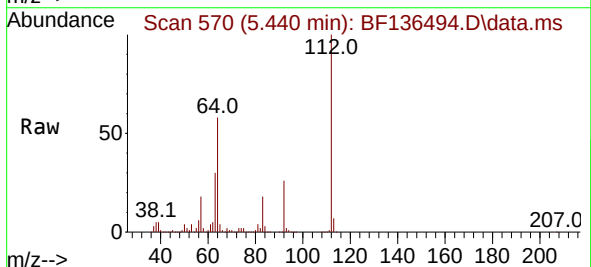
Instrument :
BNA_F
ClientSampleId :
SP-LINDEN

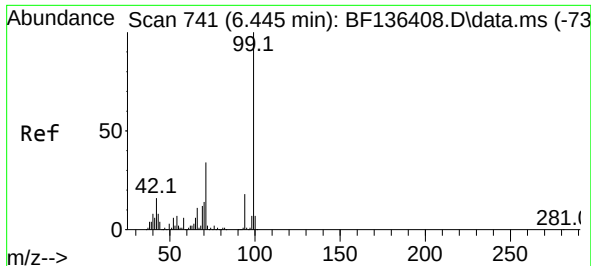
Tgt Ion:152 Resp: 125680
Ion Ratio Lower Upper
152 100
150 158.9 126.4 189.6
115 62.3 48.2 72.4



#5
2-Fluorophenol
Concen: 81.187 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

Tgt Ion:112 Resp: 690913
Ion Ratio Lower Upper
112 100
64 58.0 46.5 69.7
63 30.1 23.9 35.9

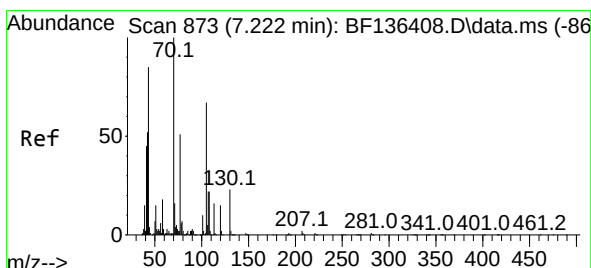
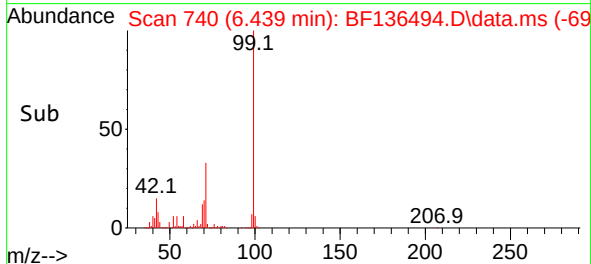
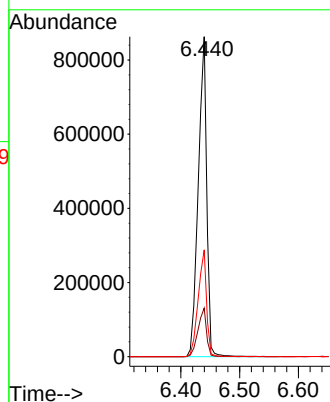
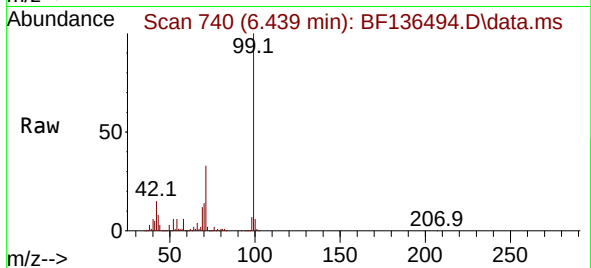




#7
Phenol-d6
Concen: 81.423 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

