

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136433.D
 Acq On : 06 Dec 2023 17:45
 Operator : CG\JU
 Sample : 05602-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 00:53:46 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)

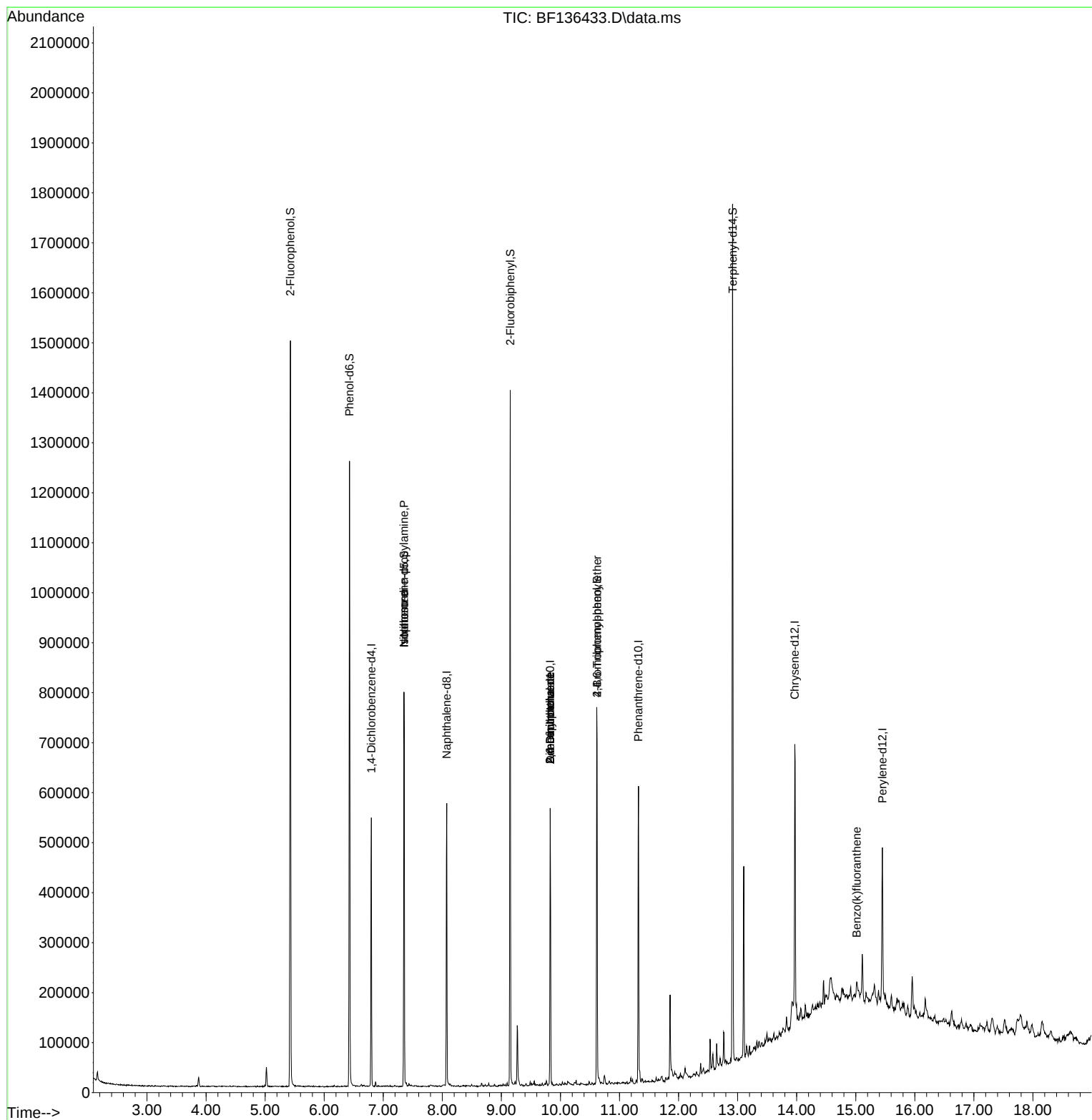
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	77000	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	237891	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	100126	20.000	ng	-0.01
64) Phenanthrene-d10	11.321	188	216561	20.000	ng	0.00
76) Chrysene-d12	13.968	240	189406	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	143322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	381364	73.144	ng	0.00
7) Phenol-d6	6.428	99	420030	64.569	ng	-0.02
23) Nitrobenzene-d5	7.351	82	240847	54.732	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	99369	80.489	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	396008	53.967	ng	-0.01
79) Terphenyl-d14	12.915	244	583026	40.572	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	443	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.351	70	31768	8.466	ng	# 81
25) Isophorone	7.351	82	240845	30.464	ng	# 65
50) Dimethylphthalate	9.827	163	19917	2.702	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	13141	7.924	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	13141	5.990	ng	# 28
67) 4-Bromophenyl-phenylether	10.621	248	6283	2.495	ng	# 1
77) Benzidine	12.774	184	293	Below Cal	#	1
89) Benzo(k)fluoranthene	15.015	252	18869	2.043	ng	# 72

