

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136445.D
 Acq On : 07 Dec 2023 14:13
 Operator : CG\JU
 Sample : 05620-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CGM-CON

Quant Time: Dec 07 15:10:27 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)

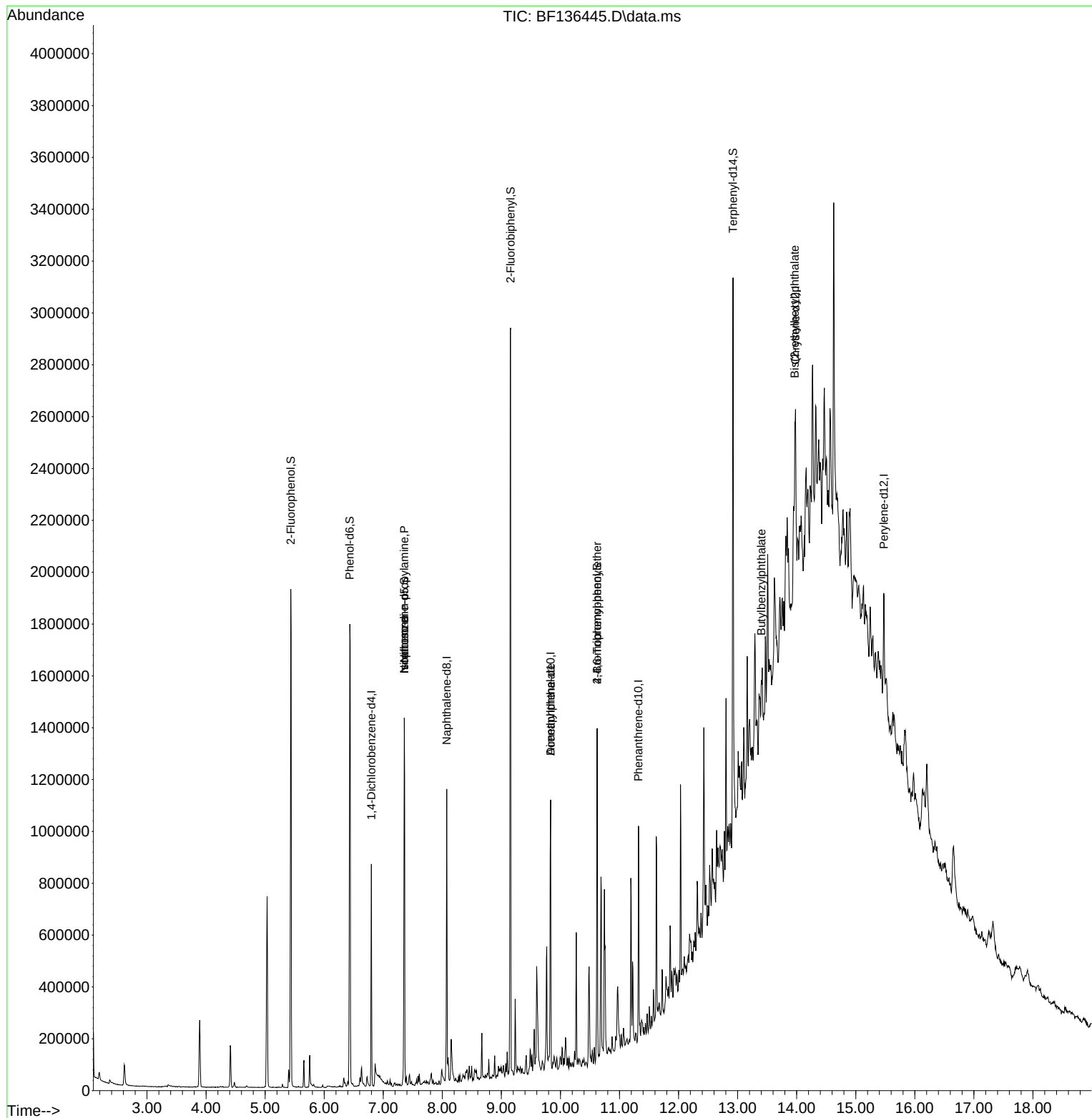
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	111250	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	442308	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	201272	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	280826	20.000	ng	0.00
76) Chrysene-d12	13.980	240	190739	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	235440	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	568180	75.425	ng	0.00
7) Phenol-d6	6.434	99	748484	79.638	ng	-0.01
23) Nitrobenzene-d5	7.357	82	480848	58.771	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	154462	62.240	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	952591	64.580	ng	0.00
79) Terphenyl-d14	12.921	244	684915	47.329	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.351	77	1150	Below Cal	#	62
19) n-Nitroso-di-n-propyla...	7.357	70	62516	11.531	ng	# 77
25) Isophorone	7.357	82	480011	32.655	ng	# 65
50) Dimethylphthalate	9.833	163	42150	2.844	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	9784	2.997	ng	# 1
77) Benzidine	12.680	184	879	Below Cal	#	1
80) Butylbenzylphthalate	13.404	149	25009	3.761	ng	# 83
84) Bis(2-ethylhexyl)phtha...	13.968	149	149343	18.320	ng	97

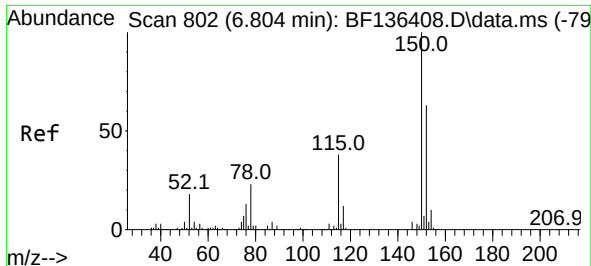
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_F
ClientSampleId :
CGM-CON