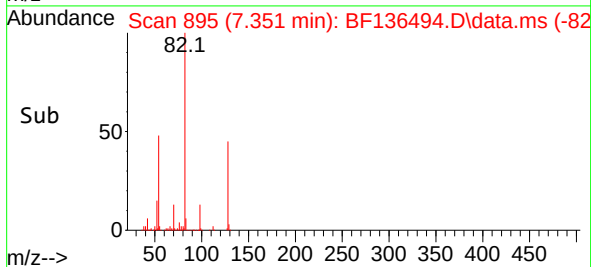
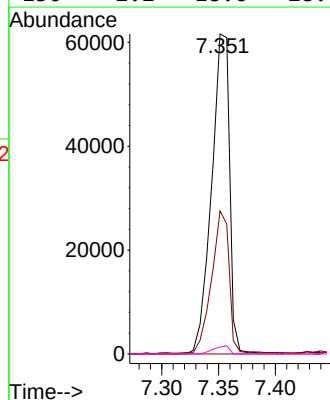
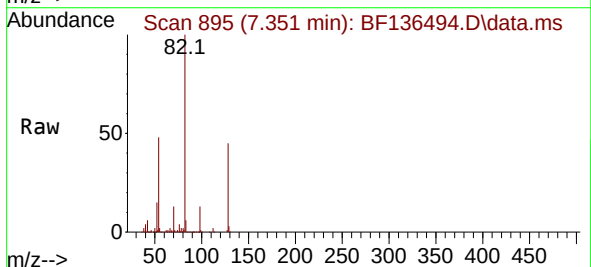
Instrument :
BNA_F
ClientSampleId :
SP-LINDEN

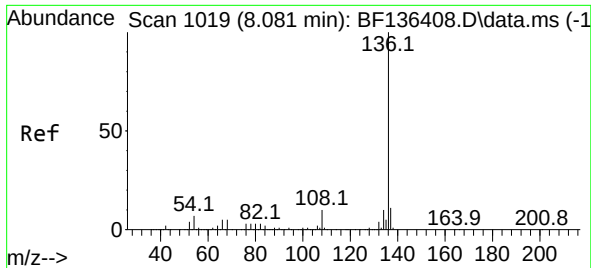
Tgt Ion: 99 Resp: 864530
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.4 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.128 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

Tgt Ion: 70 Resp: 68155
Ion Ratio Lower Upper
70 100
42 44.7 41.4 62.0
101 0.0 8.2 12.4#
130 2.2 18.6 28.0#

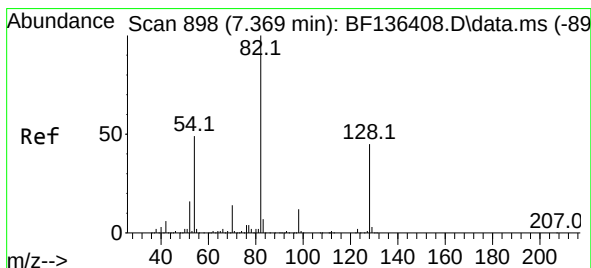
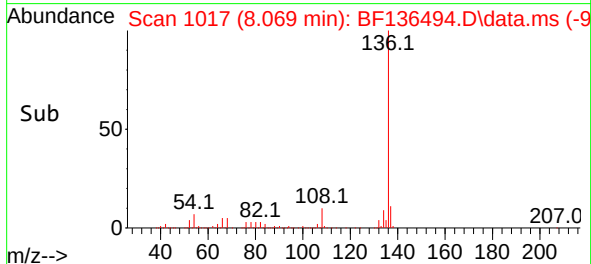
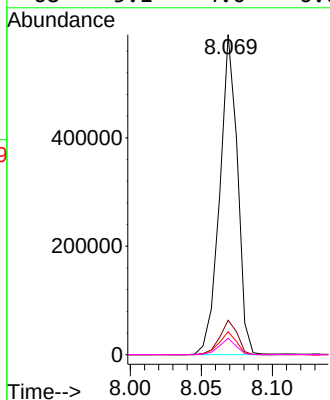
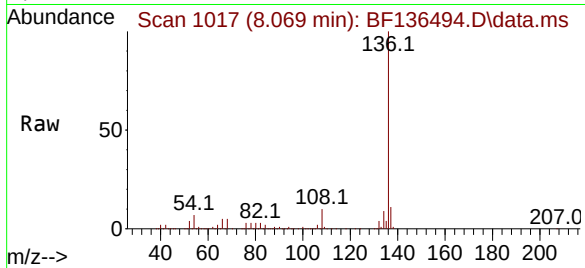