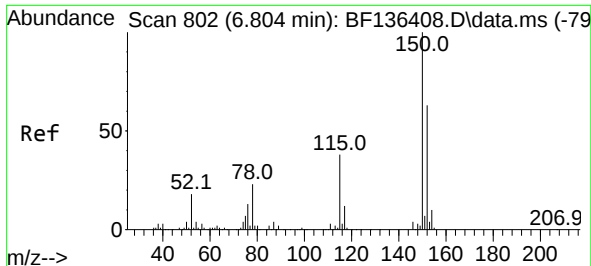
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
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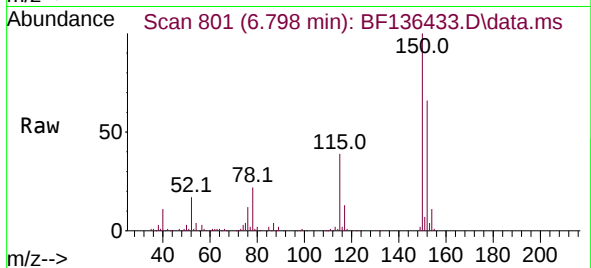
Quant Time: Dec 07 00:53:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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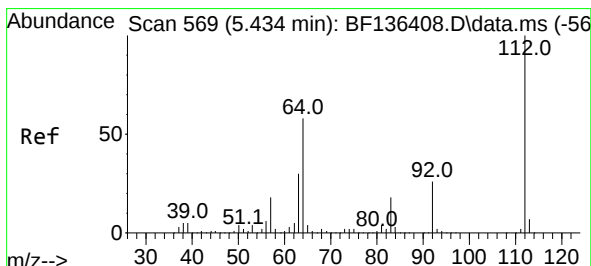
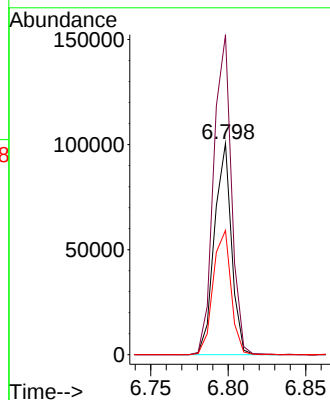
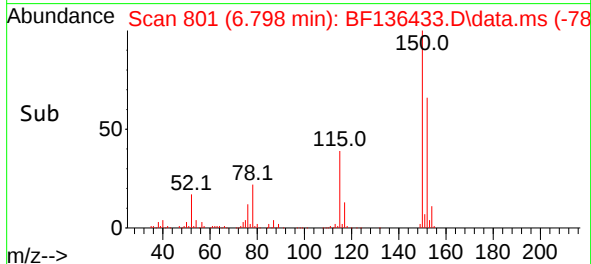


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :

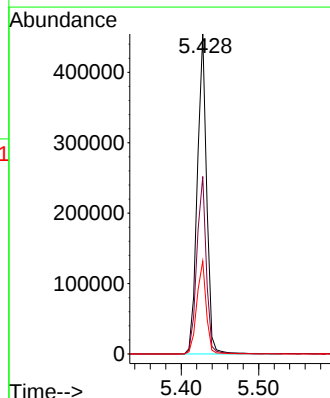
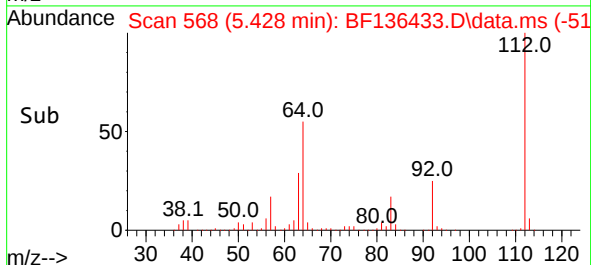
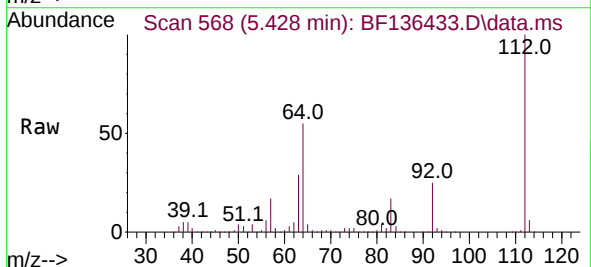


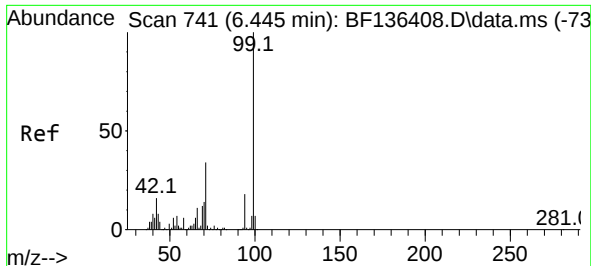
Tgt Ion:152 Resp: 77000
Ion Ratio Lower Upper
152 100
150 151.4 126.4 189.6
115 58.8 48.2 72.4



#5
2-Fluorophenol
Concen: 73.144 ng
RT: 5.428 min Scan# 568
Delta R.T. -0.006 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

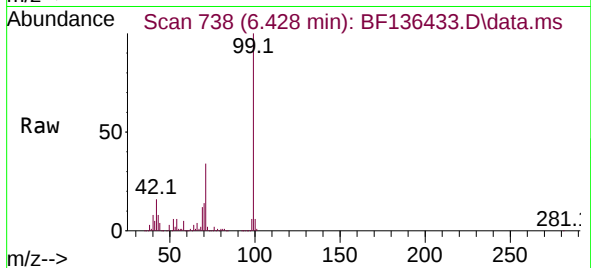
Tgt Ion:112 Resp: 381364
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 29.1 23.9 35.9



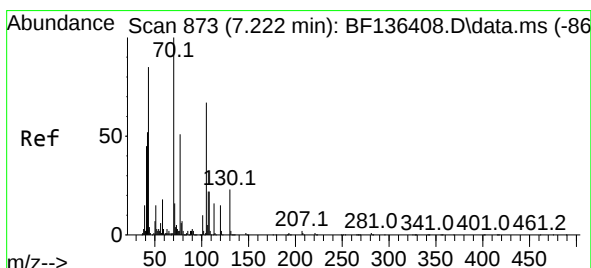
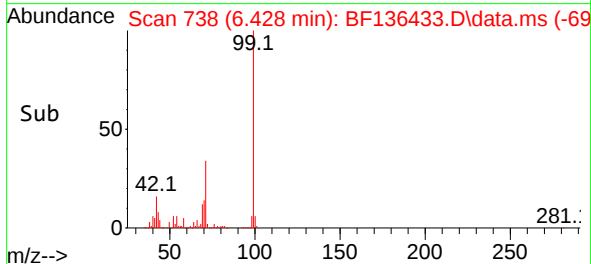
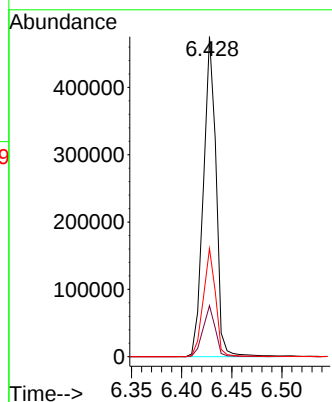