Quant Time: Dec 07 15:10:27 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

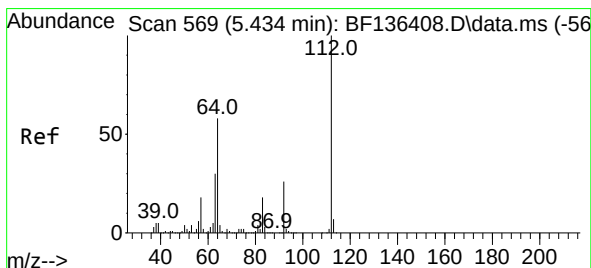
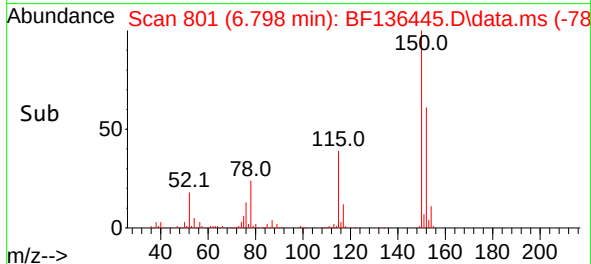
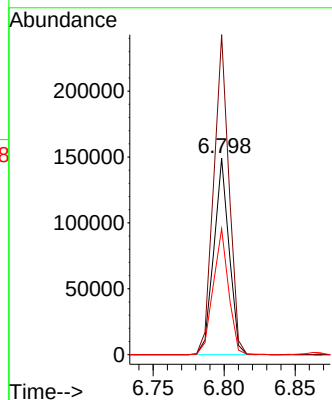
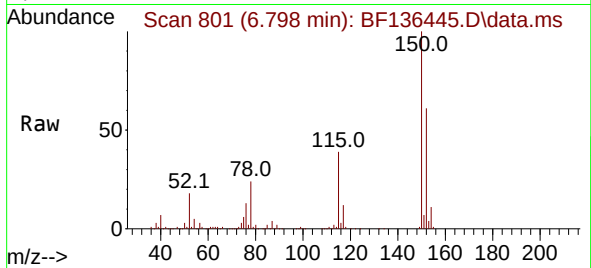




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

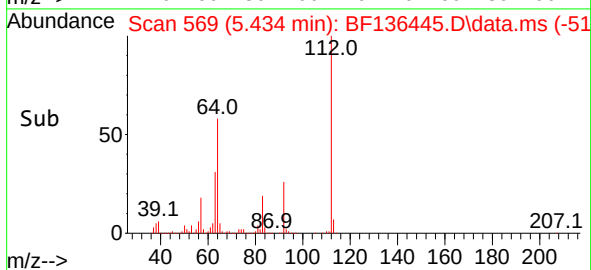
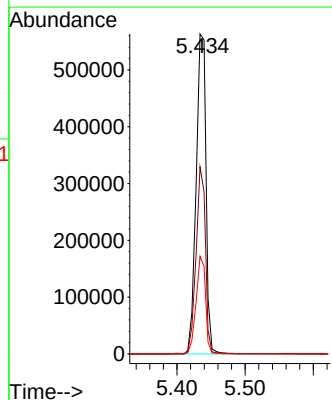
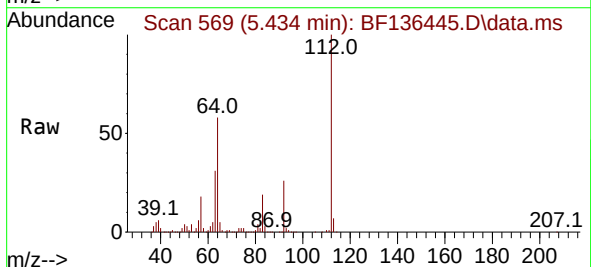
Instrument :
BNA_F
ClientSampleId :
CGM-CON

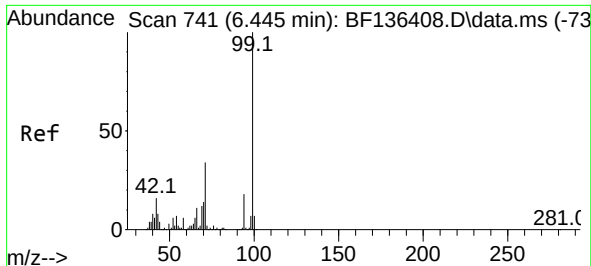
Tgt Ion:152 Resp: 111250
Ion Ratio Lower Upper
152 100
150 162.8 126.4 189.6
115 64.1 48.2 72.4



#5
2-Fluorophenol
Concen: 75.425 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.000 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:112 Resp: 568180
Ion Ratio Lower Upper
112 100
64 58.4 46.5 69.7
63 30.5 23.9 35.9