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

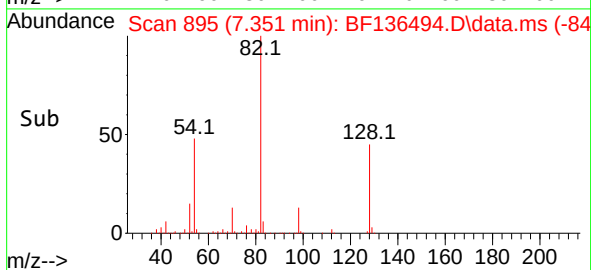
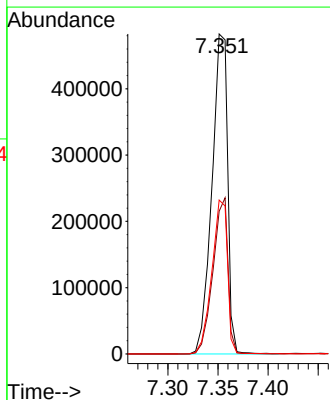
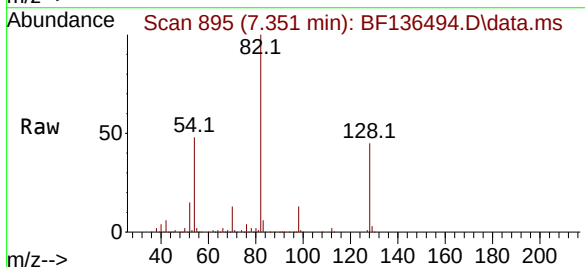
Instrument :
BNA_F
ClientSampleId :
SP-LINDEN

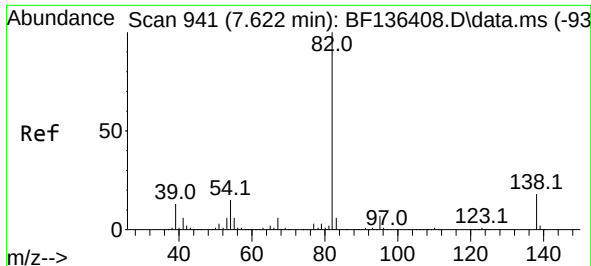
Tgt Ion:136 Resp: 511438
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.2 5.7 8.5
68 5.1 4.0 6.0



#23
Nitrobenzene-d5
Concen: 55.711 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

Tgt Ion: 82 Resp: 527051
Ion Ratio Lower Upper
82 100
128 44.6 36.3 54.5
54 48.1 39.0 58.6

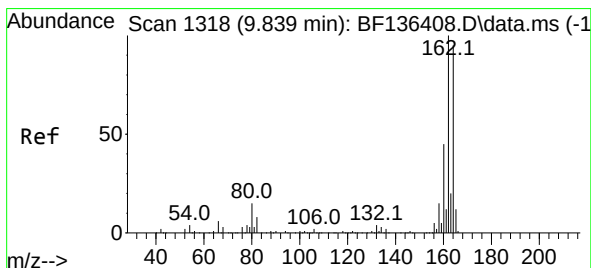
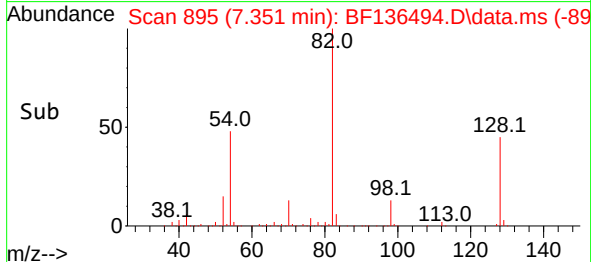
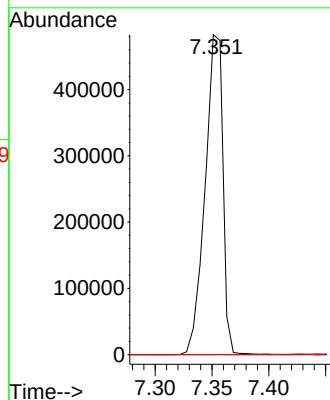
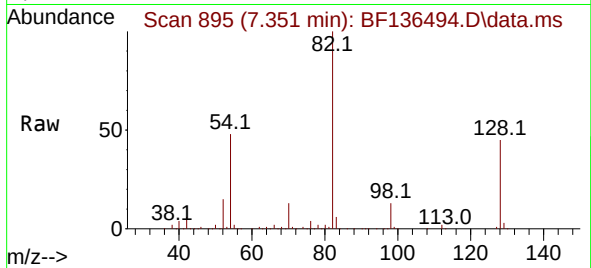




#25
Isophorone
Concen: 30.909 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