#7
Phenol-d6
Concen: 64.569 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :

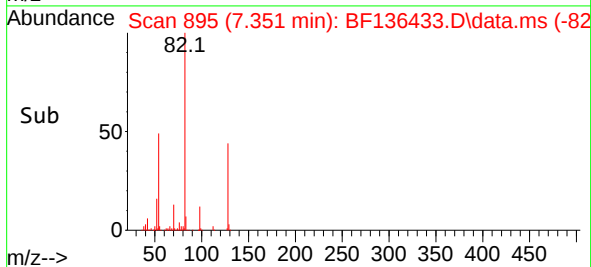
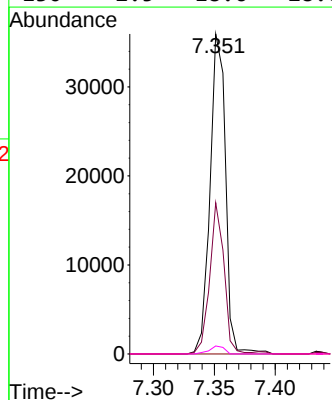
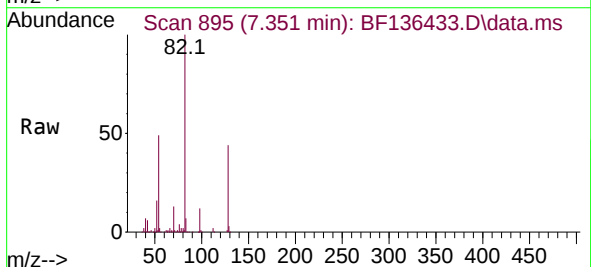


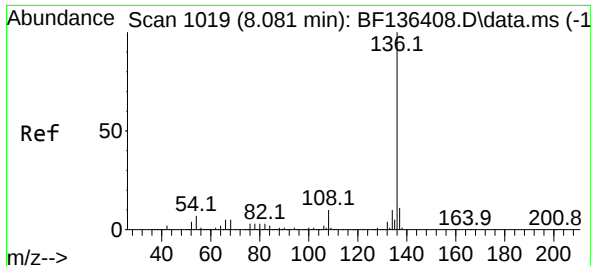
Tgt Ion: 99 Resp: 420030
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.8 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.466 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

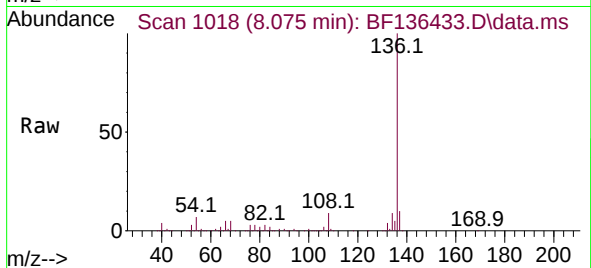
Tgt Ion: 70 Resp: 31768
Ion Ratio Lower Upper
70 100
42 47.2 41.4 62.0
101 0.0 8.2 12.4#
130 2.5 18.6 28.0#



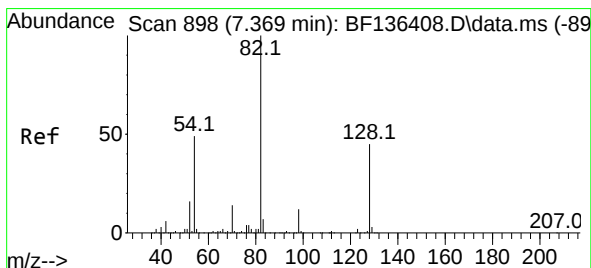
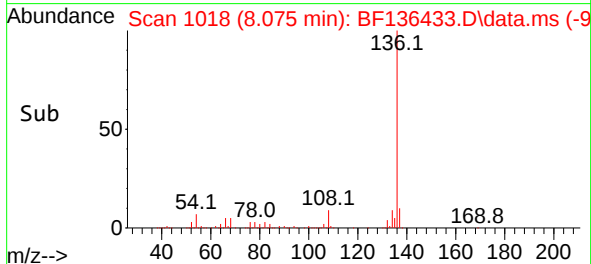
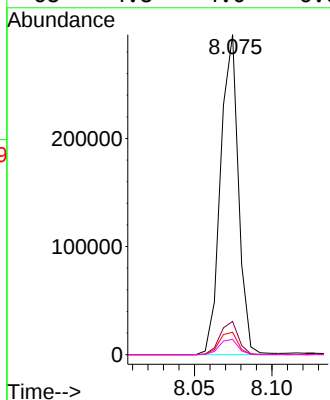


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :

