

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136805.D
 Acq On : 28 Dec 2023 21:22
 Operator : CG\JU
 Sample : 05926-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-3.7-4.7

Quant Time: Dec 28 23:31:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

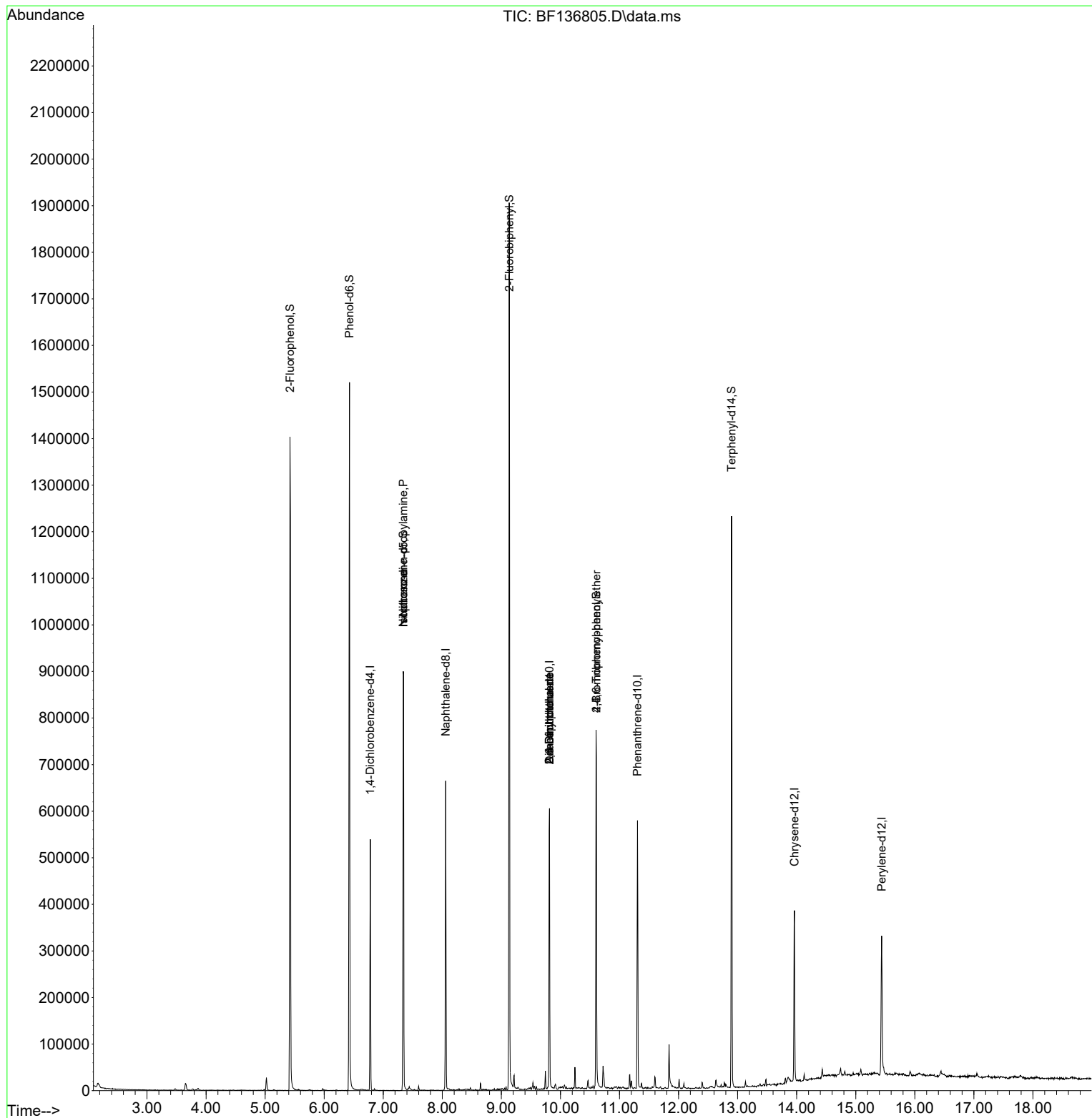
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	70642	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267639	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	126729	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	204796	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	135362	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	148609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	391414	86.452	ng	0.00
7) Phenol-d6	6.428	99	488681	83.300	ng	-0.01
23) Nitrobenzene-d5	7.339	82	303505	58.028	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	103277	69.197	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	578311	61.377	ng	-0.02
79) Terphenyl-d14	12.898	244	433806	44.786	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	40358	11.348	ng	# 73
25) Isophorone	7.339	82	303502	31.890	ng	# 65
50) Dimethylphthalate	9.816	163	25652	2.771	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	16271	7.745	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	16271	5.966	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	6404	2.816	ng	# 1