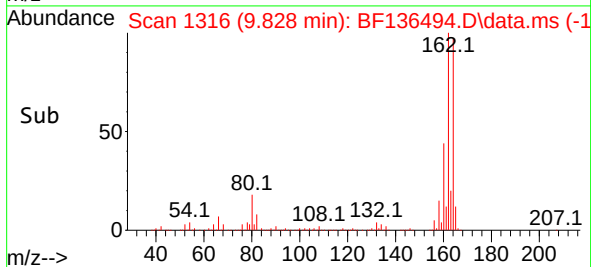
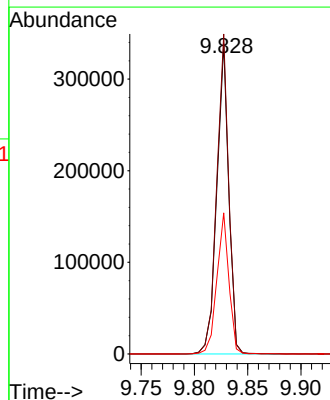
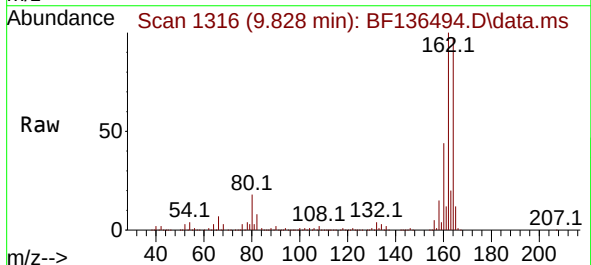
Instrument :
BNA_F
ClientSampleId :
SP-LINDEN

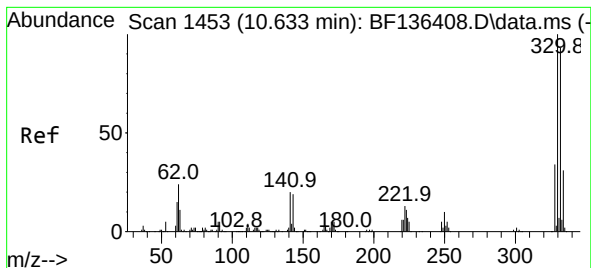
Tgt Ion: 82 Resp: 525345
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

Tgt Ion:164 Resp: 264782
Ion Ratio Lower Upper
164 100
162 103.1 84.4 126.6
160 45.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 82.363 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136494.D

Acq: 11 Dec 2023 17:11

Instrument :

BNA_F

ClientSampleId :

SP-LINDEN

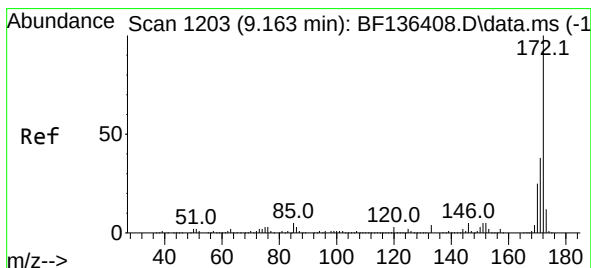
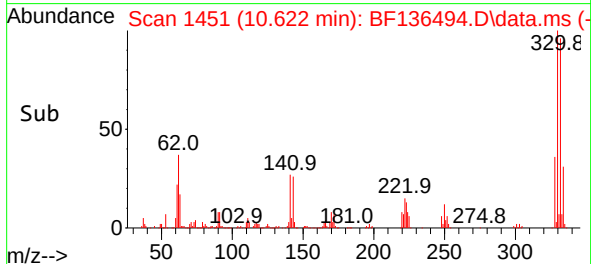
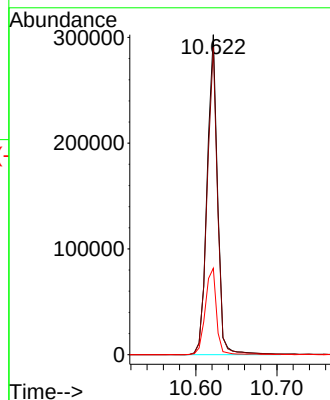
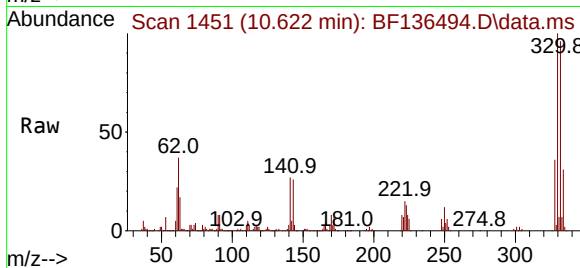
Tgt Ion:330 Resp: 268898

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 54.364 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136494.D