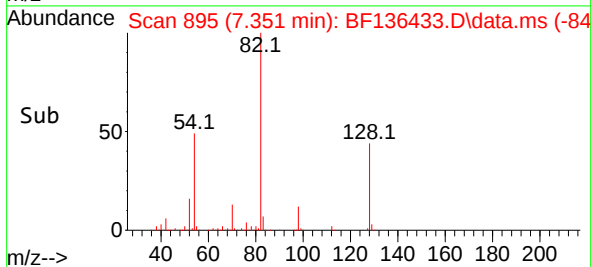
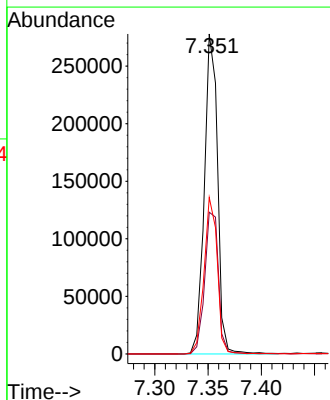
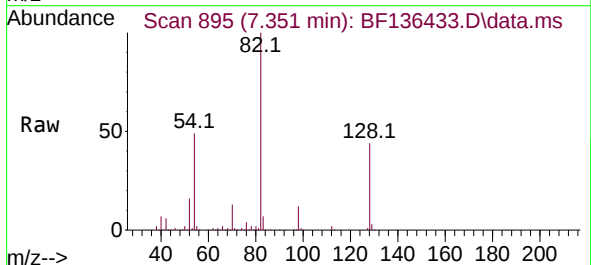


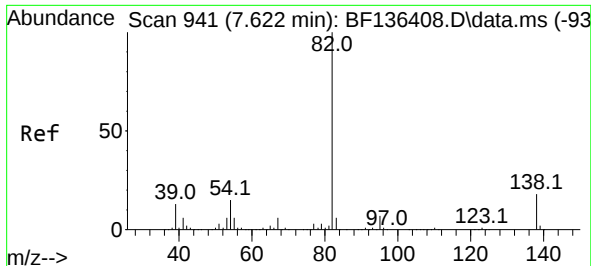
Tgt Ion:136 Resp: 237891
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.0 5.7 8.5
68 4.8 4.0 6.0



#23
Nitrobenzene-d5
Concen: 54.732 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Tgt Ion: 82 Resp: 240847
Ion Ratio Lower Upper
82 100
128 44.3 36.3 54.5
54 48.9 39.0 58.6

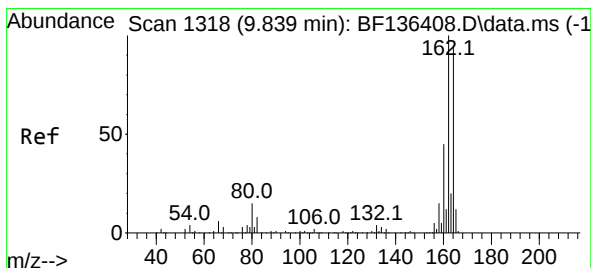
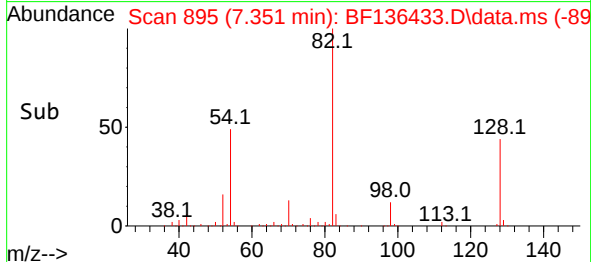
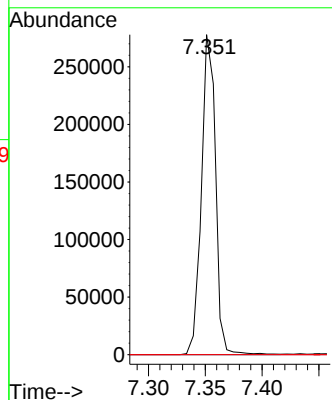
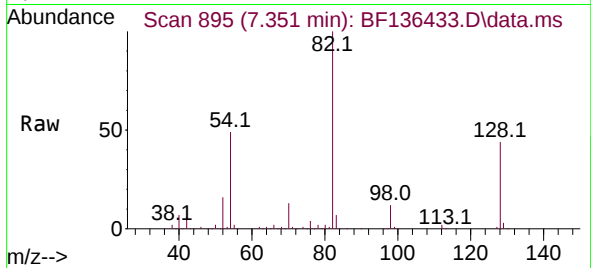




#25
Isophorone
Concen: 30.464 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

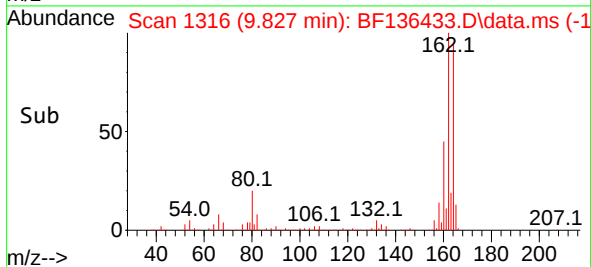
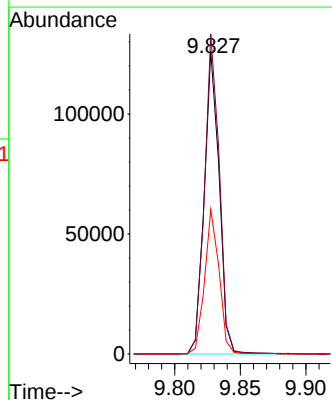
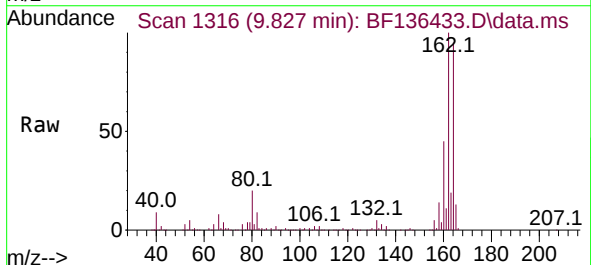
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 240845
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: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Tgt Ion:164 Resp: 100126
Ion Ratio Lower Upper
164 100
162 105.7 84.4 126.6
160 47.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 80.489 ng

RT: 10.621 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF136433.D

Acq: 06 Dec 2023 17:45

Instrument :

BNA_F

ClientSampleId :