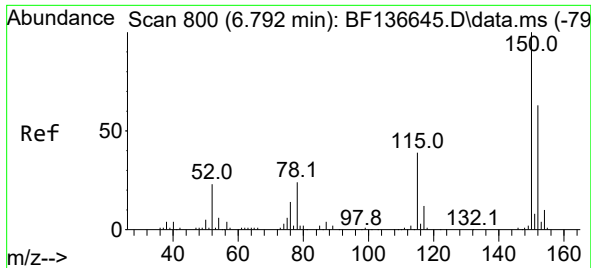
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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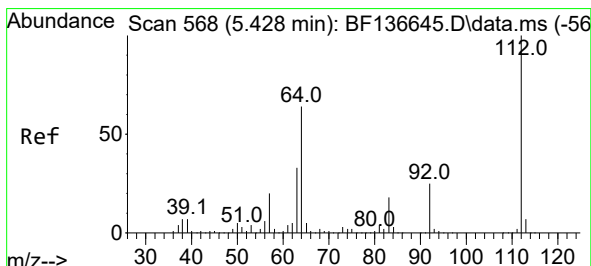
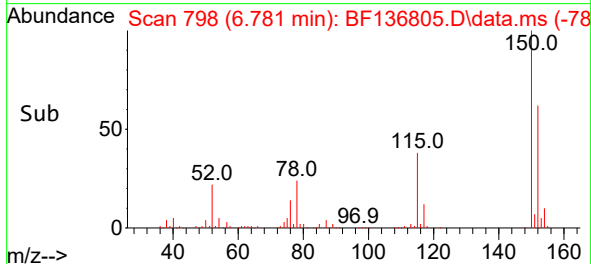
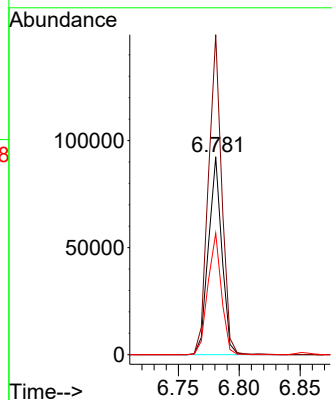
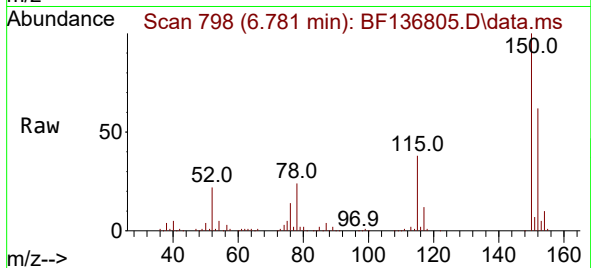




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136805.D
 Acq: 28 Dec 2023 21:22

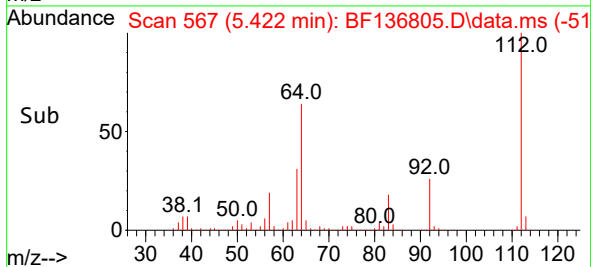
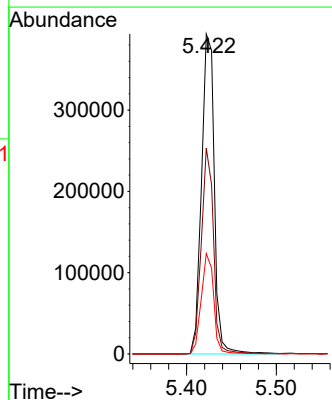
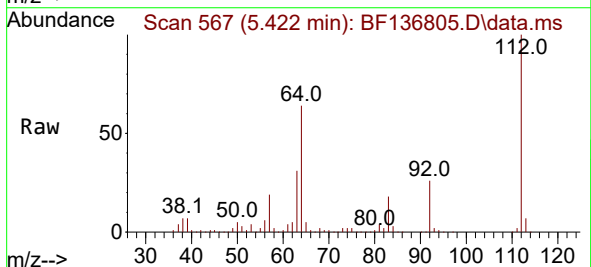
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-3.7-4.7

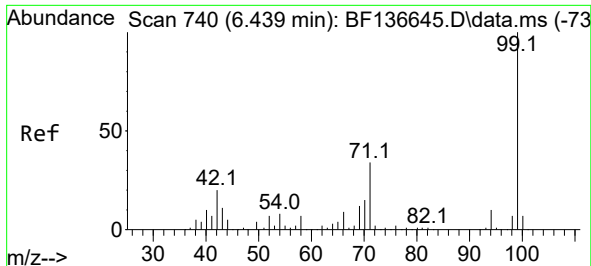
Tgt Ion:152 Resp: 70642
 Ion Ratio Lower Upper
 152 100
 150 161.6 127.0 190.6
 115 61.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 86.452 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF136805.D
 Acq: 28 Dec 2023 21:22

Tgt Ion:112 Resp: 391414
 Ion Ratio Lower Upper
 112 100
 64 64.3 51.1 76.7
 63 31.4 26.1 39.1