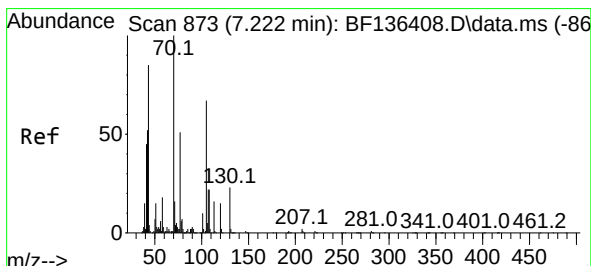
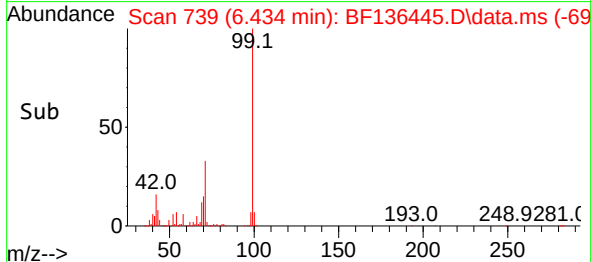
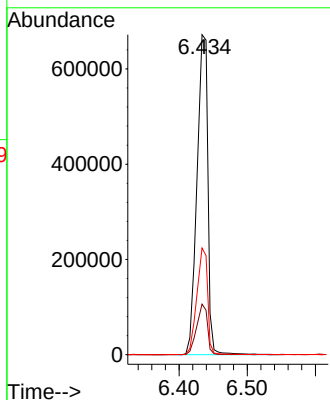
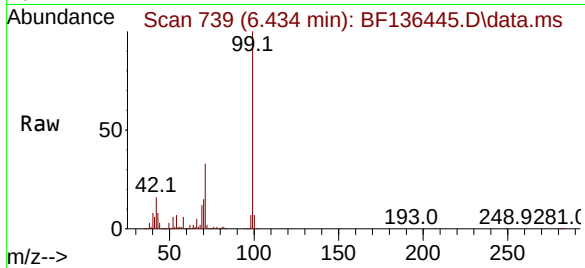




#7
Phenol-d6
Concen: 79.638 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

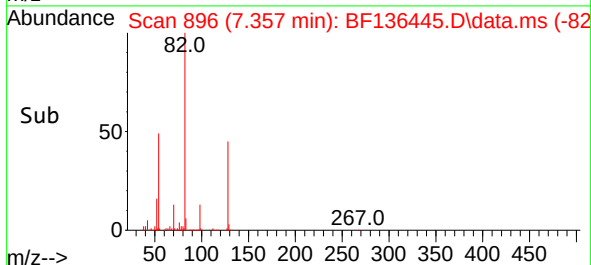
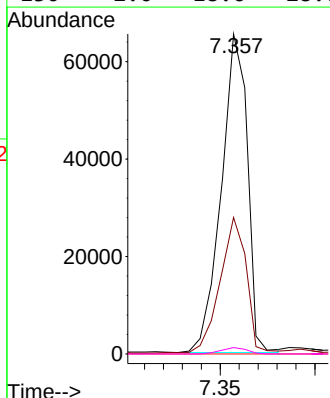
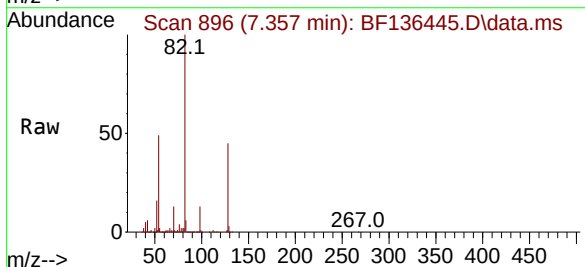
Instrument :
BNA_F
ClientSampleId :
CGM-CON

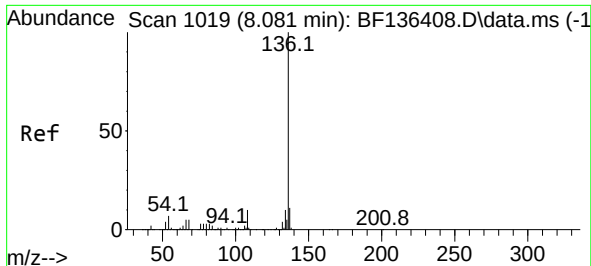
Tgt Ion: 99 Resp: 748484
Ion Ratio Lower Upper
99 100
42 15.8 12.8 19.2
71 33.4 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.531 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

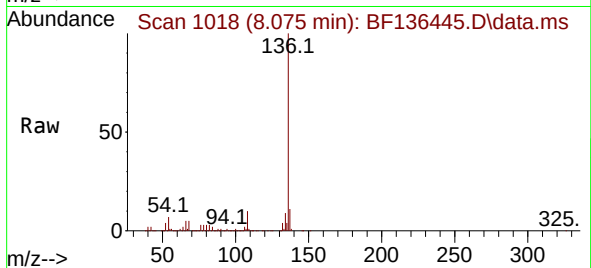
Tgt Ion: 70 Resp: 62516
Ion Ratio Lower Upper
70 100
42 42.7 41.4 62.0
101 0.0 8.2 12.4#
130 2.0 18.6 28.0#



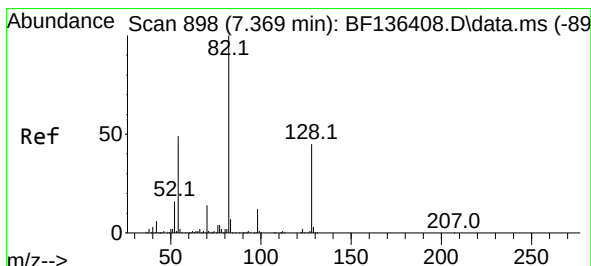
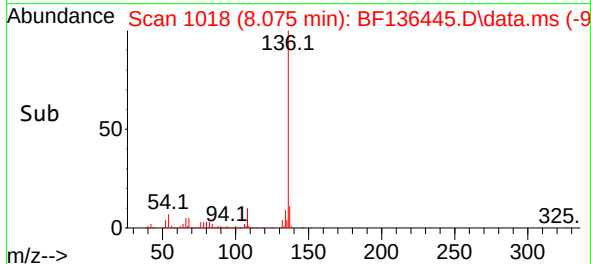
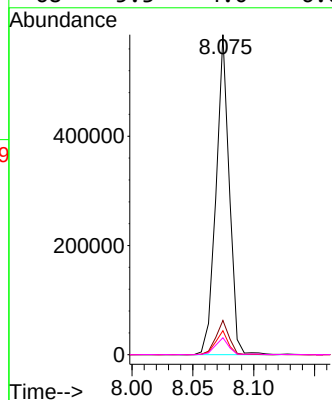


