

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136458.D
 Acq On : 07 Dec 2023 21:09
 Operator : CG\JU
 Sample : 05599-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08

Quant Time: Dec 08 00:43:19 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)

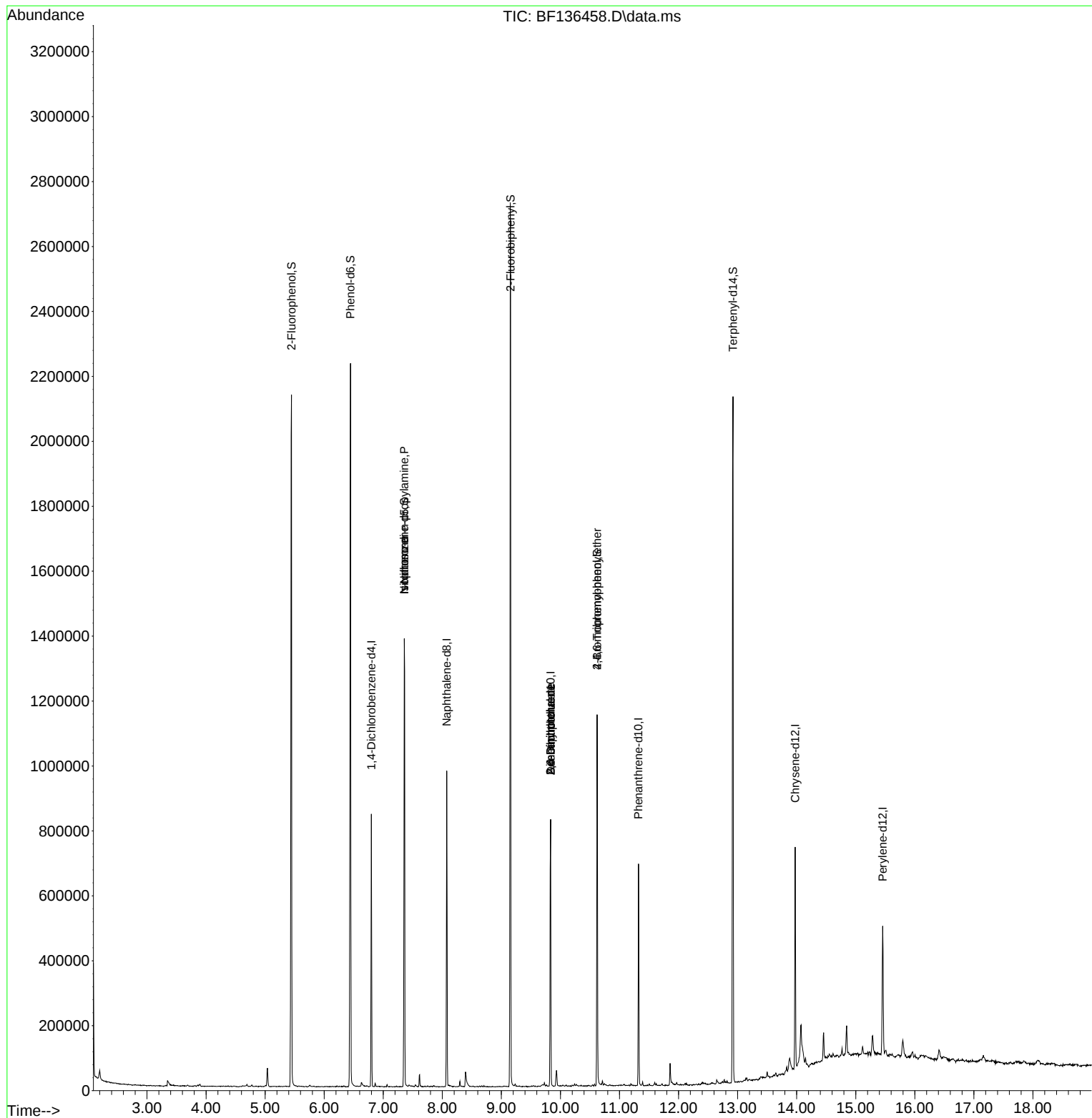
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	108266	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	403087	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	162338	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	231913	20.000	ng	0.00
76) Chrysene-d12	13.974	240	217895	20.000	ng	0.00
86) Perylene-d12	15.457	264	194504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	636463	86.818	ng	0.01
7) Phenol-d6	6.445	99	766813	83.836	ng	0.00
23) Nitrobenzene-d5	7.357	82	466263	62.533	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	140546	70.215	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	876065	73.636	ng	0.00
79) Terphenyl-d14	12.921	244	752901	45.543	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	1131	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	60860	11.535	ng	# 77
25) Isophorone	7.357	82	466257	34.806	ng	# 65
50) Dimethylphthalate	9.833	163	33498	2.803	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	20589	7.657	ng	# 28
57) 2,4-Dinitrotoluene	9.833	165	20589	5.788	ng	# 27
67) 4-Bromophenyl-phenylether	10.622	248	8534	3.165	ng	# 1
77) Benzidine	12.921	184	8342	Below Cal	#	91

