

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136456.D
 Acq On : 07 Dec 2023 20:05
 Operator : CG\JU
 Sample : 05599-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-06

Quant Time: Dec 08 00:42:41 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)

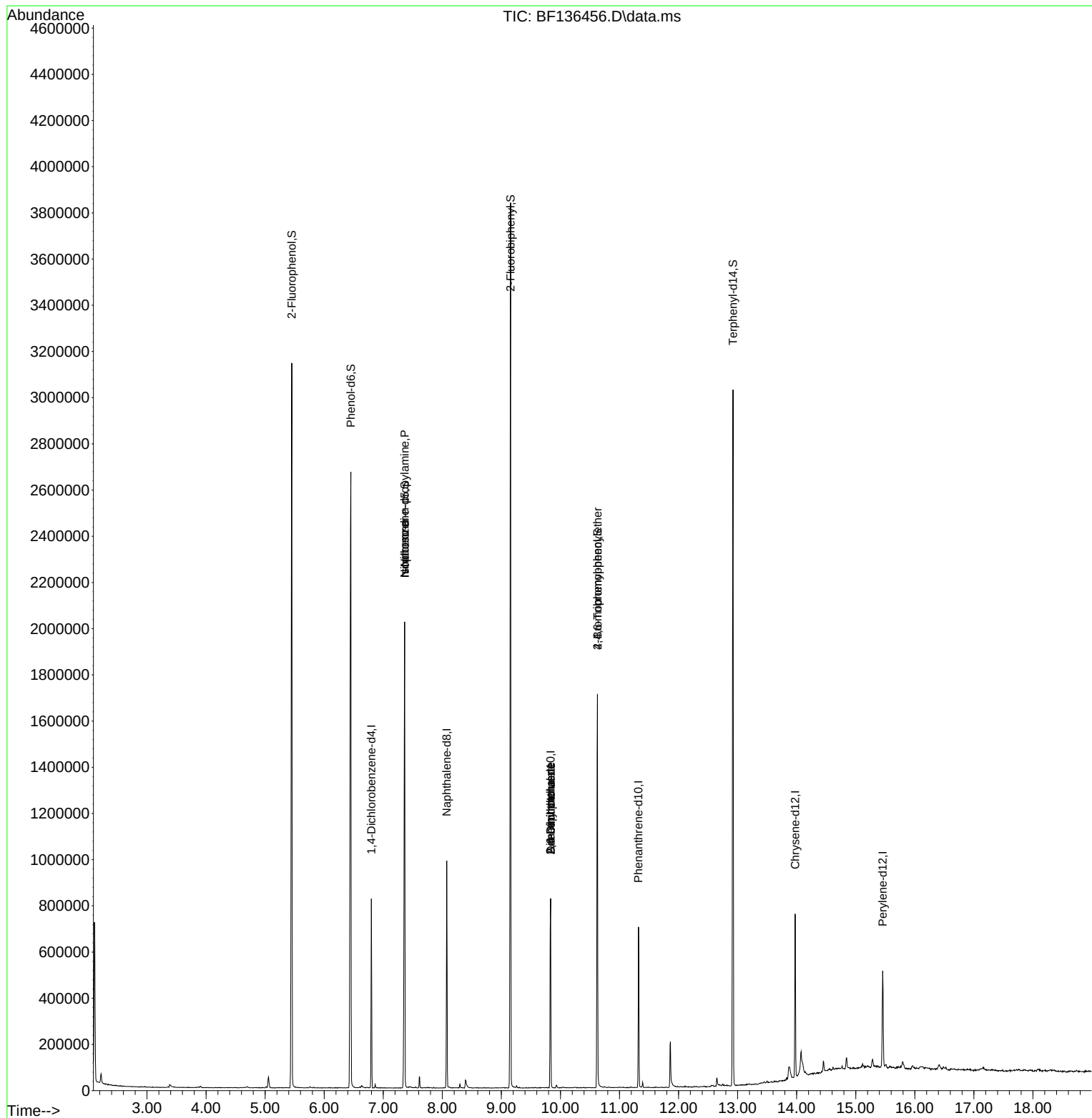
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	107056	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	400217	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	161648	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	245377	20.000	ng	0.00
76) Chrysene-d12	13.974	240	222267	20.000	ng	0.00
86) Perylene-d12	15.457	264	196162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	938728	129.497	ng	0.02
7) Phenol-d6	6.451	99	1146400	126.754	ng	0.00
23) Nitrobenzene-d5	7.363	82	685678	92.620	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	220464	110.612	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1136880	95.966	ng	0.00
79) Terphenyl-d14	12.922	244	1025507	60.813	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	1786	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	88803	17.021	ng	# 76
25) Isophorone	7.363	82	685670	51.552	ng	# 65
50) Dimethylphthalate	9.833	163	33652	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	20216	7.551	ng	# 29
57) 2,4-Dinitrotoluene	9.833	165	20216	5.708	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	12913	4.526	ng	# 1