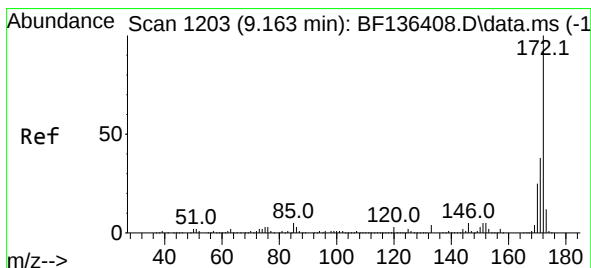
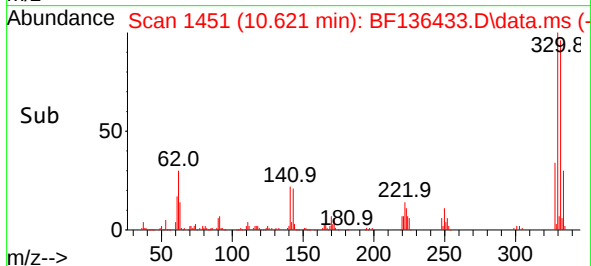
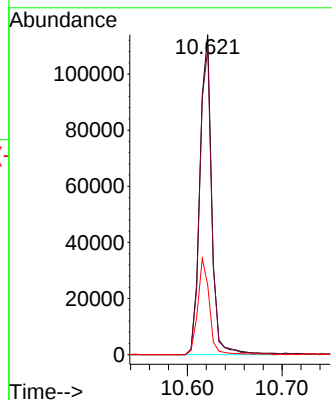
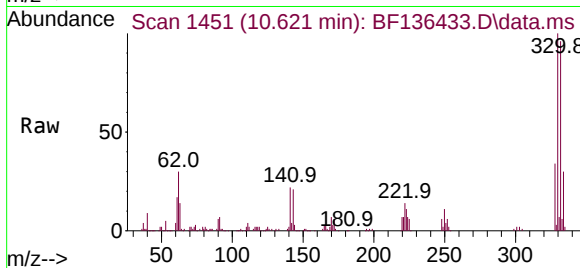
Tgt Ion:330 Resp: 99369

Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

141 29.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 53.967 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136433.D

Acq: 06 Dec 2023 17:45

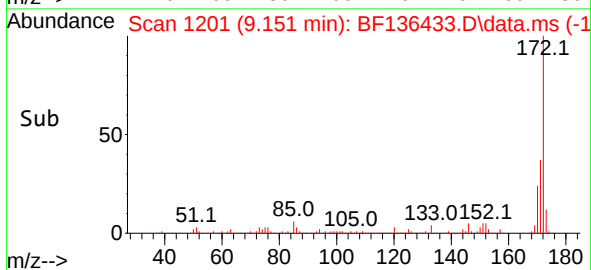
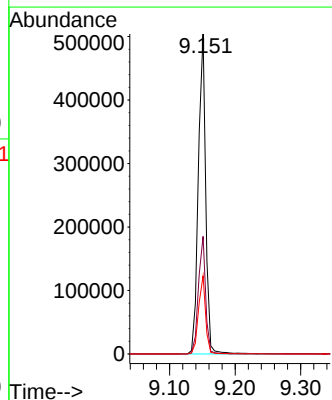
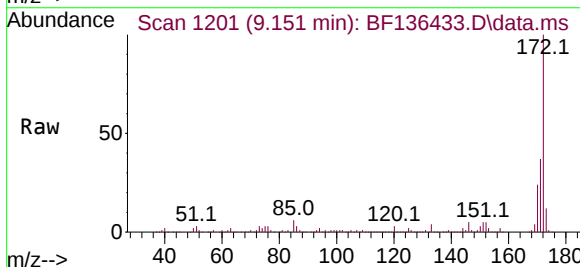
Tgt Ion:172 Resp: 396008

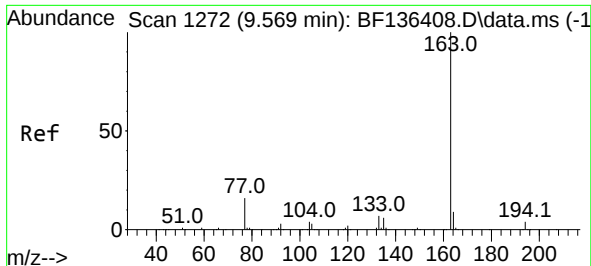
Ion Ratio Lower Upper

172 100

171 36.7 30.5 45.7

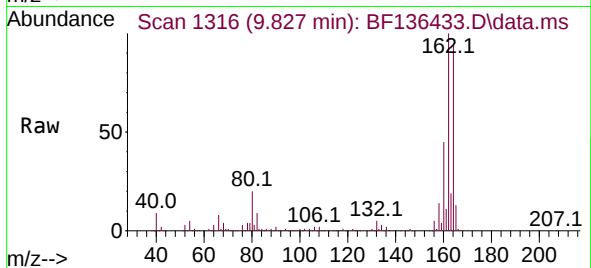
170 24.4 19.9 29.9



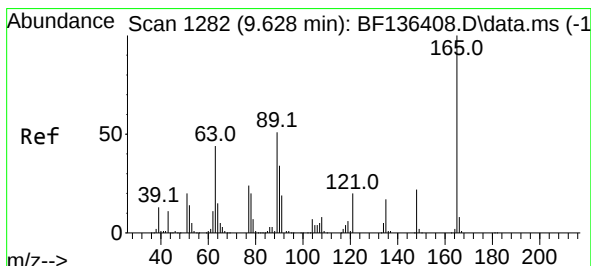
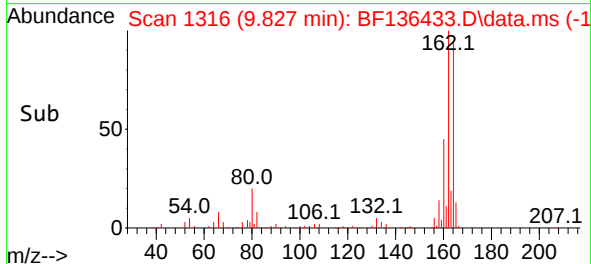
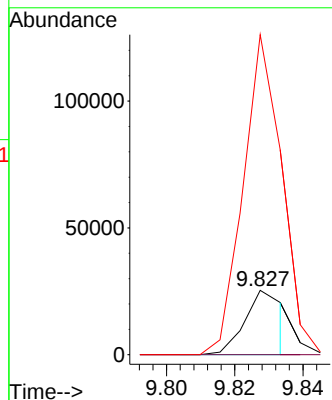