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Instrument :
BNA_F
ClientSampleId :
CGM-CON

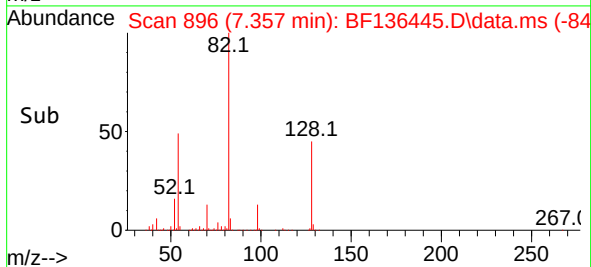
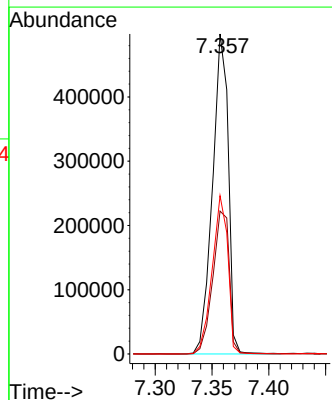
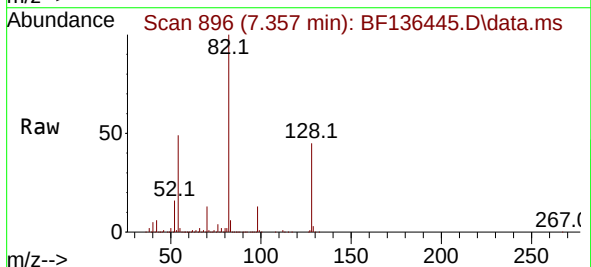


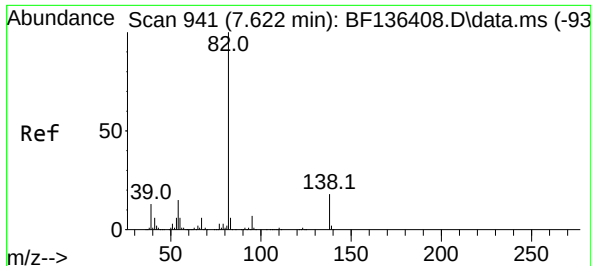
Tgt Ion:	136	Resp:	442308
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.5	5.7	8.5
68	5.3	4.0	6.0



#23
Nitrobenzene-d5
Concen: 58.771 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:	82	Resp:	480848
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	49.5	39.0	58.6

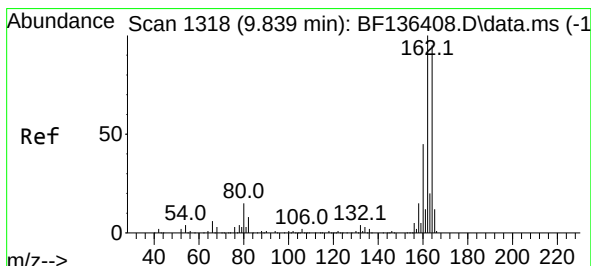
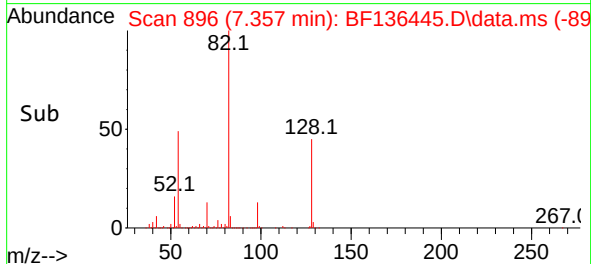
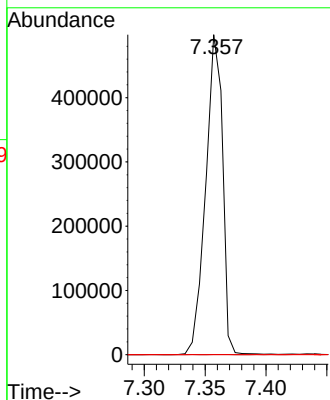
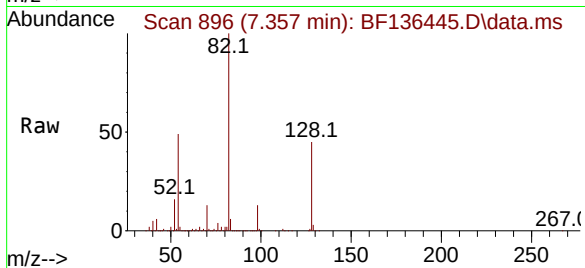




#25
Isophorone
Concen: 32.655 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