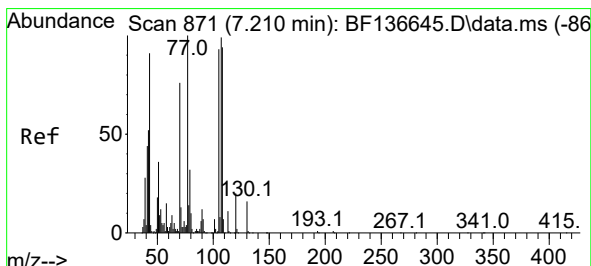
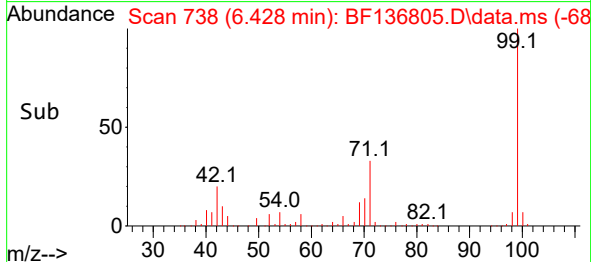
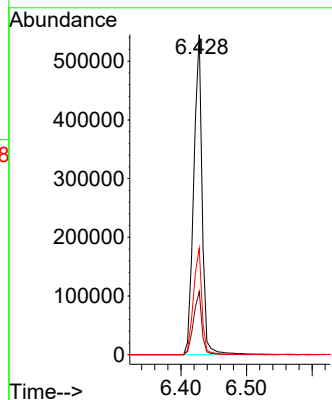
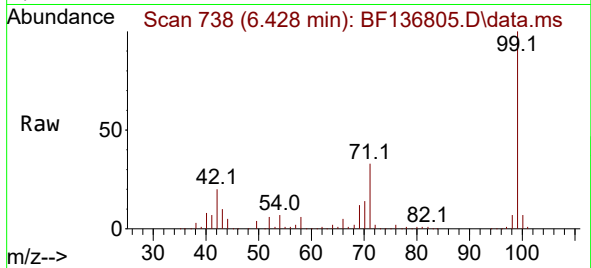




#7
Phenol-d6
Concen: 83.300 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

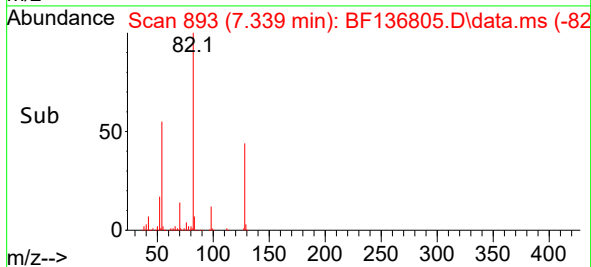
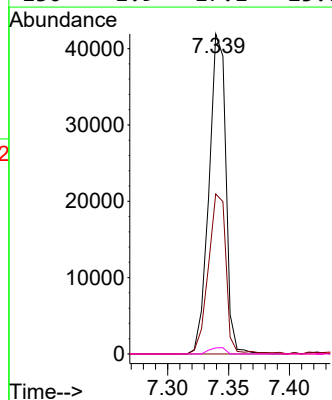
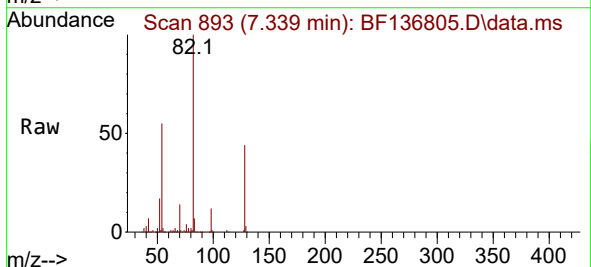
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion: 99 Resp: 488681
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.348 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion: 70 Resp: 40358
Ion Ratio Lower Upper
70 100
42 50.0 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF136805.D

Acq: 28 Dec 2023 21:22

Instrument :

BNA_F

ClientSampleId :

MR-319-3.7-4.7

Tgt Ion:136 Resp: 267639

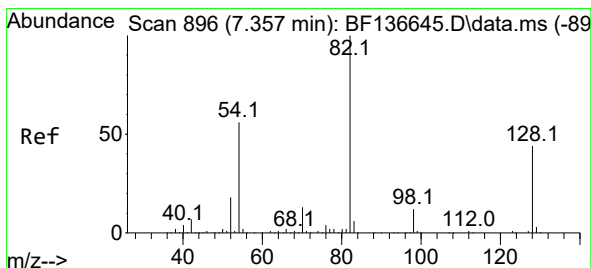
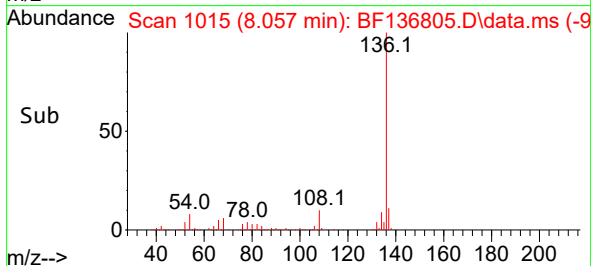
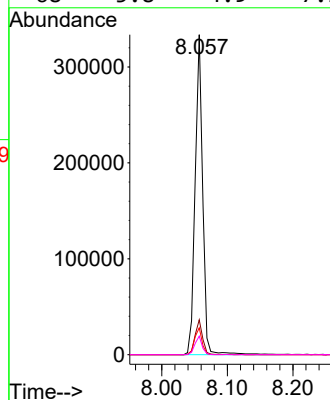
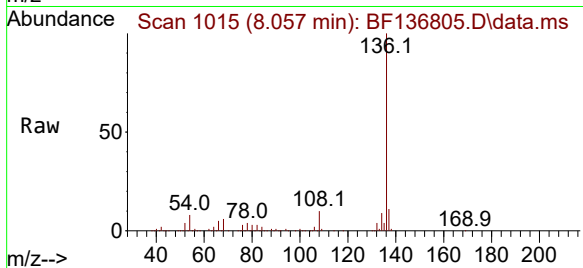
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 8.4 7.2 10.8