#50
Dimethylphthalate
Concen: 2.702 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :

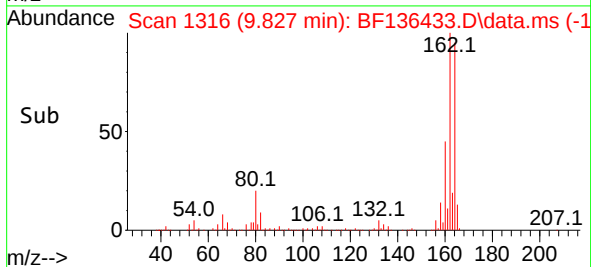
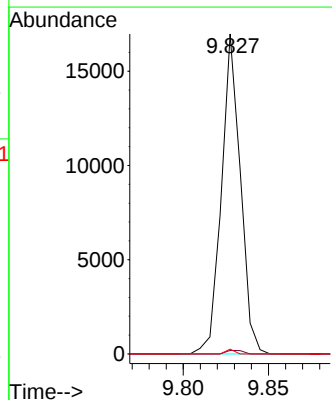
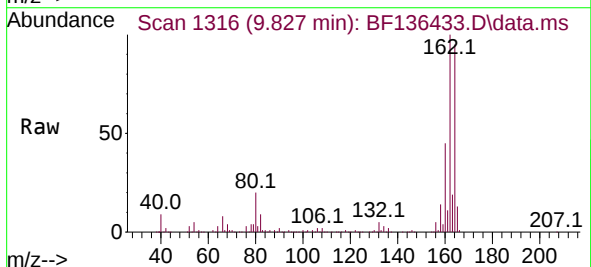


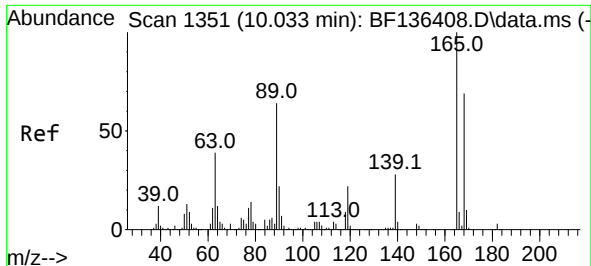
Tgt Ion:163 Resp: 19917
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 498.0 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.924 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

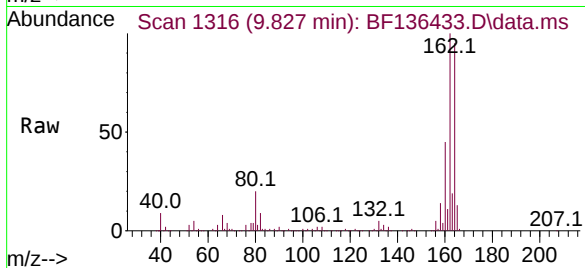
Tgt Ion:165 Resp: 13141
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 1.5 40.6 60.8#



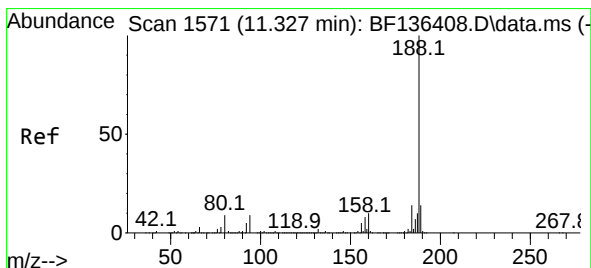
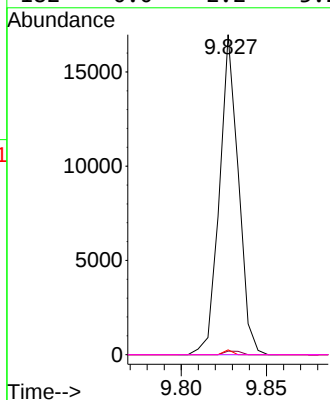
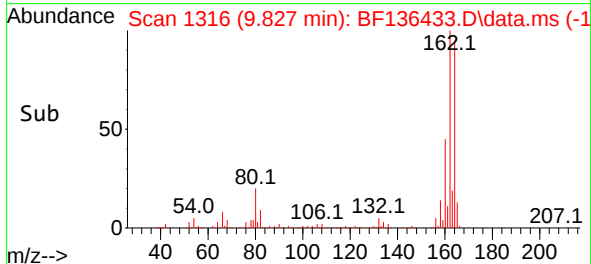


#57
2,4-Dinitrotoluene
Concen: 5.990 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

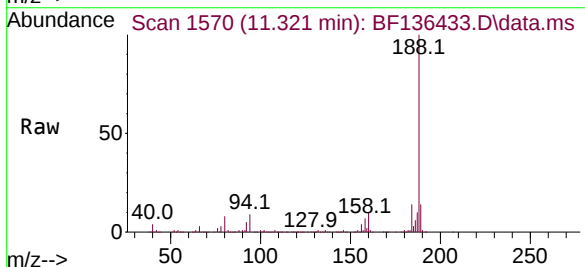
Instrument :
BNA_F
ClientSampleId :