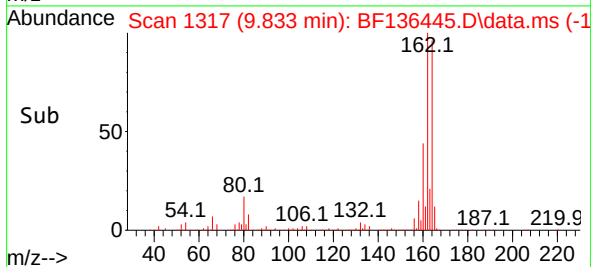
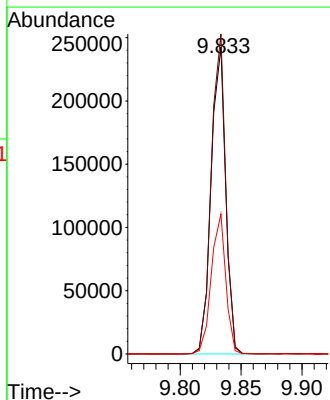
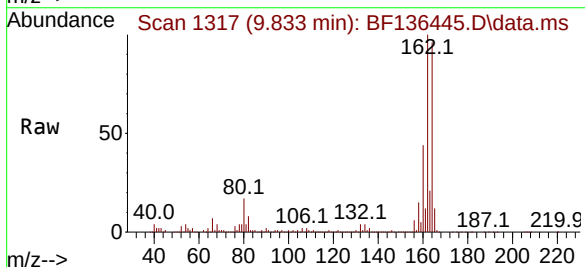
Instrument :
BNA_F
ClientSampleId :
CGM-CON

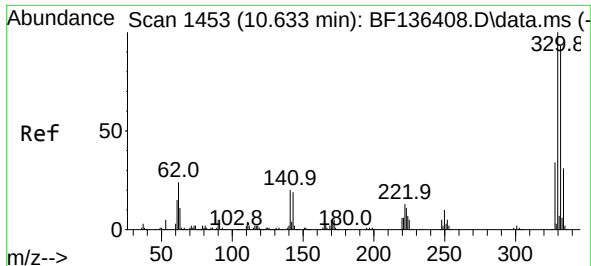
Tgt Ion: 82 Resp: 480011
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion: 164 Resp: 201272
Ion Ratio Lower Upper
164 100
162 104.2 84.4 126.6
160 45.6 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 62.240 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

Instrument :

BNA_F

ClientSampleId :

CGM-CON

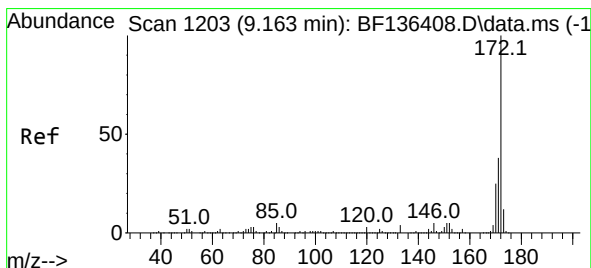
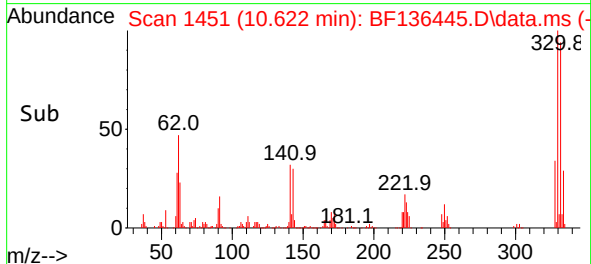
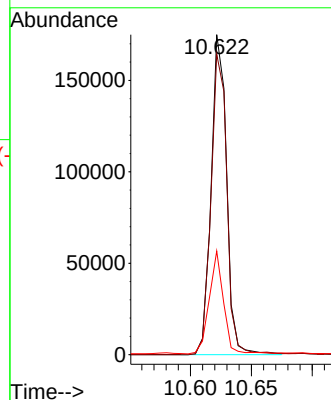
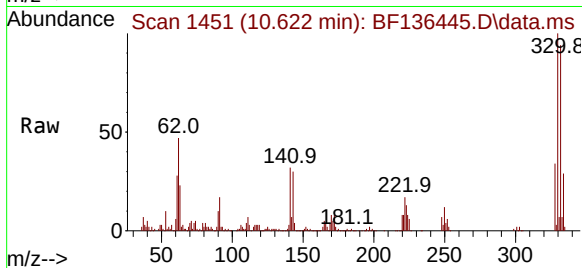
Tgt Ion:330 Resp: 154462

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

141 29.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 64.580 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

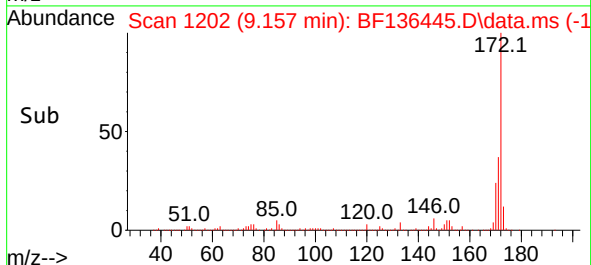
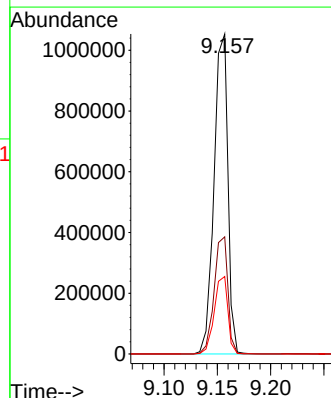
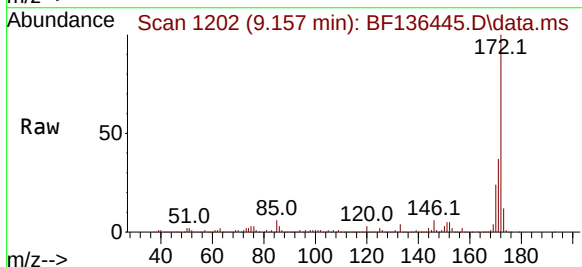
Tgt Ion:172 Resp: 952591