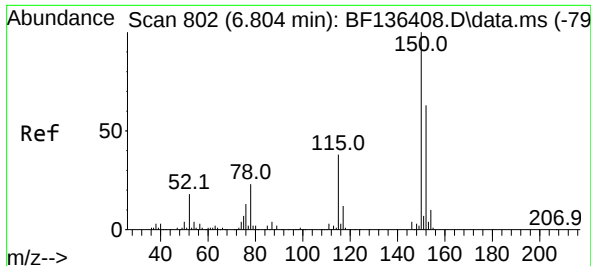
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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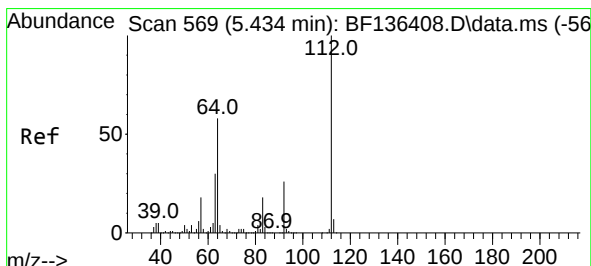
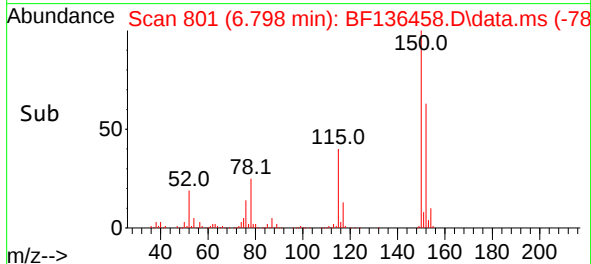
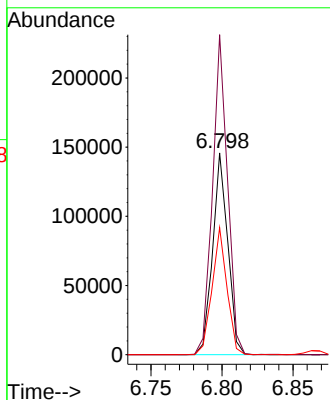
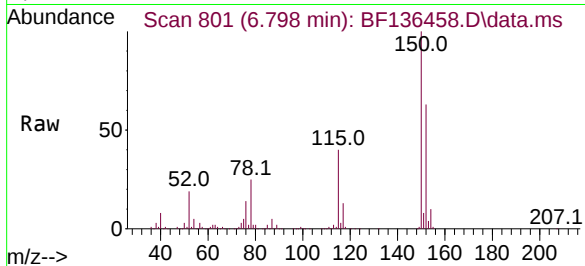




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

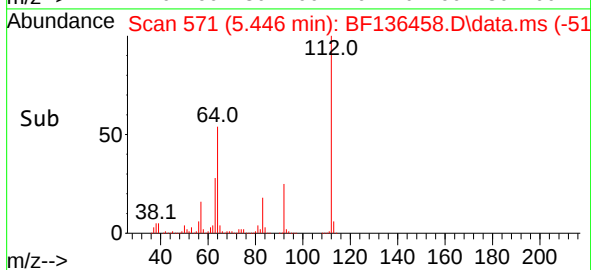
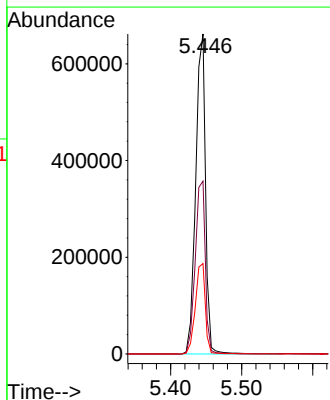
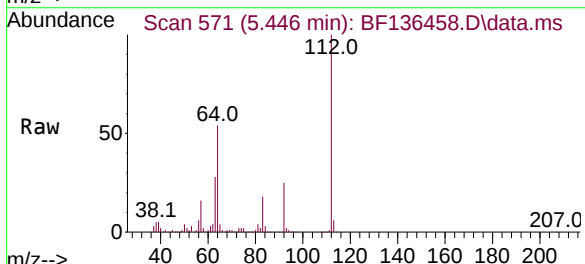
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08

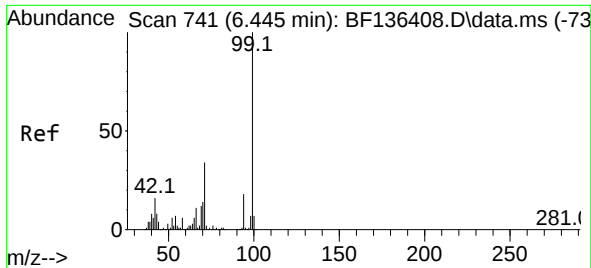
Tgt Ion:152 Resp: 108266
Ion Ratio Lower Upper
152 100
150 158.6 126.4 189.6
115 63.0 48.2 72.4



#5
2-Fluorophenol
Concen: 86.818 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion:112 Resp: 636463
Ion Ratio Lower Upper
112 100
64 54.0 46.5 69.7
63 28.3 23.9 35.9