Acq: 11 Dec 2023 17:11

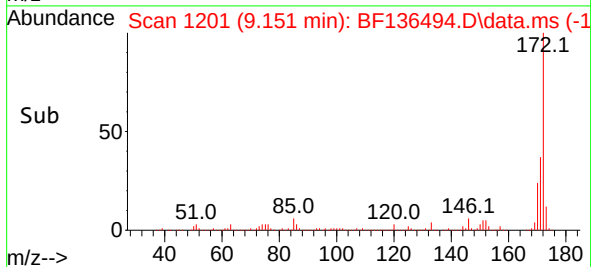
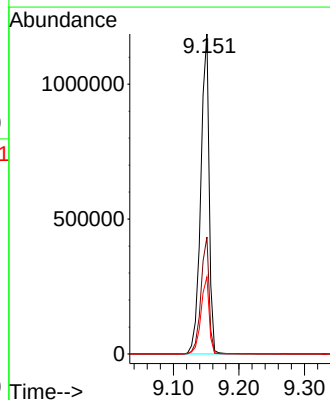
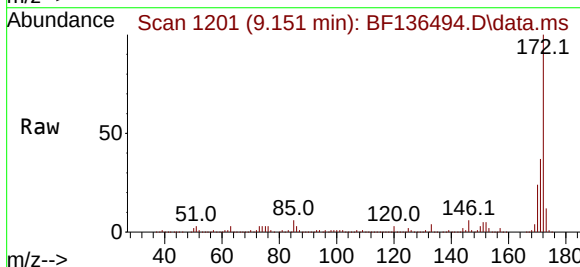
Tgt Ion:172 Resp: 1054940

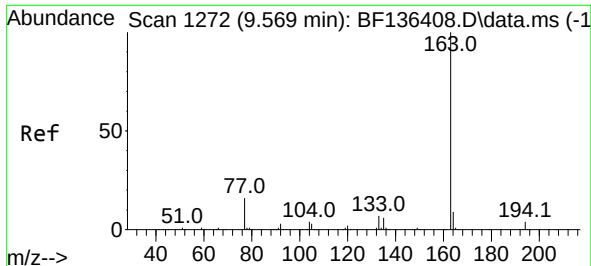
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 24.1 19.9 29.9

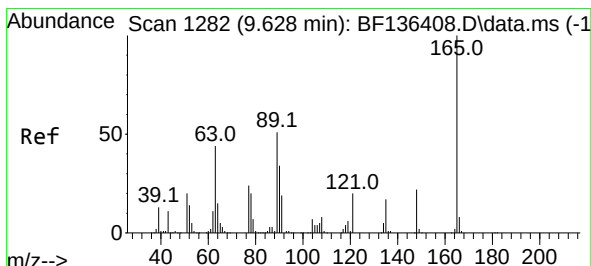
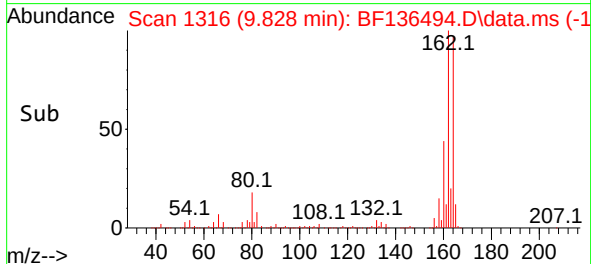
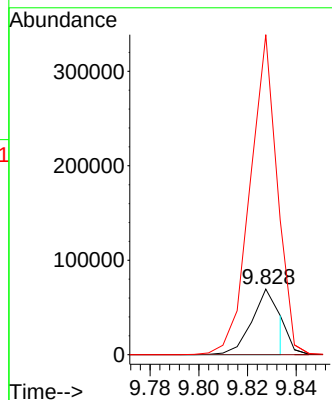
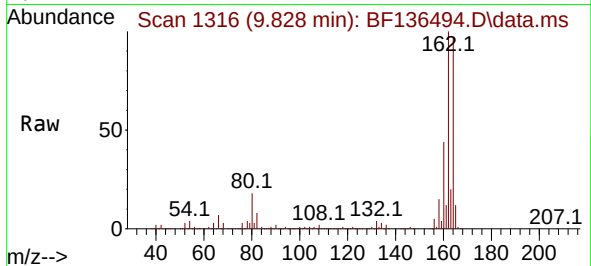