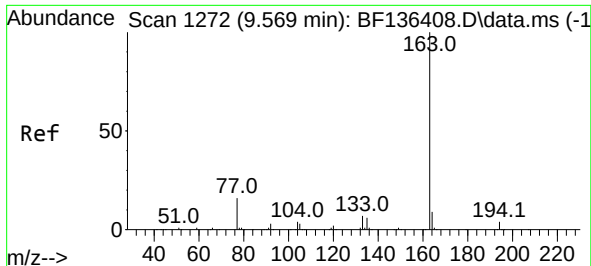
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 24.2 19.9 29.9

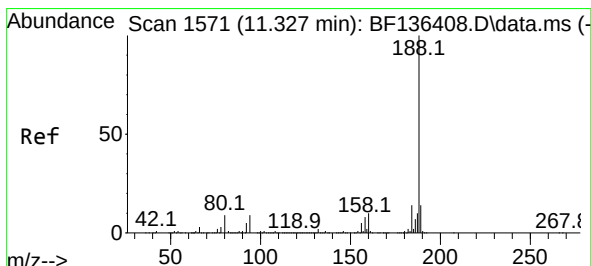
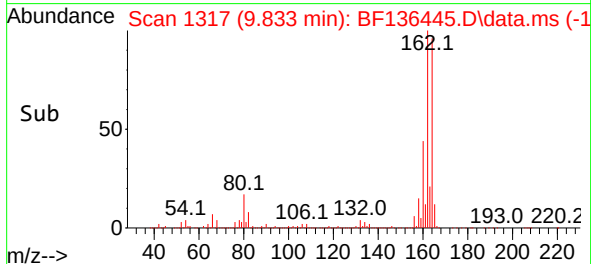
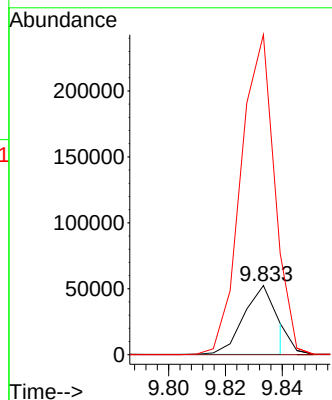
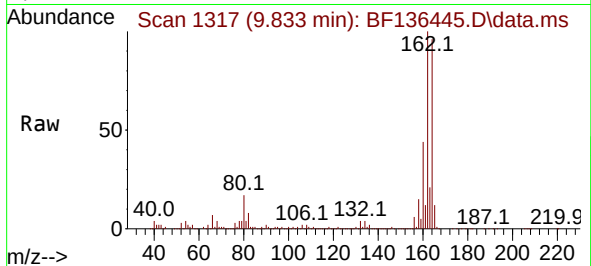




#50
Dimethylphthalate
Concen: 2.844 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

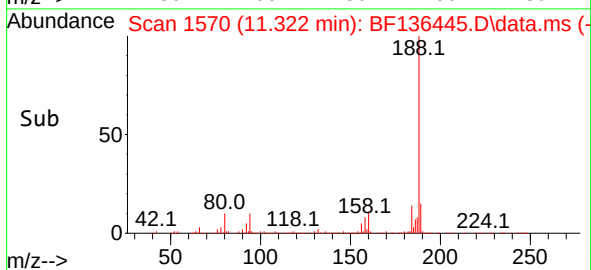
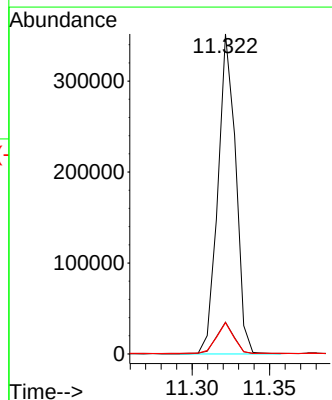
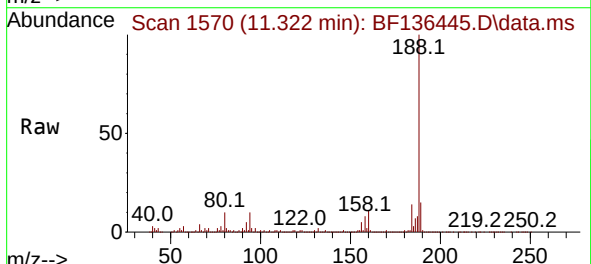
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CGM-CON

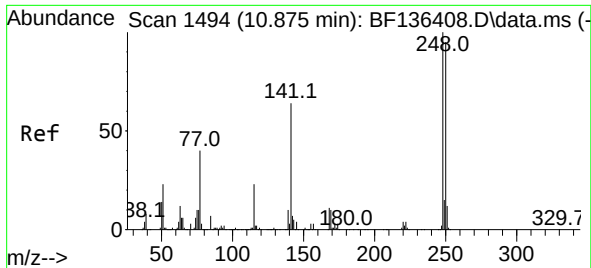
Tgt Ion:163 Resp: 42150
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 463.4 7.4 11.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:188 Resp: 280826
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 9.8 7.2 10.8