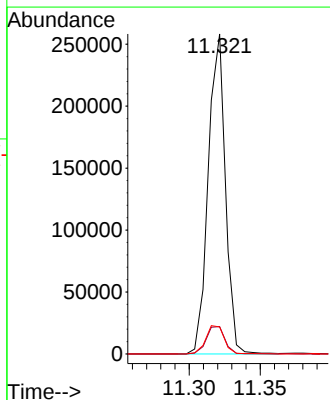
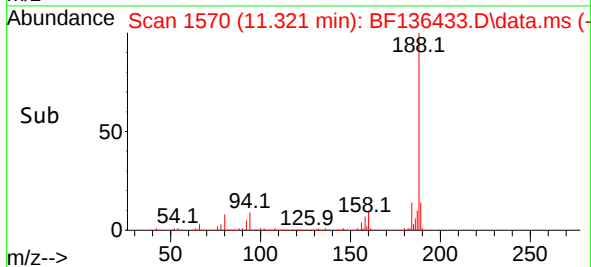
Tgt Ion:165 Resp: 13141
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 1.5 51.7 77.5#
182 0.0 2.2 3.2#

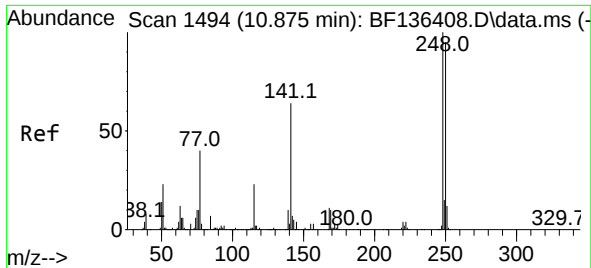


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45



Tgt Ion:188 Resp: 216561
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.5 7.2 10.8

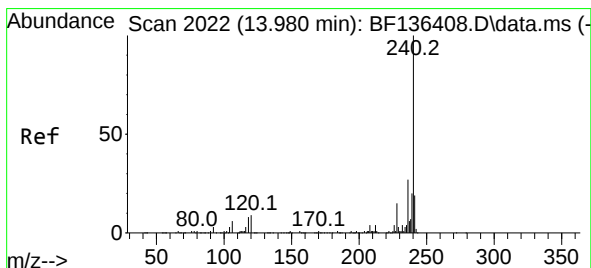
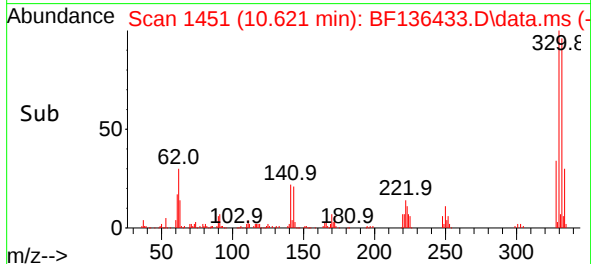
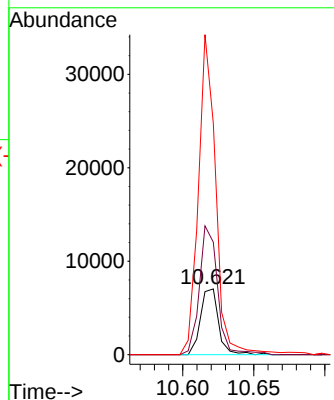
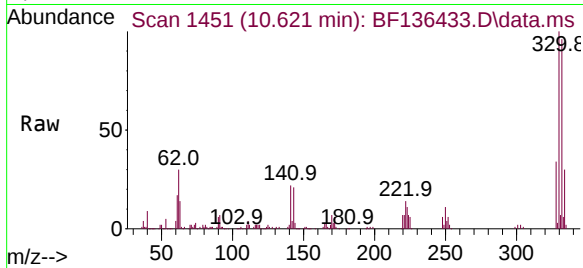




#67
4-Bromophenyl-phenylether
Concen: 2.495 ng
RT: 10.621 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

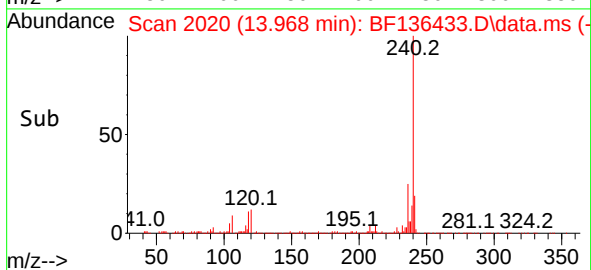
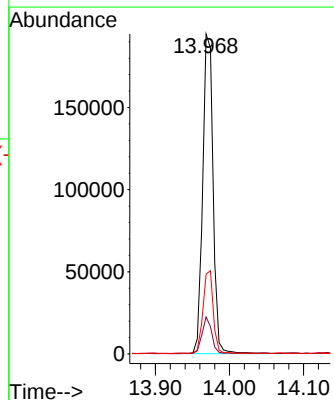
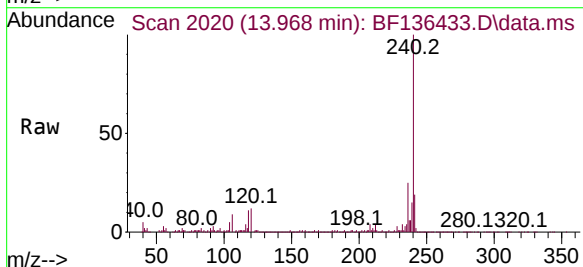
Instrument :
BNA_F
ClientSampleId :

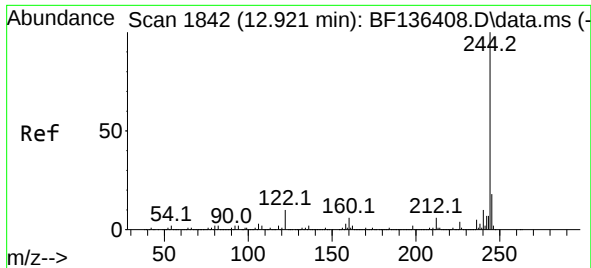
Tgt Ion:248 Resp: 6283
Ion Ratio Lower Upper
248 100
250 171.2 76.2 114.2#
141 352.0 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