#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

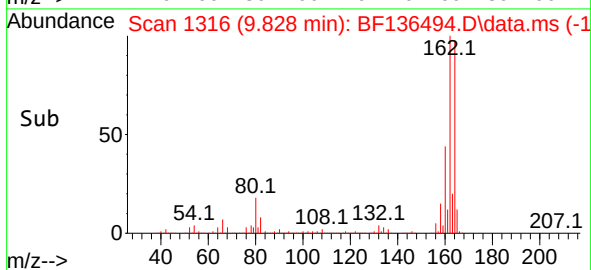
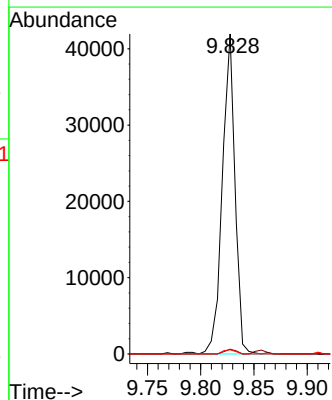
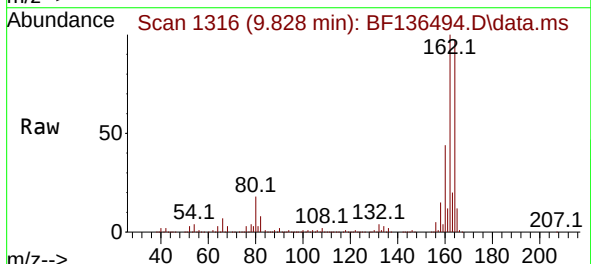
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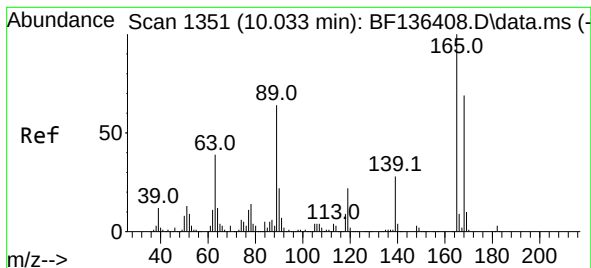
Tgt Ion:163 Resp: 55125
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 487.3 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.901 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

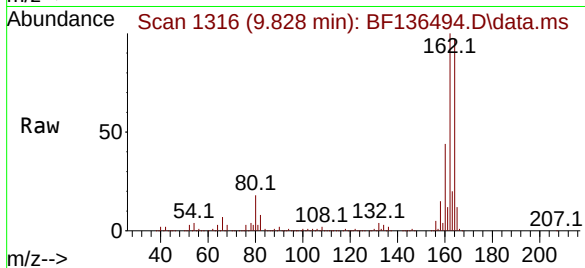
Tgt Ion:165 Resp: 34650
Ion Ratio Lower Upper
165 100
63 1.5 40.4 60.6#
89 1.3 40.6 60.8#



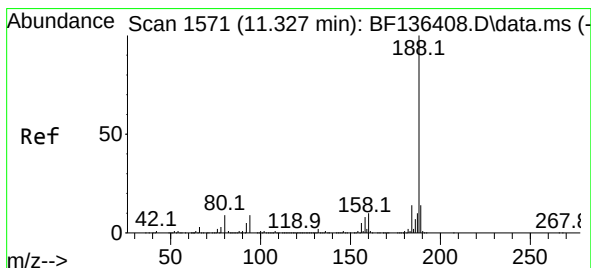
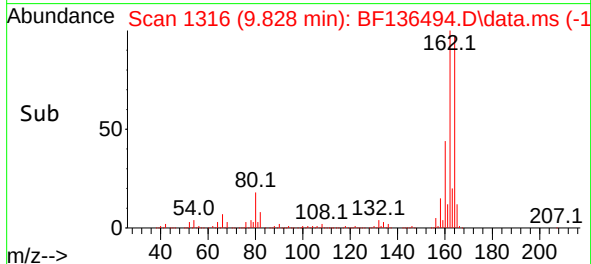
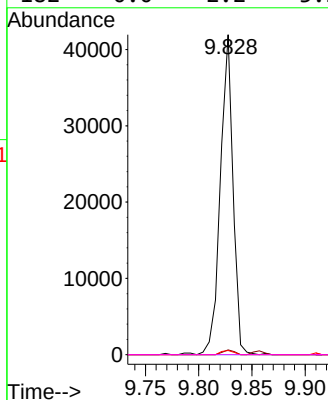


#57
2,4-Dinitrotoluene
Concen: 5.972 ng
RT: 9.828 min Scan# 11569
Delta R.T. -0.206 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