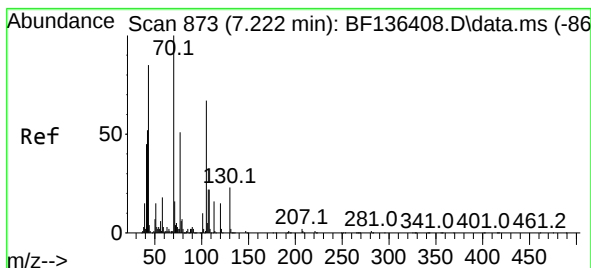
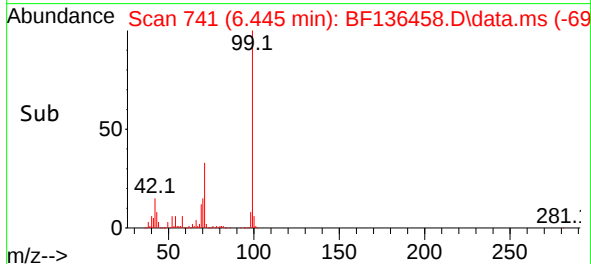
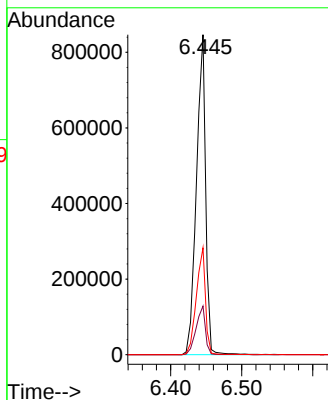
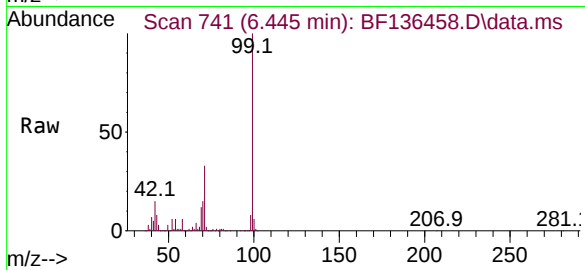




#7
Phenol-d6
Concen: 83.836 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

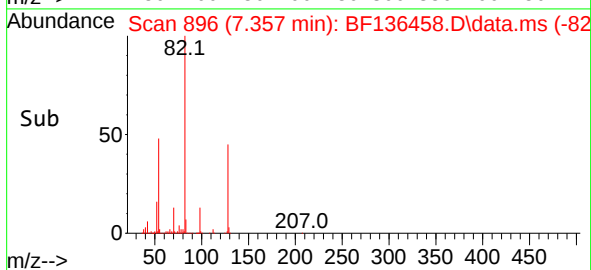
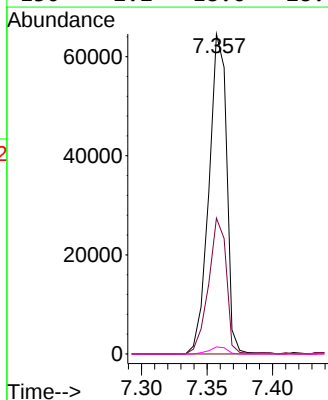
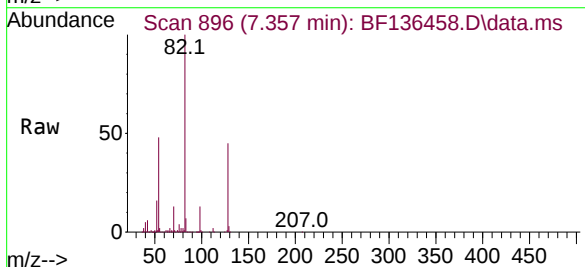
Instrument :
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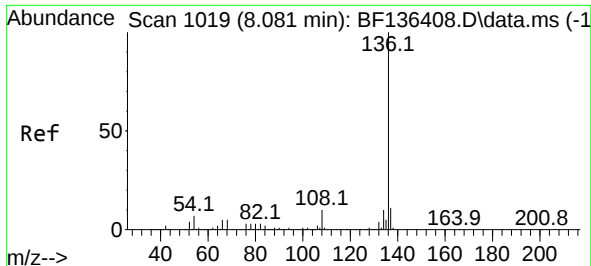
Tgt Ion: 99 Resp: 766813
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.4 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.535 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion: 70 Resp: 60860
Ion Ratio Lower Upper
70 100
42 42.4 41.4 62.0
101 0.0 8.2 12.4#
130 2.2 18.6 28.0#

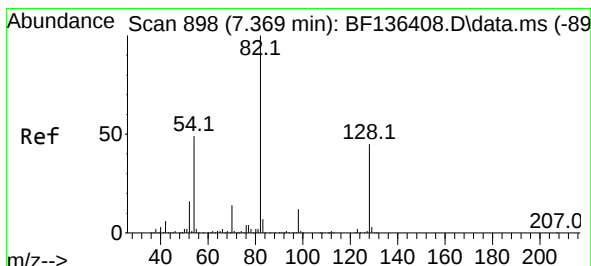
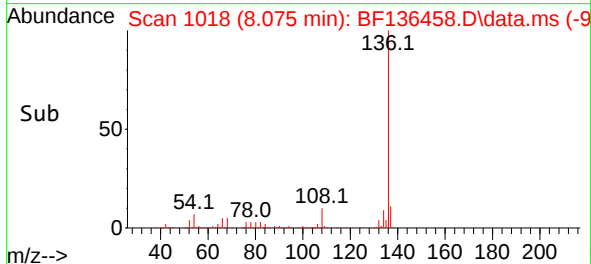
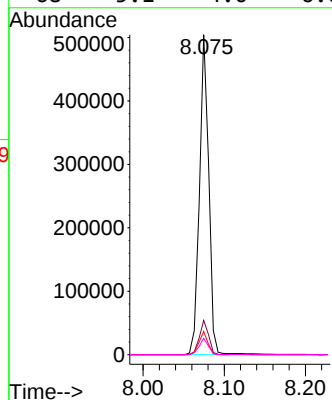
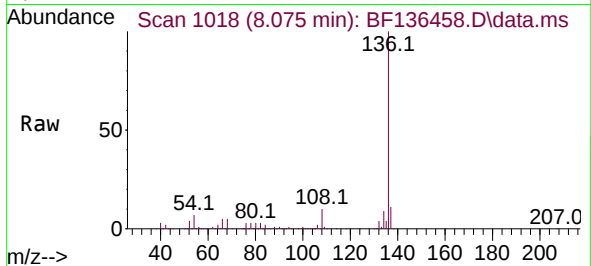