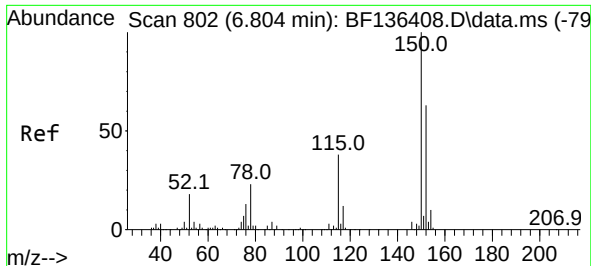
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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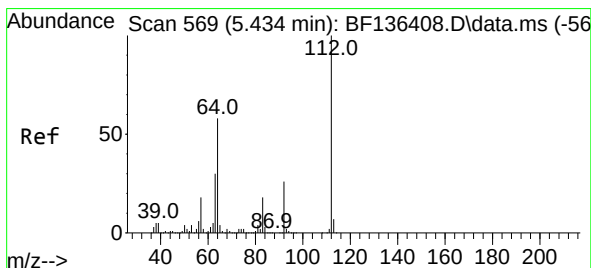
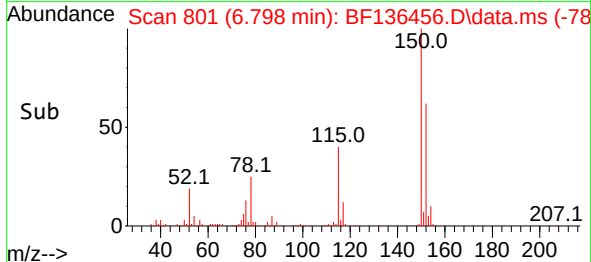
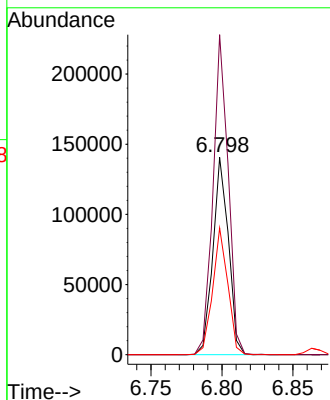
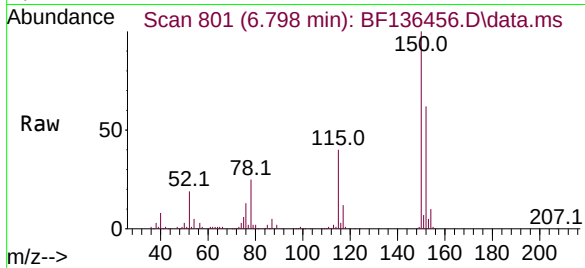