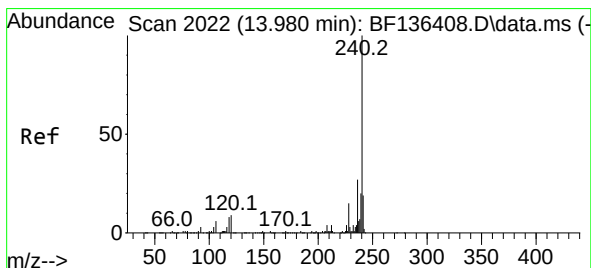
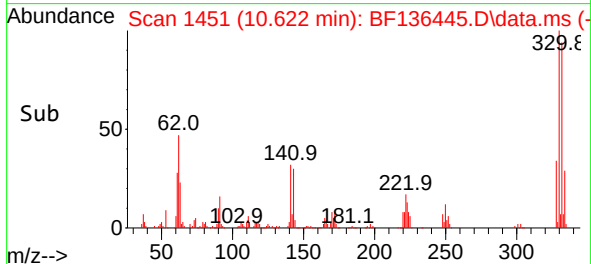
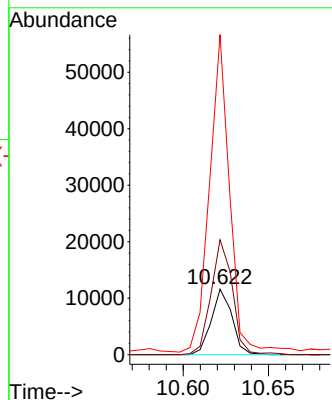
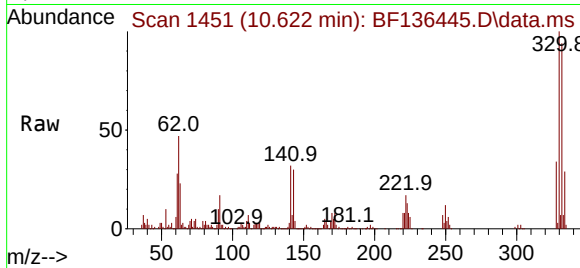




#67
4-Bromophenyl-phenylether
Concen: 2.997 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

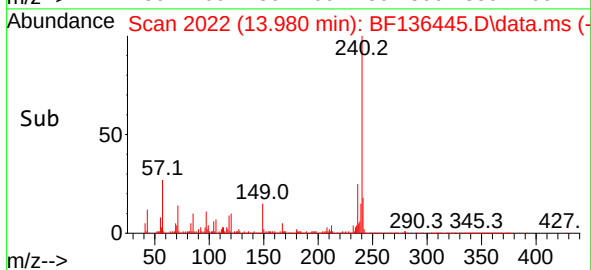
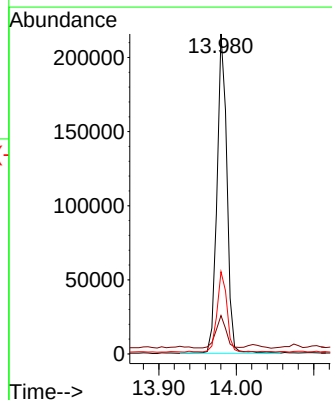
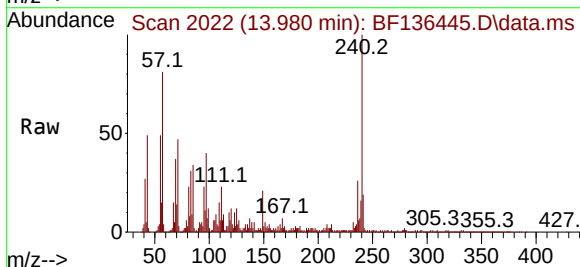
Instrument :
BNA_F
ClientSampleId :
CGM-CON

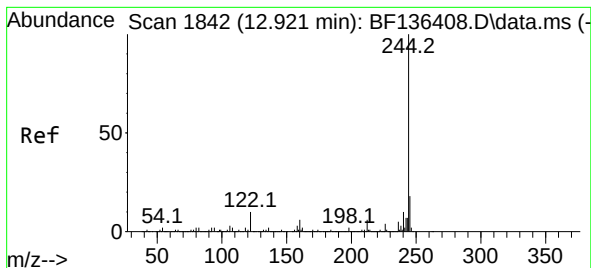
Tgt Ion:248 Resp: 9784
Ion Ratio Lower Upper
248 100
250 175.5 76.2 114.2#
141 489.2 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:240 Resp: 190739
Ion Ratio Lower Upper
240 100
120 12.0 7.3 10.9#
236 25.7 21.3 31.9





#79

Terphenyl-d14

Concen: 47.329 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

Instrument :

BNA_F

ClientSampleId :

CGM-CON

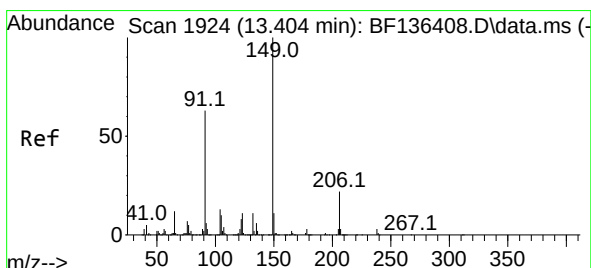
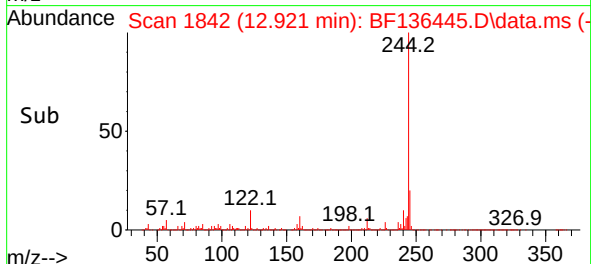
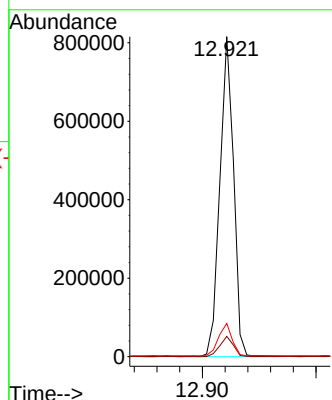
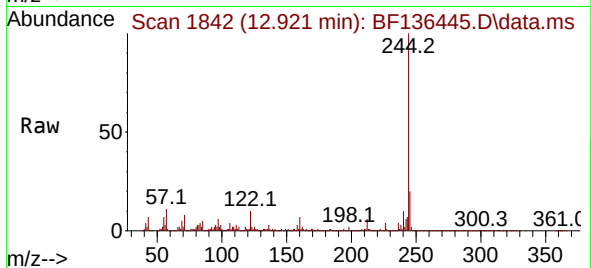
Tgt Ion:244 Resp: 684915