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

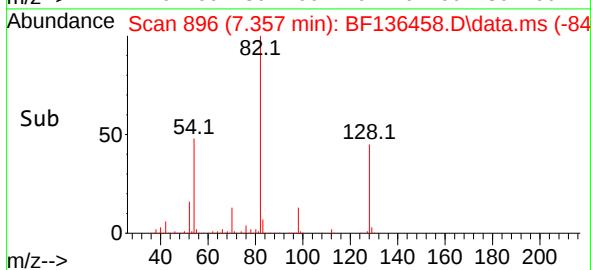
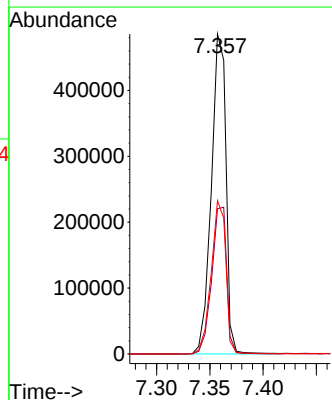
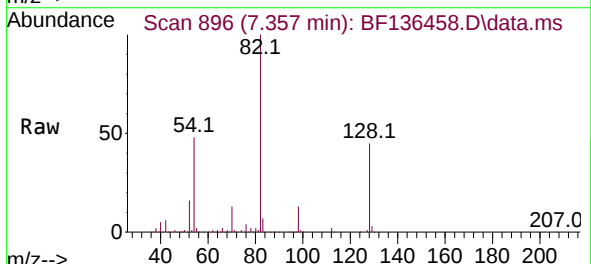
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ClientSampleId :
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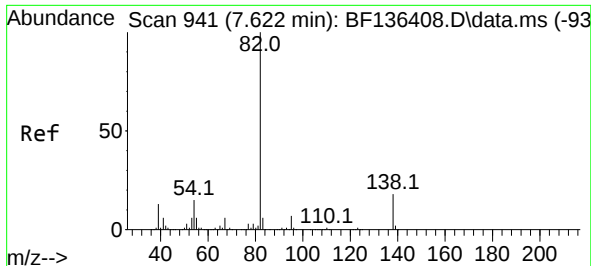
Tgt Ion:136 Resp: 403087
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.3 5.7 8.5
68 5.1 4.0 6.0



#23
Nitrobenzene-d5
Concen: 62.533 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion: 82 Resp: 466263
Ion Ratio Lower Upper
82 100
128 45.4 36.3 54.5
54 47.9 39.0 58.6

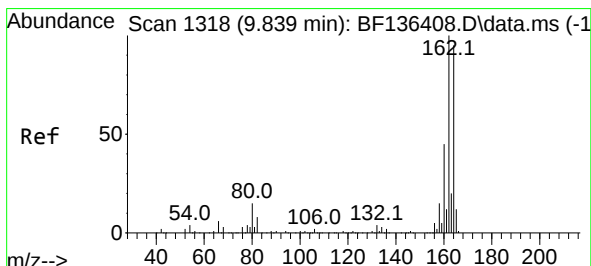
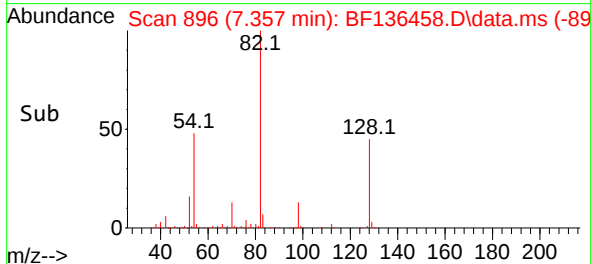
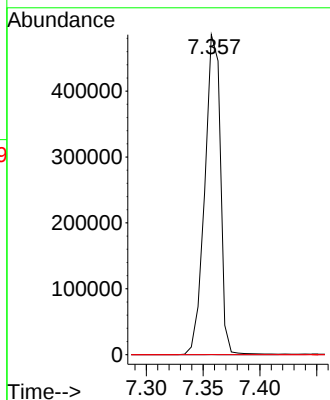
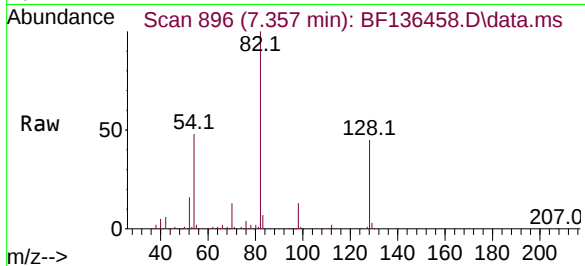




#25
Isophorone
Concen: 34.806 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