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

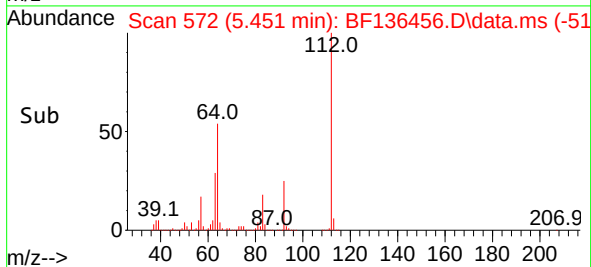
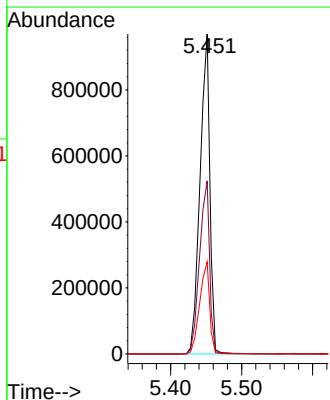
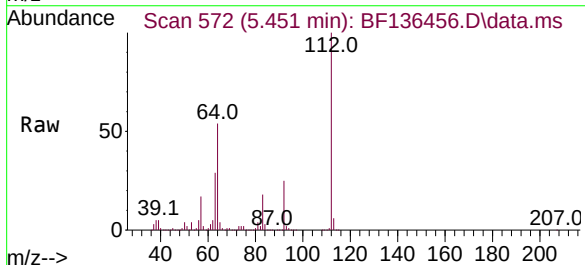
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

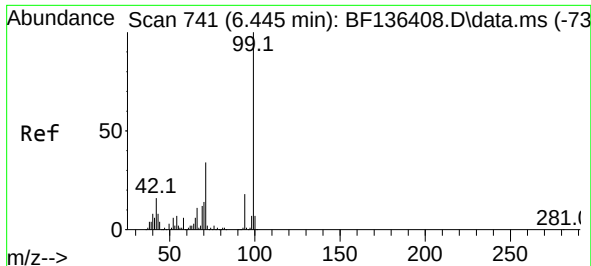
Tgt Ion:152 Resp: 107056
Ion Ratio Lower Upper
152 100
150 162.1 126.4 189.6
115 64.2 48.2 72.4



#5
2-Fluorophenol
Concen: 129.497 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

Tgt Ion:112 Resp: 938728
Ion Ratio Lower Upper
112 100
64 54.1 46.5 69.7
63 28.8 23.9 35.9

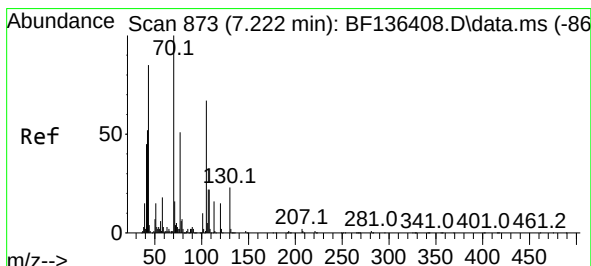
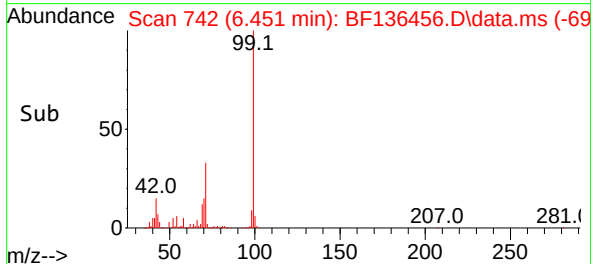
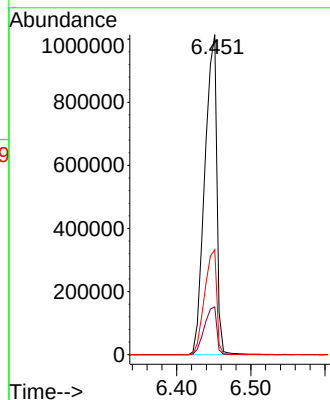
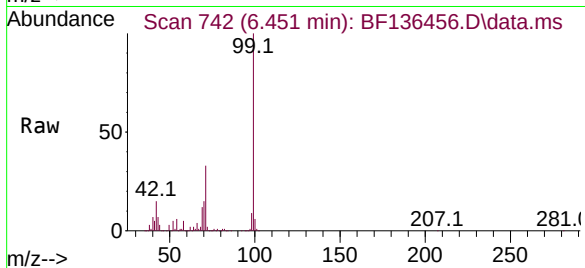