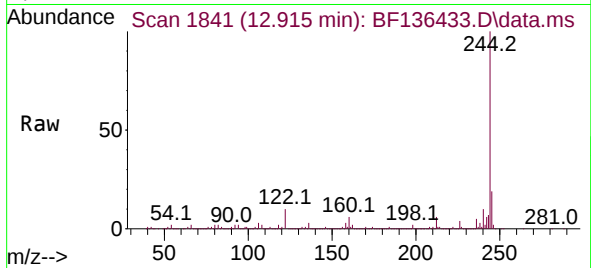
Tgt Ion:240 Resp: 189406
Ion Ratio Lower Upper
240 100
120 11.6 7.3 10.9#
236 24.9 21.3 31.9



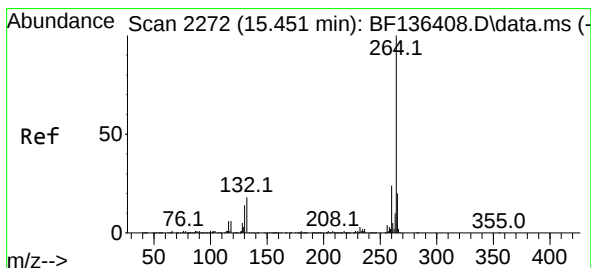
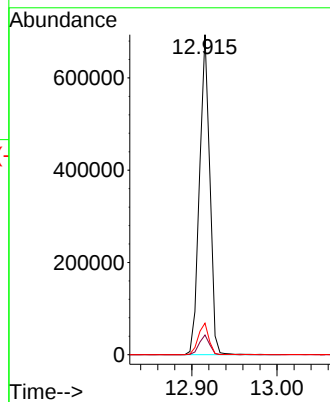
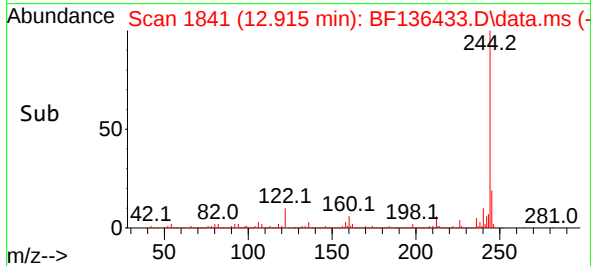


#79
 Terphenyl-d14
 Concen: 40.572 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136433.D
 Acq: 06 Dec 2023 17:45

Instrument :
 BNA_F
 ClientSampleId :

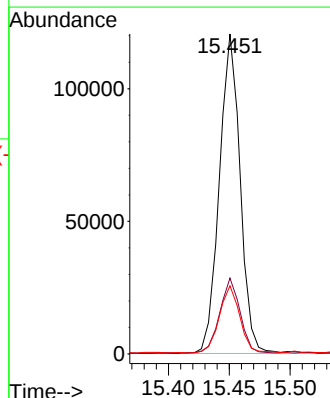
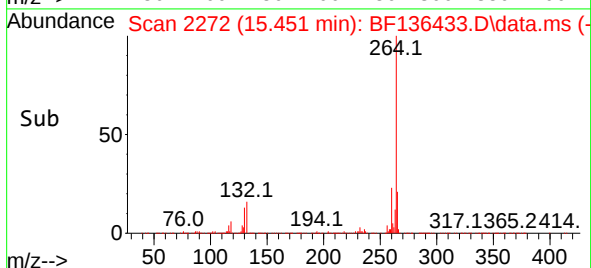
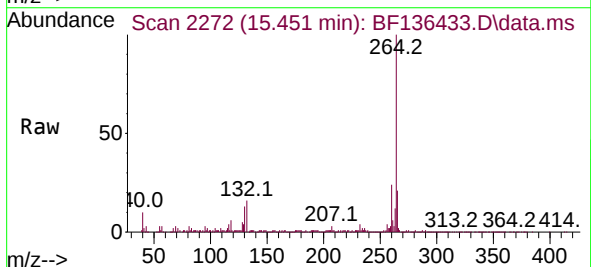


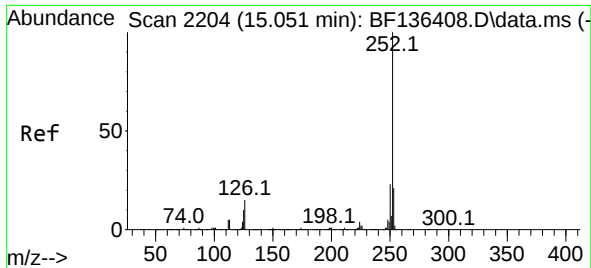
Tgt Ion:244 Resp: 583026
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.000 min
 Lab File: BF136433.D
 Acq: 06 Dec 2023 17:45

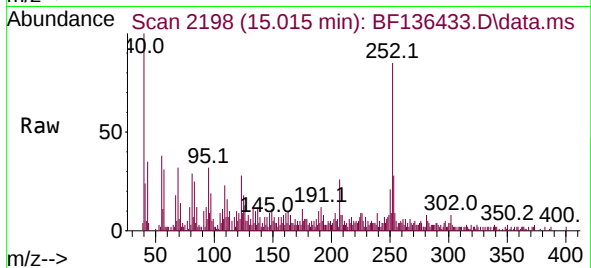
Tgt Ion:264 Resp: 143322
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 15.9 23.9





#89
Benzo(k)fluoranthene
Concen: 2.043 ng
RT: 15.015 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF136433.D
Acq: 06 Dec 2023 17:45

Instrument :
BNA_F
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.3	16.9	25.3#
125	21.4	7.5	11.3#