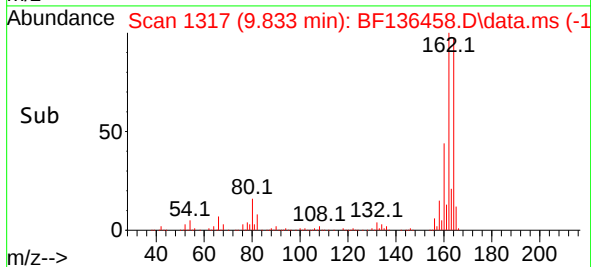
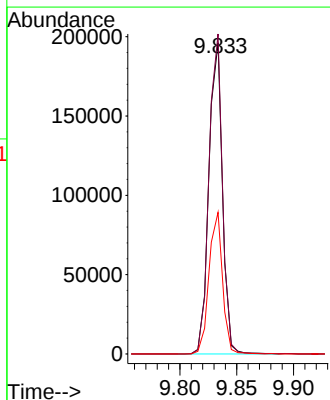
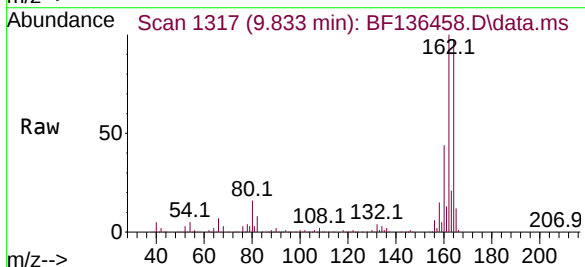
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ClientSampleId :
LKWD-BACKFILL-08

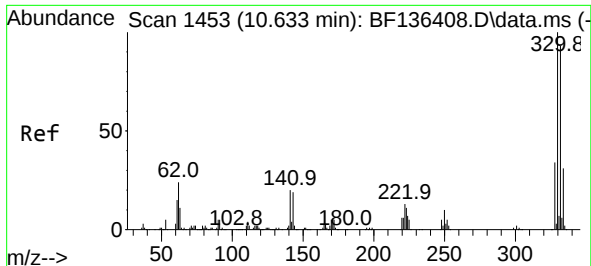
Tgt Ion: 82 Resp: 466257
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion:164 Resp: 162338
Ion Ratio Lower Upper
164 100
162 102.8 84.4 126.6
160 45.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 70.215 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136458.D

Acq: 07 Dec 2023 21:09

Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-08

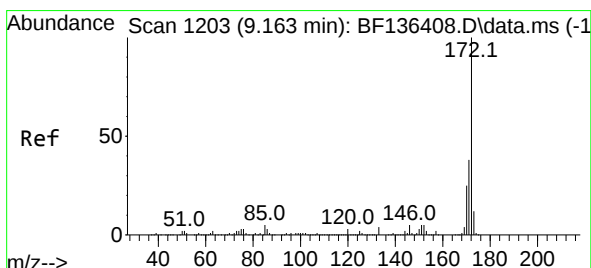
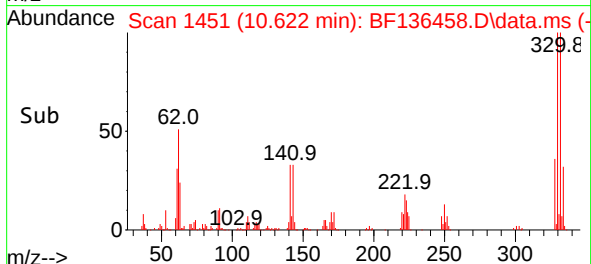
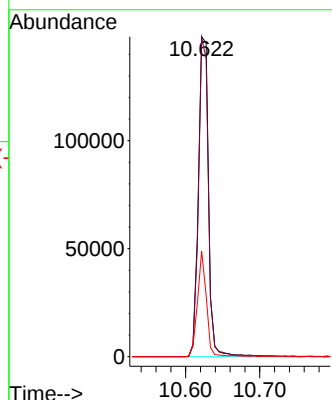
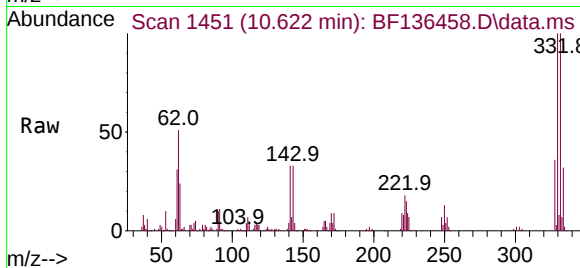
Tgt Ion:330 Resp: 140546

Ion Ratio Lower Upper

330 100

332 96.7 76.4 114.6

141 29.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 73.636 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136458.D

Acq: 07 Dec 2023 21:09

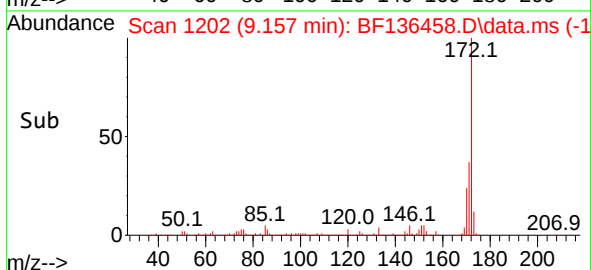
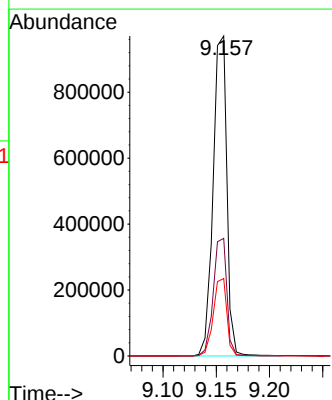
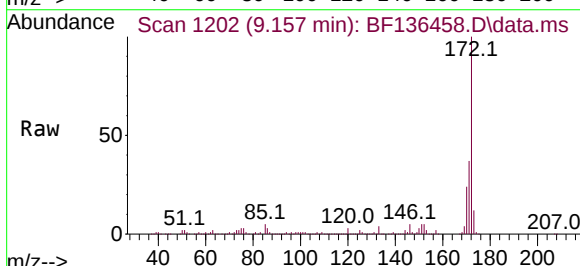
Tgt Ion:172 Resp: 876065