68 5.8 4.9 7.3



#23

Nitrobenzene-d5

Concen: 58.028 ng

RT: 7.339 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF136805.D

Acq: 28 Dec 2023 21:22

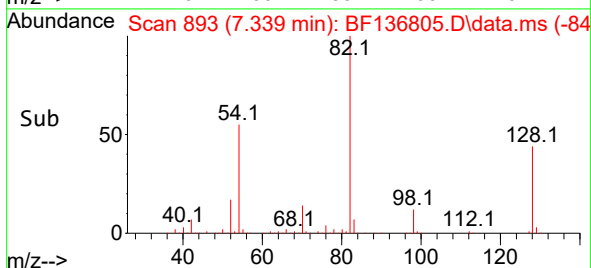
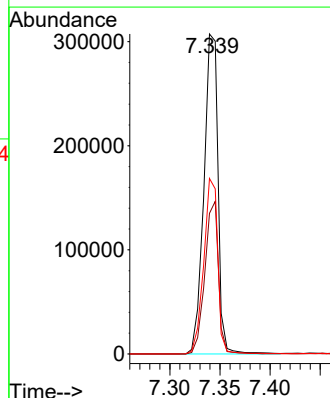
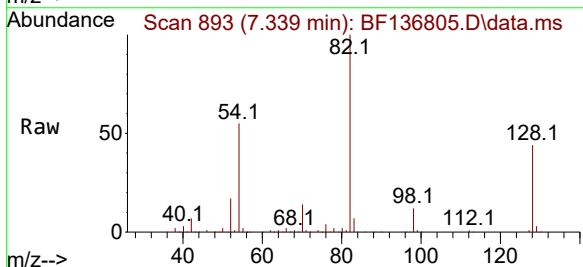
Tgt Ion: 82 Resp: 303505

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 54.9 44.5 66.7

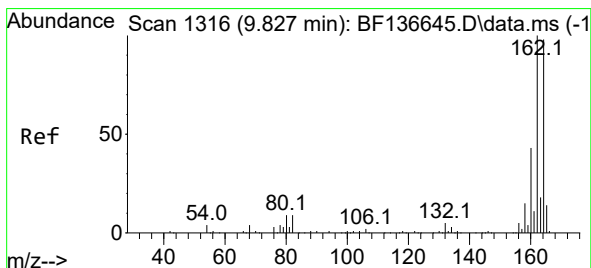
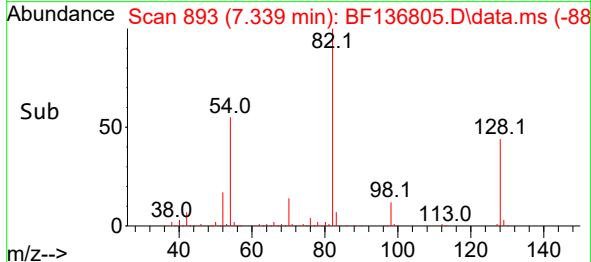
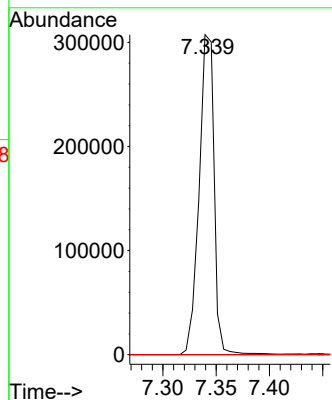
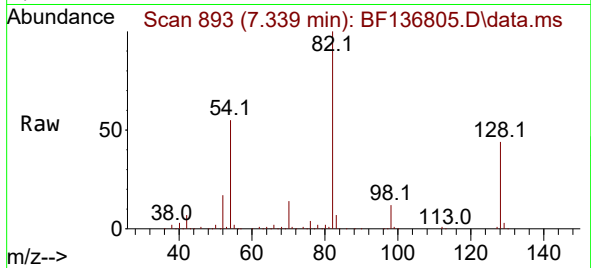




#25
Isophorone
Concen: 31.890 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

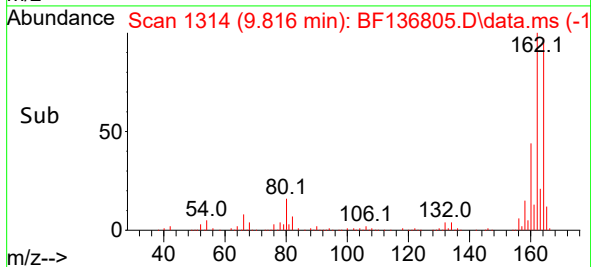
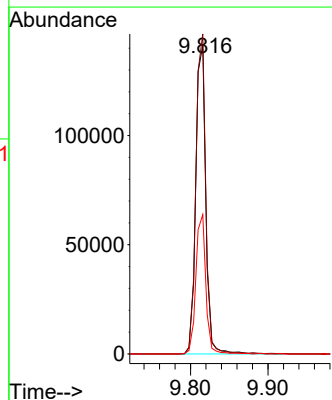
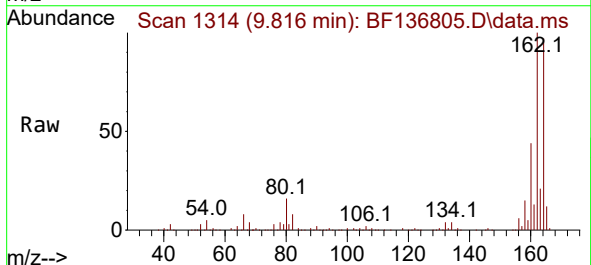
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion: 82 Resp: 303502
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion:164 Resp: 126729
Ion Ratio Lower Upper
164 100
162 103.6 81.6 122.4
160 45.1 34.9 52.3