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 10.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 3.761 ng

RT: 13.404 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF136445.D

Acq: 07 Dec 2023 14:13

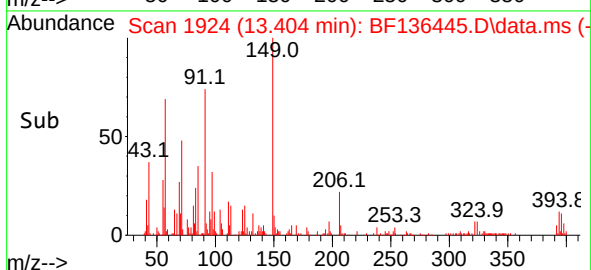
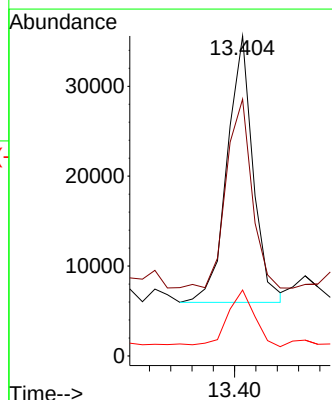
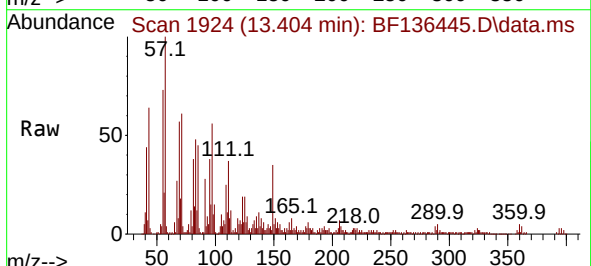
Tgt Ion:149 Resp: 25009

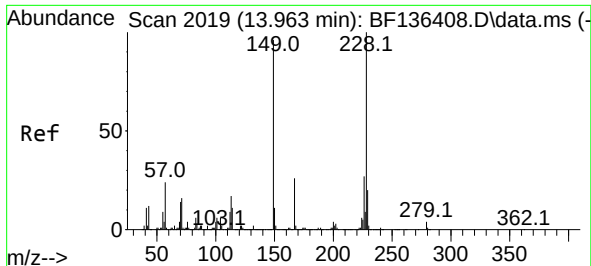
Ion Ratio Lower Upper

149 100

91 80.3 50.5 75.7#

206 20.6 17.4 26.2

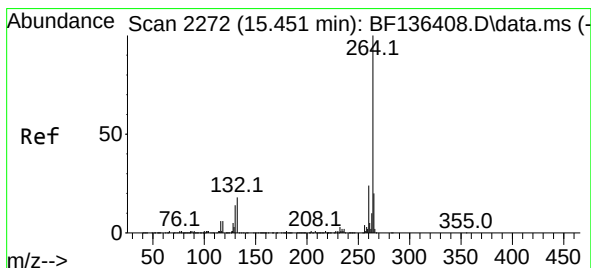
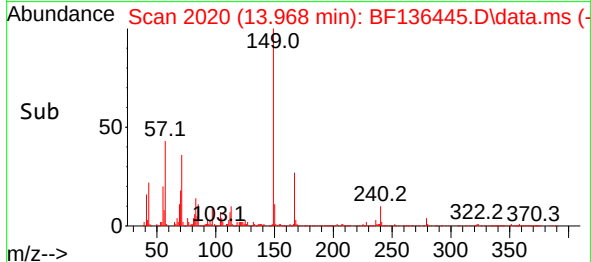
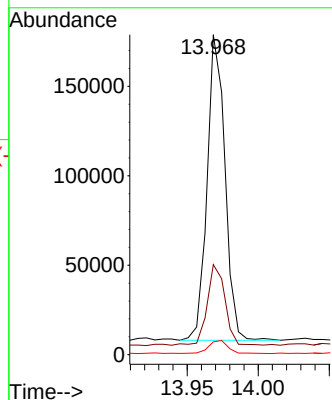
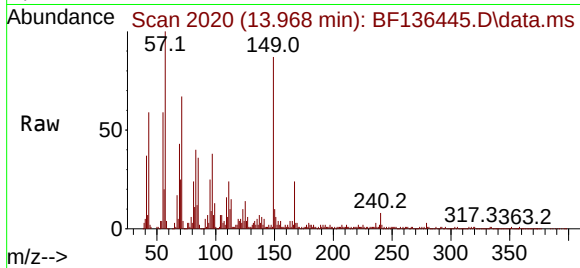




#84
Bis(2-ethylhexyl)phthalate
Concen: 18.320 ng
RT: 13.968 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Instrument :
BNA_F
ClientSampleId :
CGM-CON

Tgt Ion:149 Resp: 149343
Ion Ratio Lower Upper
149 100
167 28.2 21.2 31.8
279 4.0 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.023 min
Lab File: BF136445.D
Acq: 07 Dec 2023 14:13

Tgt Ion:264 Resp: 235440
Ion Ratio Lower Upper
264 100
260 23.0 19.2 28.8
265 21.9 15.9 23.9