#7
Phenol-d6
Concen: 126.754 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

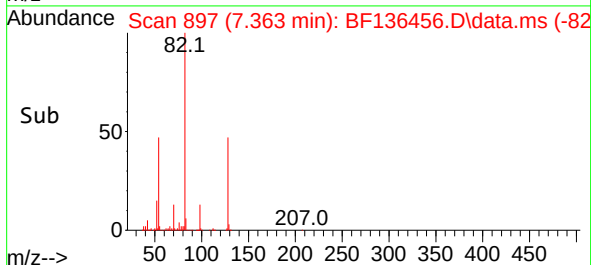
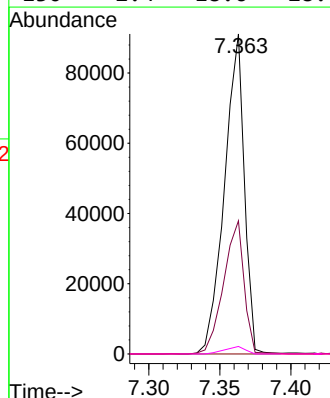
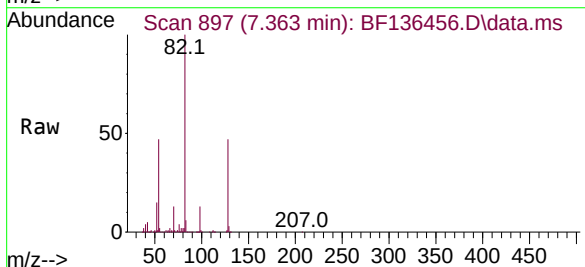
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

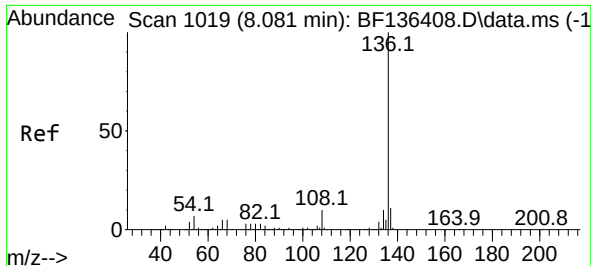
Tgt Ion: 99 Resp: 1146400
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.8 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.021 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

Tgt Ion: 70 Resp: 88803
Ion Ratio Lower Upper
70 100
42 41.6 41.4 62.0
101 0.0 8.2 12.4#
130 2.4 18.6 28.0#

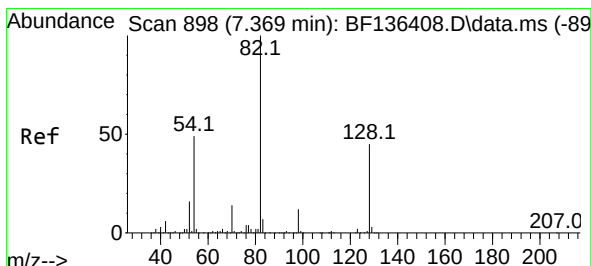
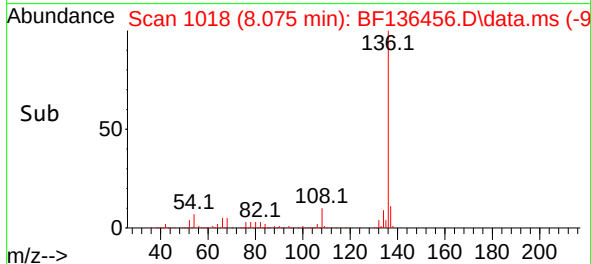
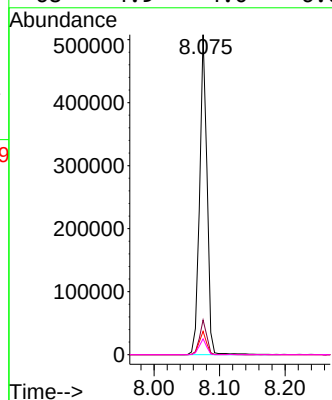
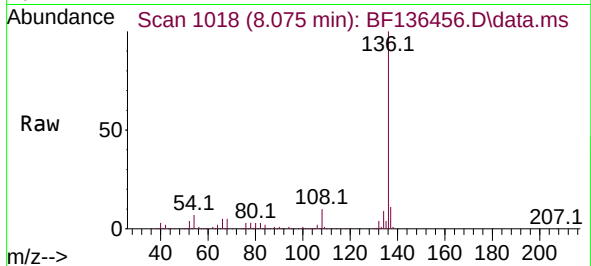