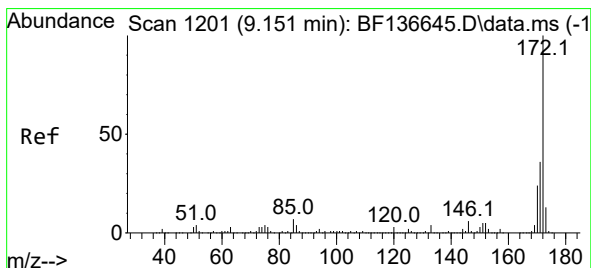
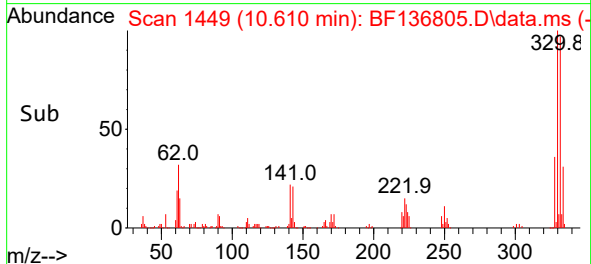
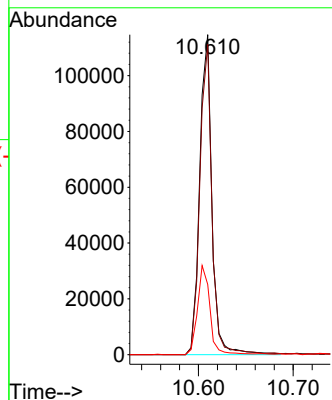
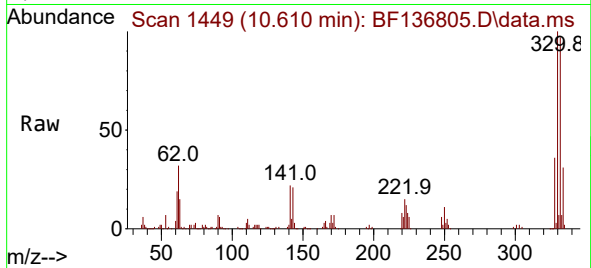




#42
2,4,6-Tribromophenol
Concen: 69.197 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

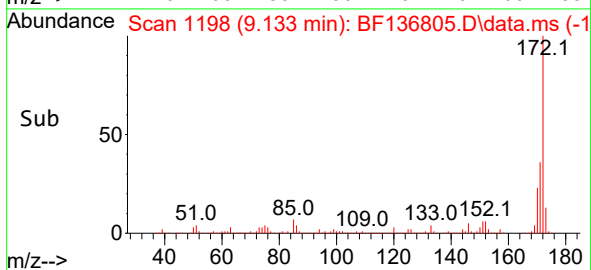
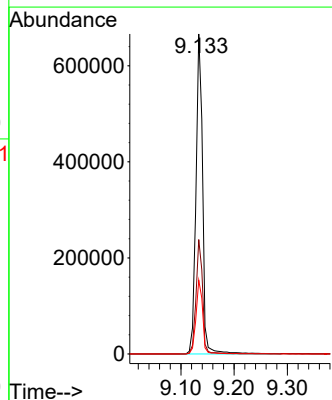
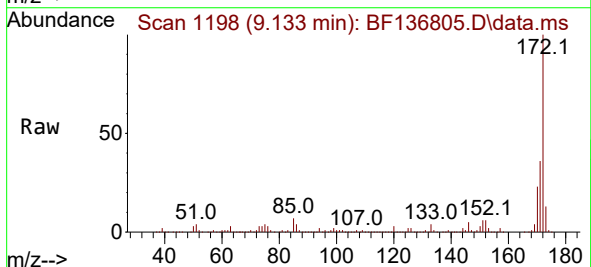
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ClientSampleId :
MR-319-3.7-4.7

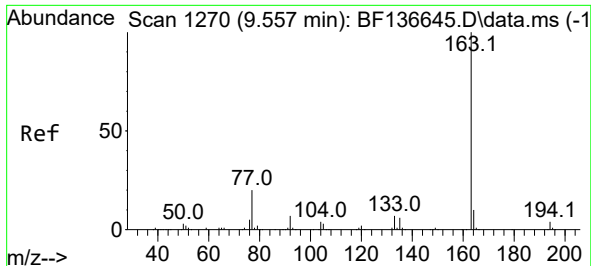
Tgt Ion:330 Resp: 103277
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.377 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion:172 Resp: 578311
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.1 19.0 28.4