Instrument :
BNA_F
ClientSampleId :
SP-LINDEN

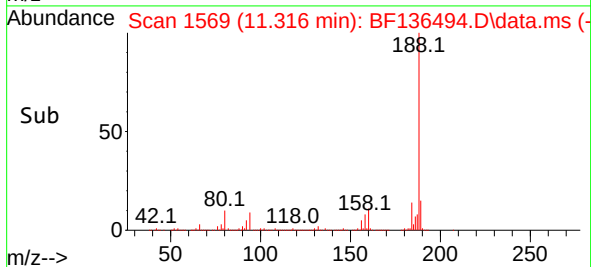
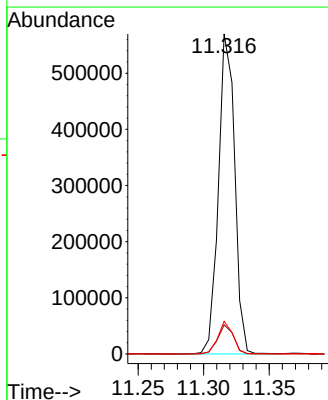
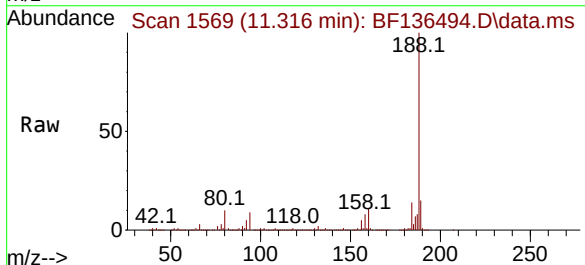


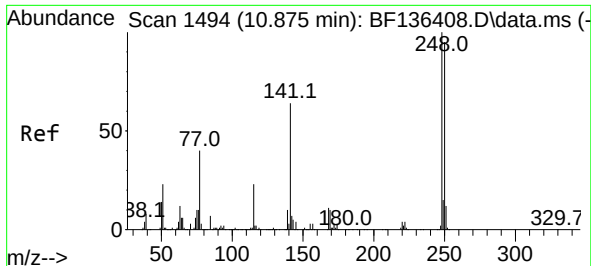
Tgt Ion:165 Resp: 34650
Ion Ratio Lower Upper
165 100
63 1.5 31.4 47.2#
89 1.3 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

Tgt Ion:188 Resp: 490468
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 10.2 7.2 10.8

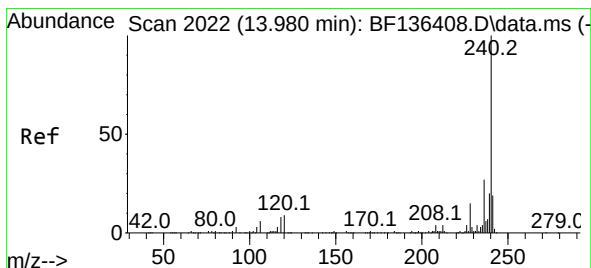
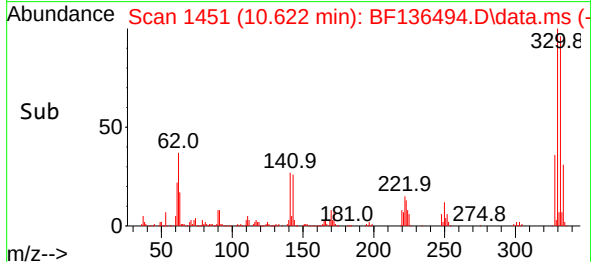
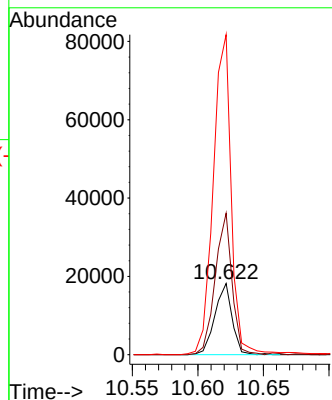
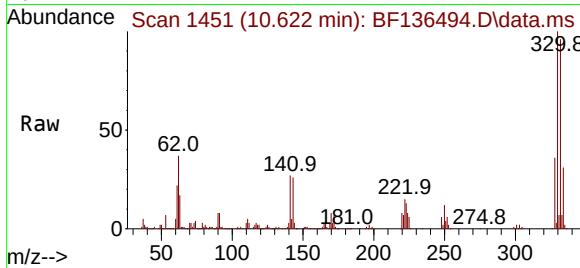




#67
4-Bromophenyl-phenylether
Concen: 2.914 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