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

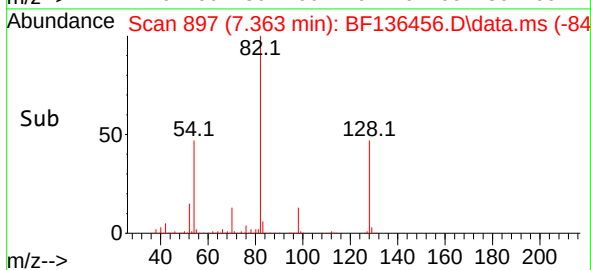
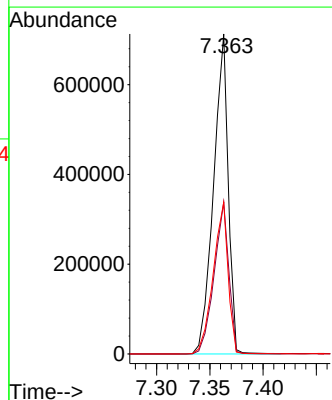
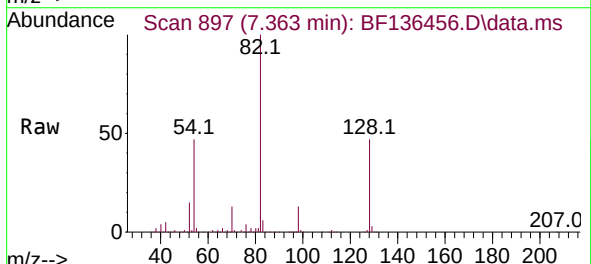
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

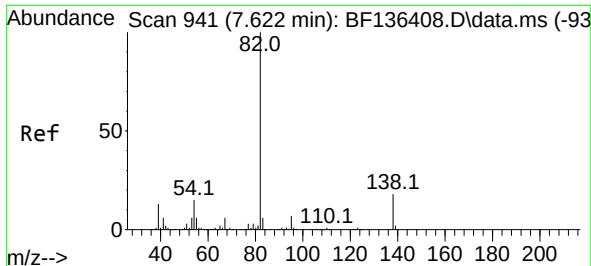
Tgt Ion:136 Resp: 400217
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.3 5.7 8.5
68 4.9 4.0 6.0



#23
Nitrobenzene-d5
Concen: 92.620 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

Tgt Ion: 82 Resp: 685678
Ion Ratio Lower Upper
82 100
128 47.4 36.3 54.5
54 47.4 39.0 58.6