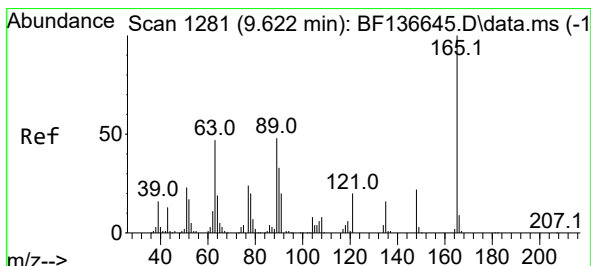
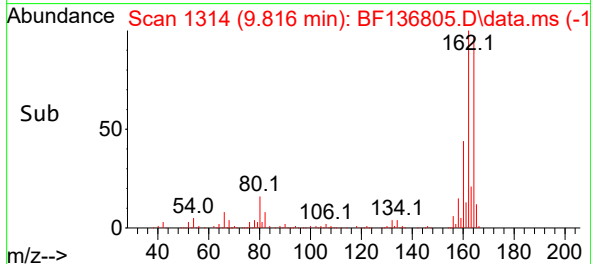
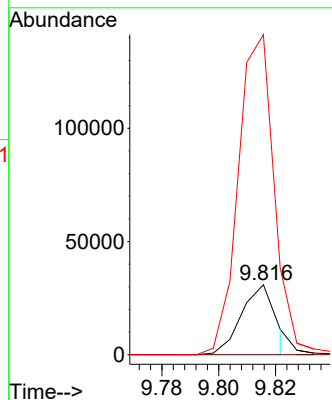
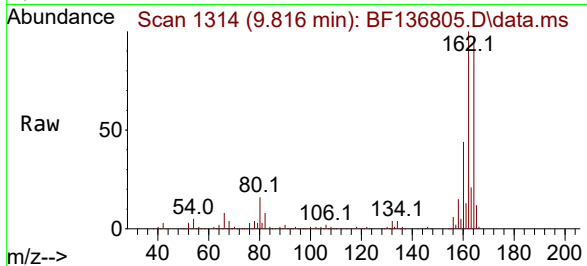




#50
Dimethylphthalate
Concen: 2.771 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

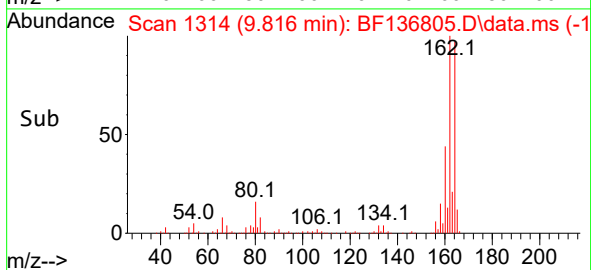
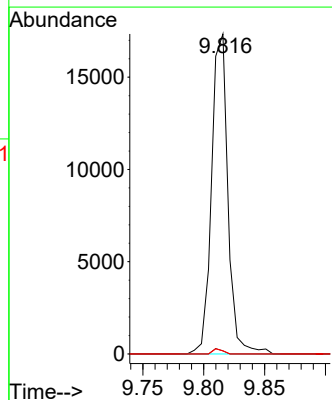
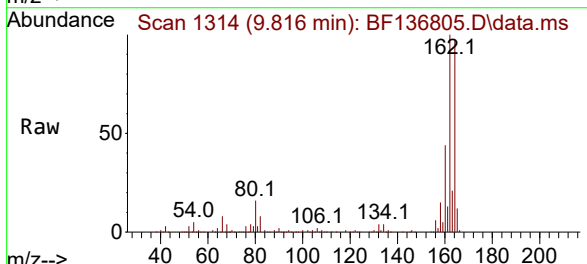
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BNA_F
ClientSampleId :
MR-319-3.7-4.7

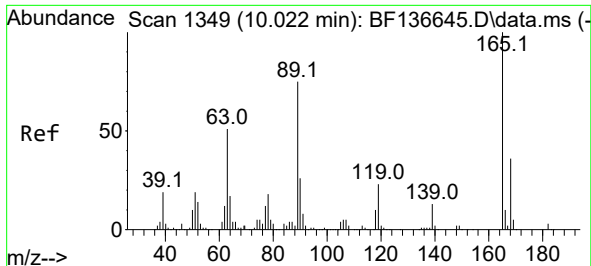
Tgt Ion:163 Resp: 25652
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 457.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.745 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion:165 Resp: 16271
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.0 38.8 58.2#





#57

2,4-Dinitrotoluene

Concen: 5.966 ng

RT: 9.816 min Scan# 1

Delta R.T. -0.206 min

Lab File: BF136805.D

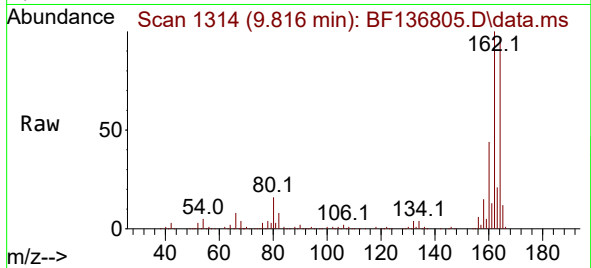
Acq: 28 Dec 2023 21:22

Instrument :

BNA_F

ClientSampleId :