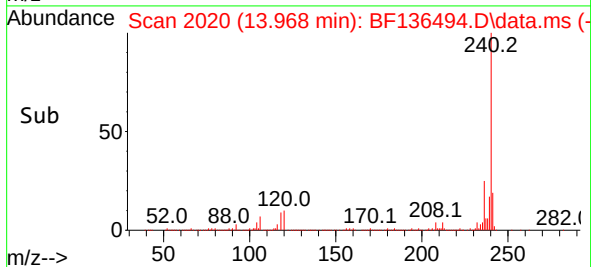
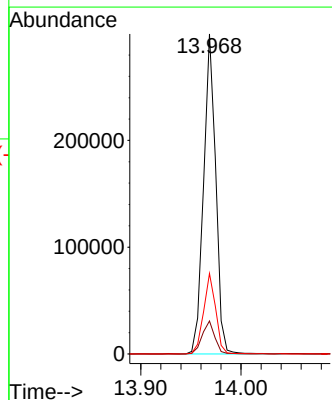
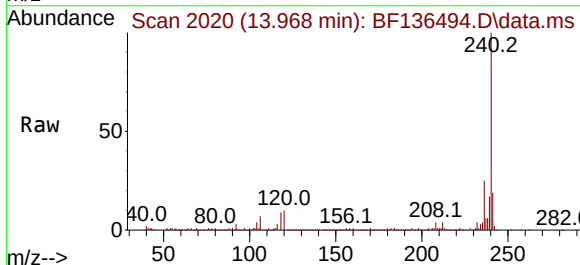
Instrument :
BNA_F
ClientSampleId :
SP-LINDEN

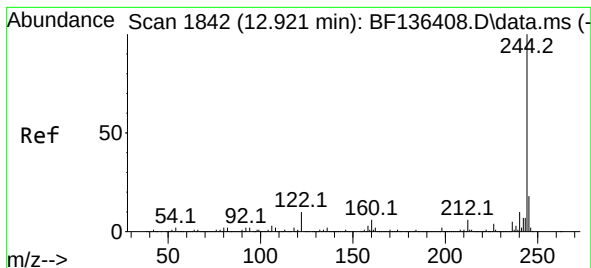
Tgt Ion:248 Resp: 16615
Ion Ratio Lower Upper
248 100
250 198.9 76.2 114.2#
141 449.8 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136494.D
Acq: 11 Dec 2023 17:11

Tgt Ion:240 Resp: 253948
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 25.2 21.3 31.9





#79

Terphenyl-d14

Concen: 54.032 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF136494.D

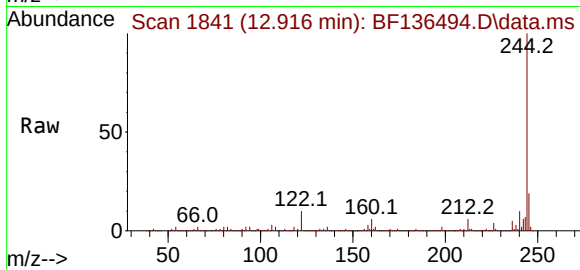
Acq: 11 Dec 2023 17:11

Instrument :

BNA_F

ClientSampleId :

SP-LINDEN



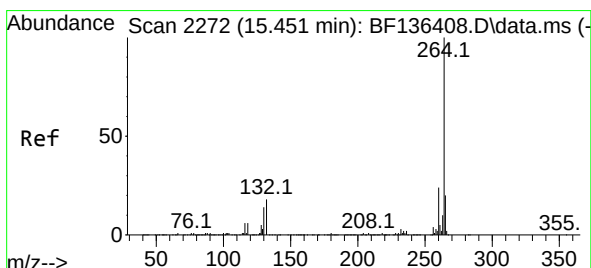
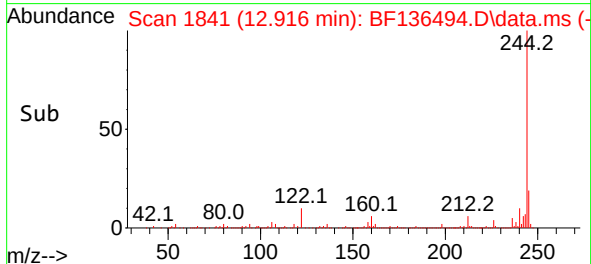
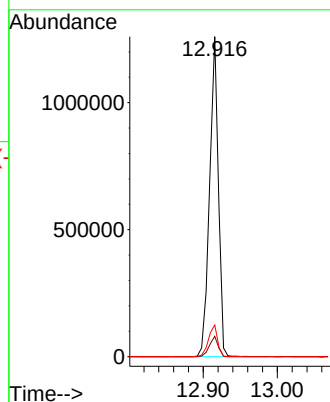
Tgt Ion:244 Resp: 1041041

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 9.9 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. -0.000 min

Lab File: BF136494.D

Acq: 11 Dec 2023 17:11

Tgt Ion:264 Resp: 249195

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.1 15.9 23.9