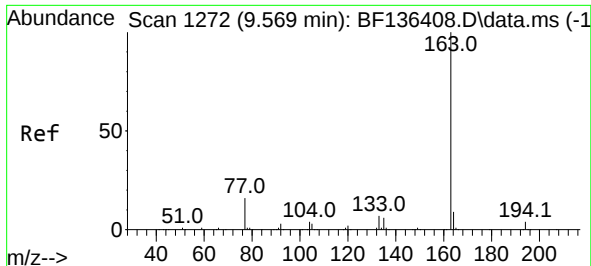
Ion Ratio Lower Upper

172 100

171 36.8 30.5 45.7

170 24.2 19.9 29.9

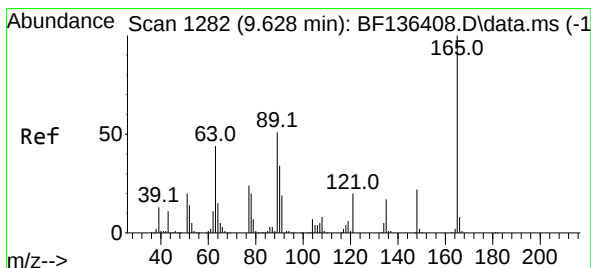
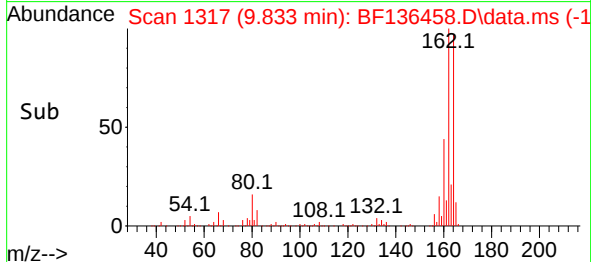
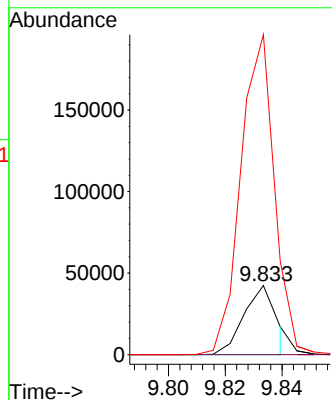
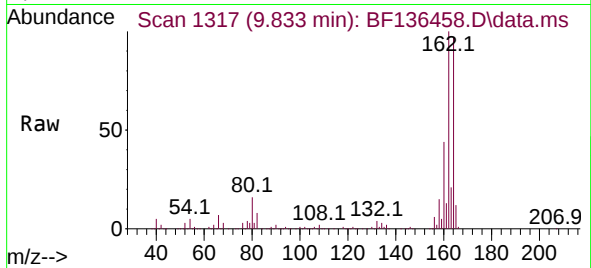




#50
Dimethylphthalate
Concen: 2.803 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

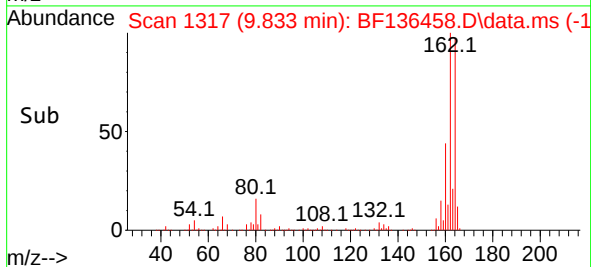
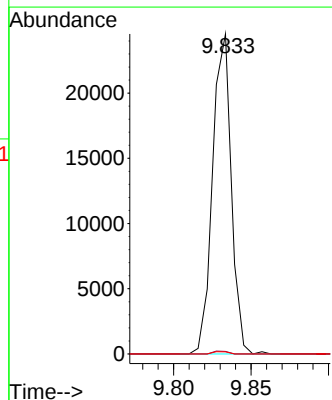
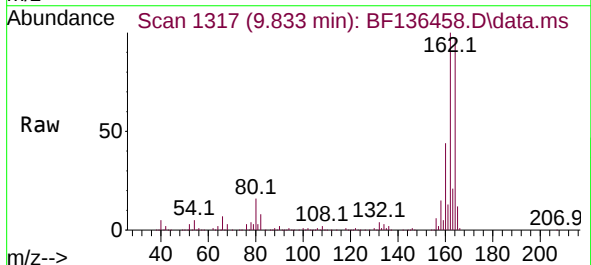
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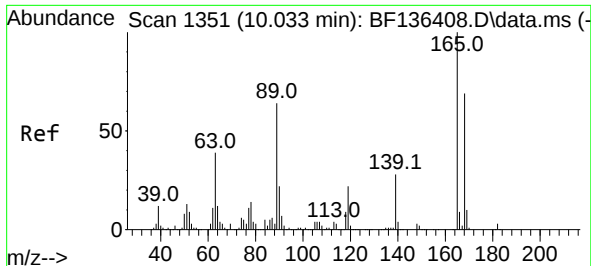
Tgt Ion:163 Resp: 33498
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 462.8 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.657 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion:165 Resp: 20589
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 0.6 40.6 60.8#