MR-319-3.7-4.7



Tgt Ion:165 Resp: 16271

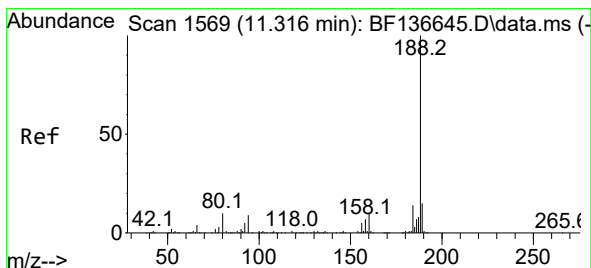
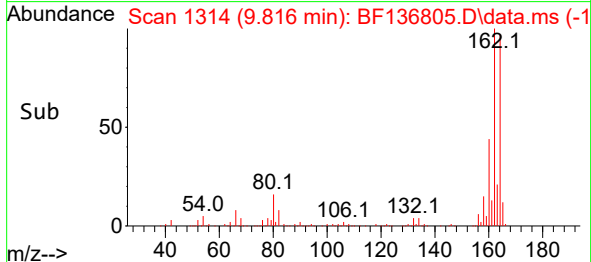
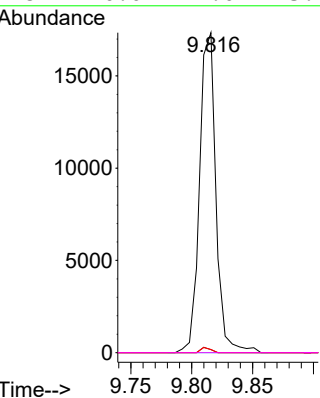
Ion Ratio Lower Upper

165 100

63 1.0 41.0 61.6#

89 1.0 59.9 89.9#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF136805.D

Acq: 28 Dec 2023 21:22

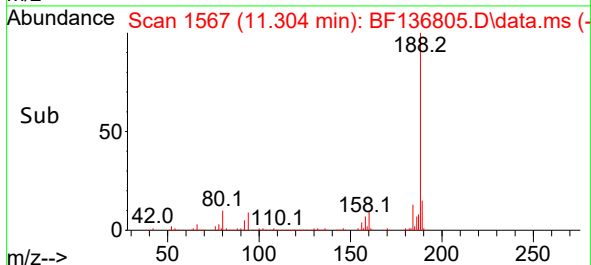
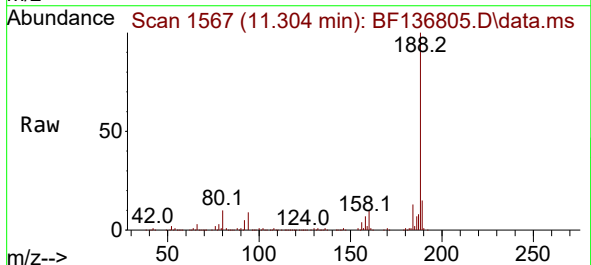
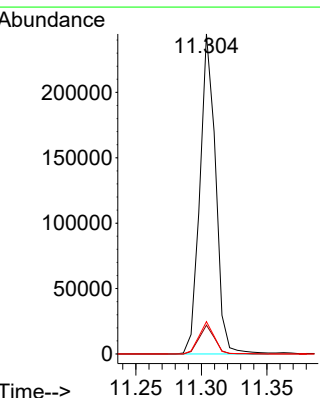
Tgt Ion:188 Resp: 204796

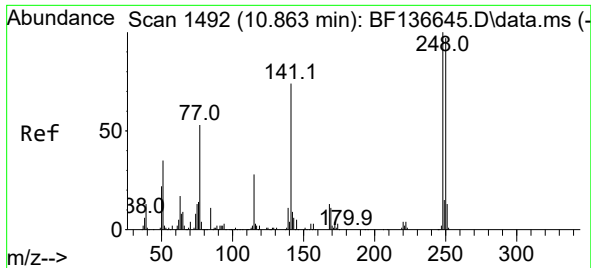
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.1 8.1 12.1

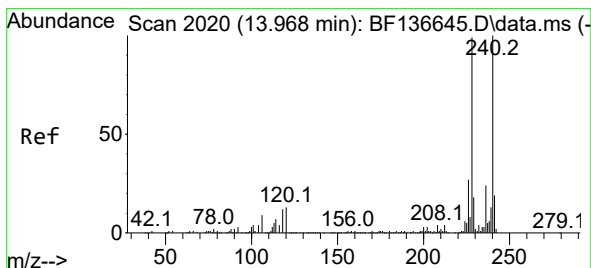
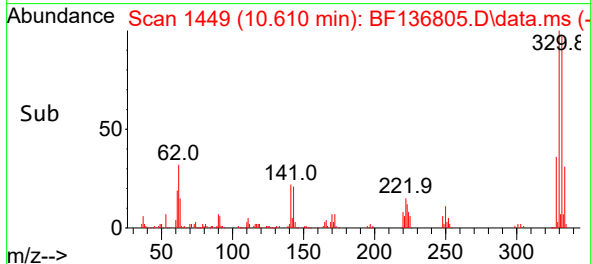
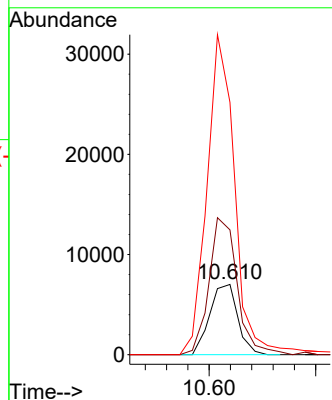
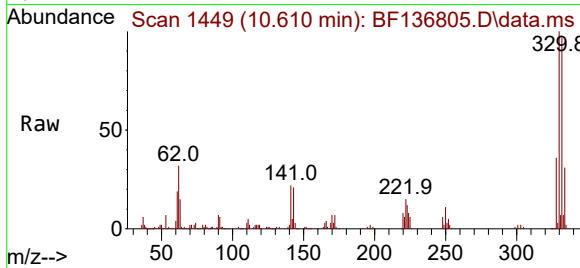




#67
4-Bromophenyl-phenylether
Concen: 2.816 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

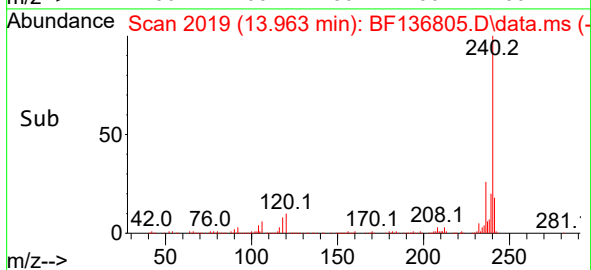
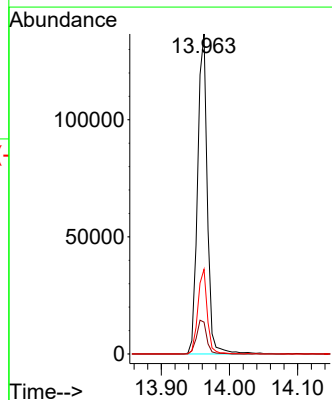
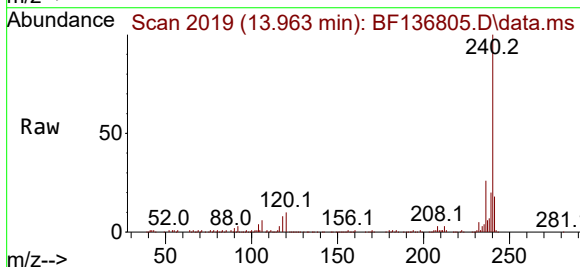
Instrument :
BNA_F
ClientSampleId :
MR-319-3.7-4.7

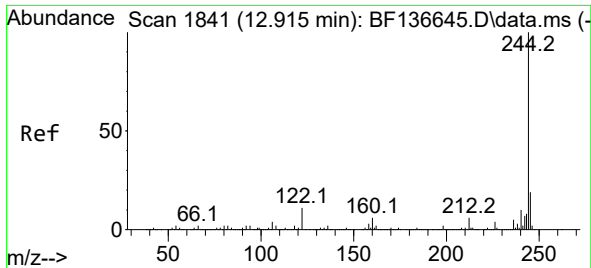
Tgt Ion:248 Resp: 6404
Ion Ratio Lower Upper
248 100
250 177.5 77.8 116.6#
141 359.0 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136805.D
Acq: 28 Dec 2023 21:22

Tgt Ion:240 Resp: 135362
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 26.5 19.4 29.2

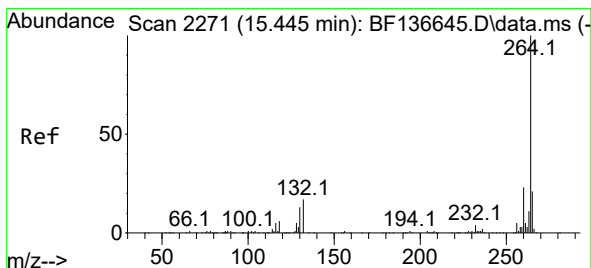
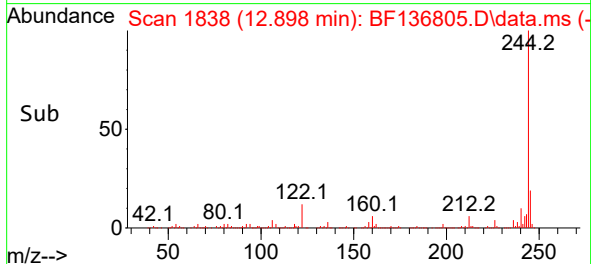
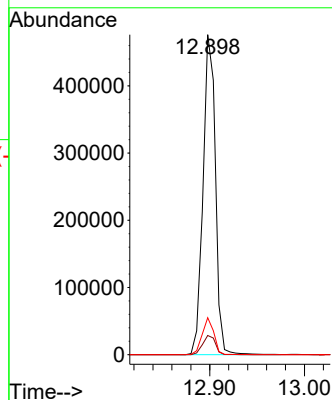
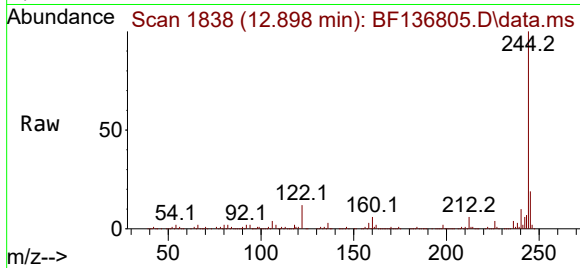




#79
 Terphenyl-d14
 Concen: 44.786 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.018 min
 Lab File: BF136805.D
 Acq: 28 Dec 2023 21:22

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-3.7-4.7

Tgt Ion:244 Resp: 433806
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 11.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136805.D
 Acq: 28 Dec 2023 21:22

Tgt Ion:264 Resp: 148609
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 20.5 17.0 25.6