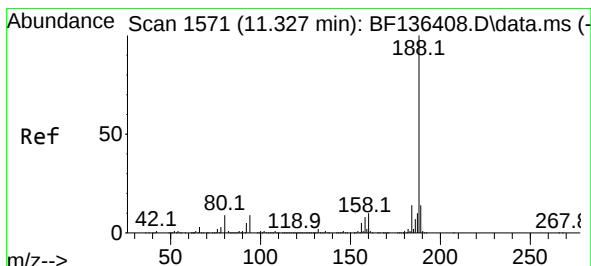
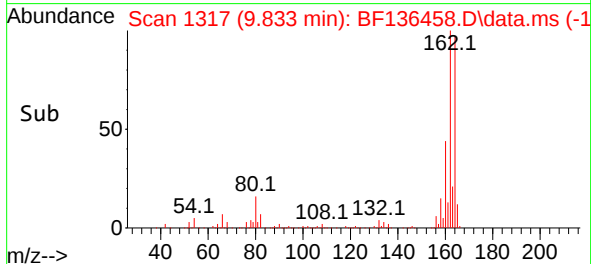
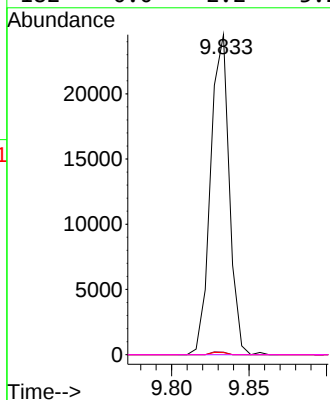
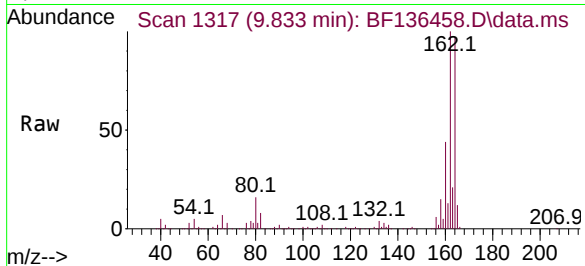




#57
2,4-Dinitrotoluene
Concen: 5.788 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

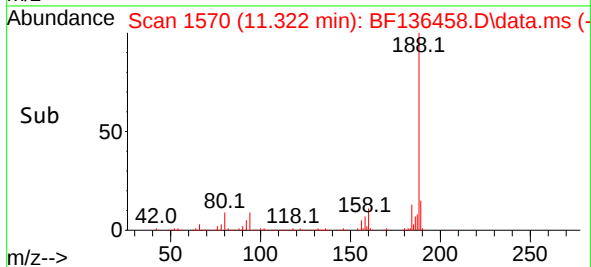
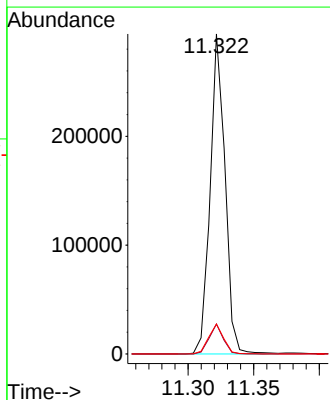
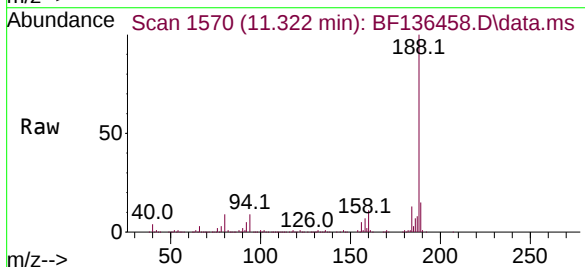
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08

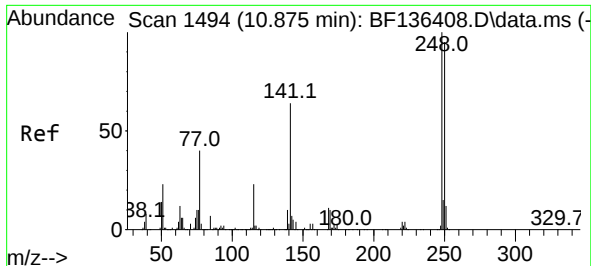
Tgt Ion:	165	Resp:	20589
Ion Ratio	Lower	Upper	
165	100		
63	0.8	31.4	47.2#
89	0.6	51.7	77.5#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion:	188	Resp:	231913
Ion Ratio	Lower	Upper	
188	100		
94	9.3	7.2	10.8
80	9.3	7.2	10.8

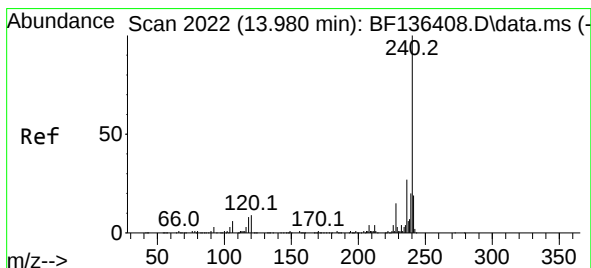
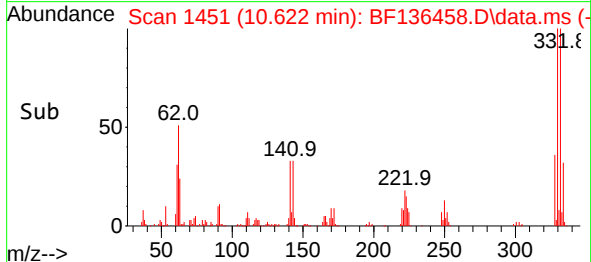
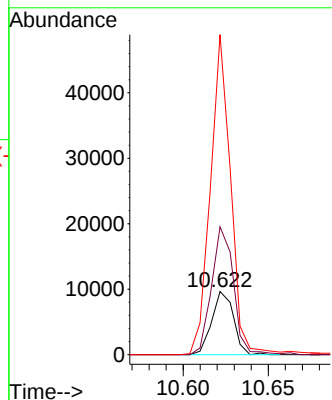
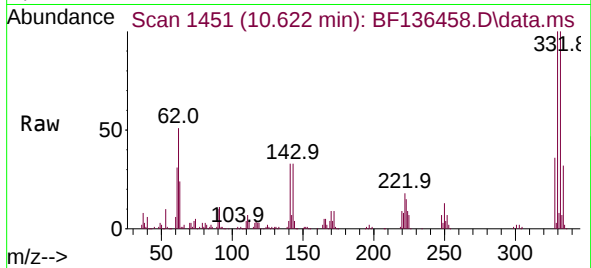




#67
4-Bromophenyl-phenylether
Concen: 3.165 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

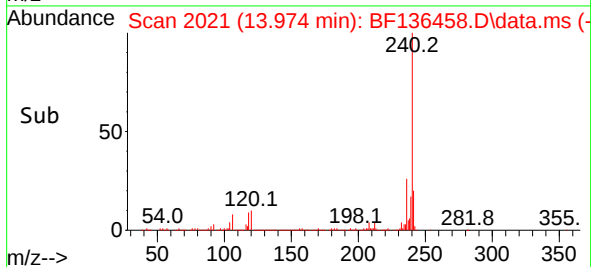
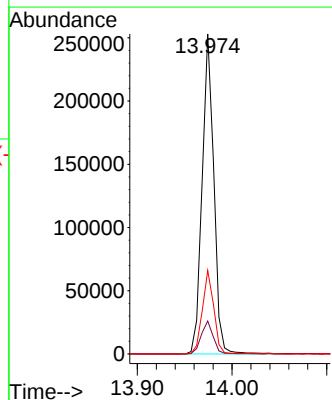
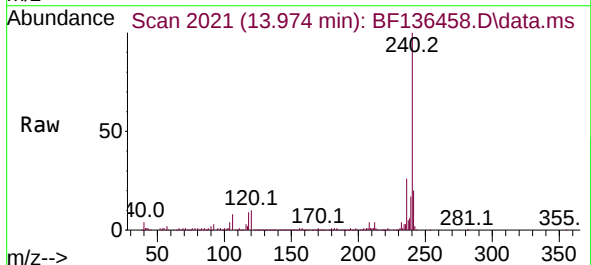
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-08

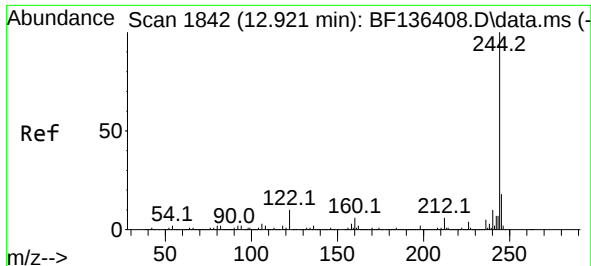
Tgt Ion:248 Resp: 8534
Ion Ratio Lower Upper
248 100
250 202.4 76.2 114.2#
141 506.8 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136458.D
Acq: 07 Dec 2023 21:09

Tgt Ion:240 Resp: 217895
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 26.1 21.3 31.9

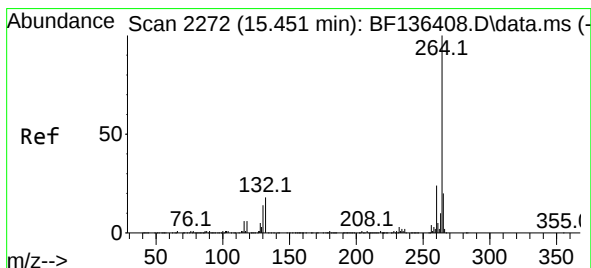
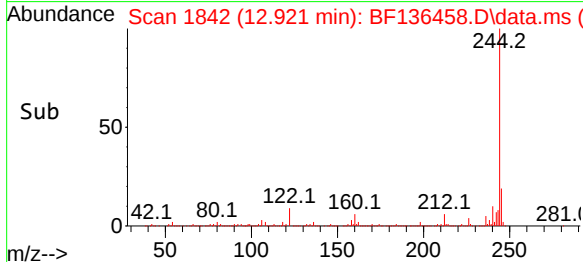
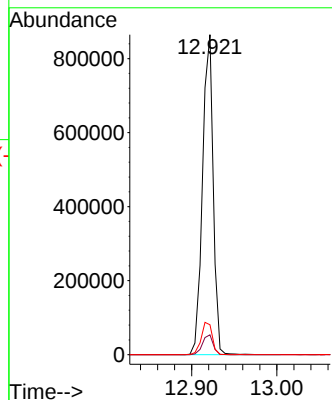
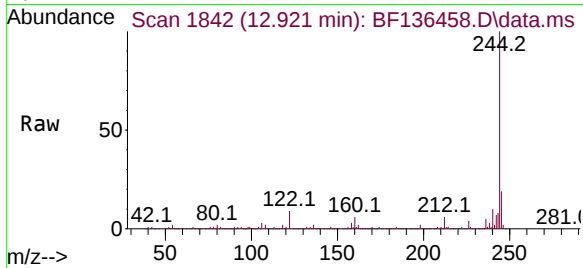




#79
 Terphenyl-d14
 Concen: 45.543 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136458.D
 Acq: 07 Dec 2023 21:09

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-08

Tgt Ion:244 Resp: 752901
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.006 min
 Lab File: BF136458.D
 Acq: 07 Dec 2023 21:09

Tgt Ion:264 Resp: 194504
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.9 15.9 23.9