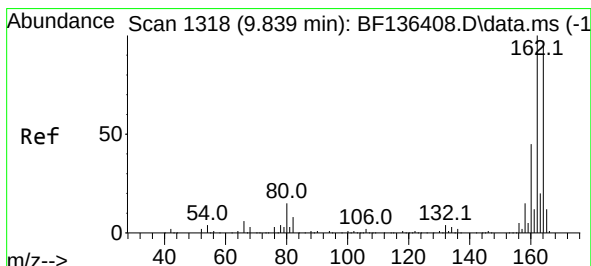
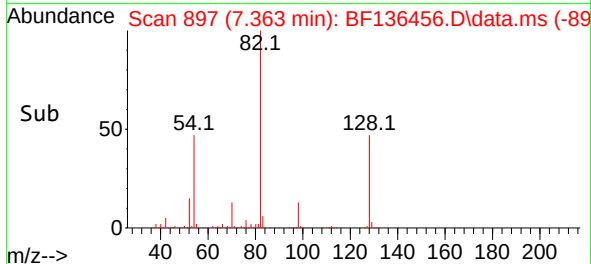
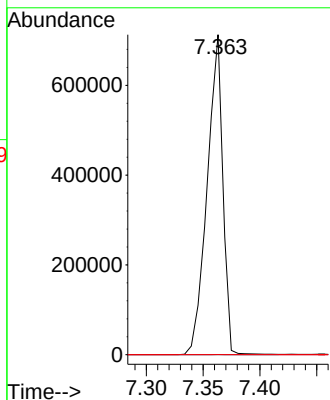
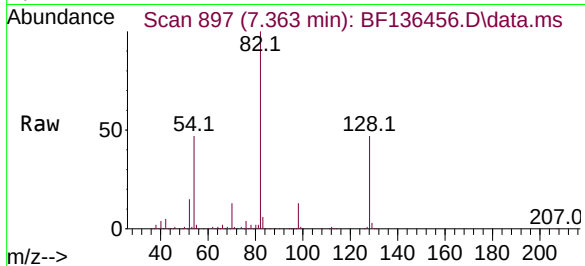




#25
Isophorone
Concen: 51.552 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.259 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

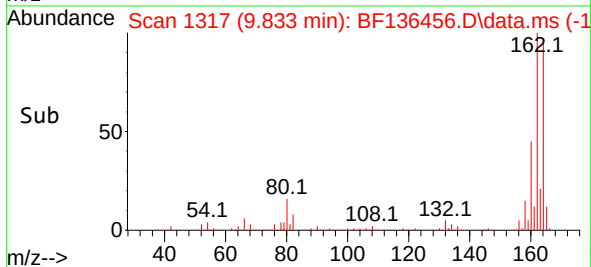
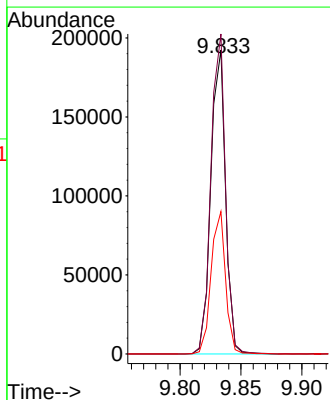
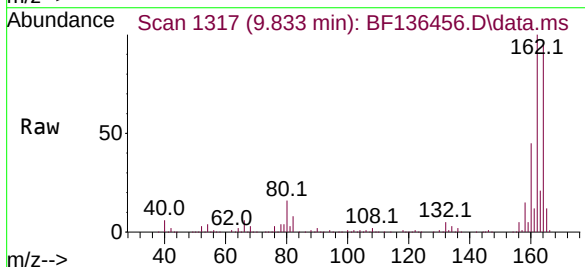
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BNA_F
ClientSampleId :
LKWD-BACKFILL-06

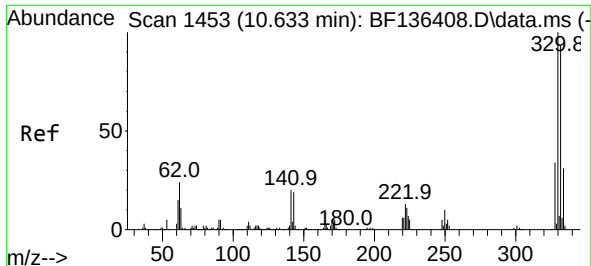
Tgt Ion: 82 Resp: 685670
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

Tgt Ion:164 Resp: 161648
Ion Ratio Lower Upper
164 100
162 105.3 84.4 126.6
160 46.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 110.612 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.006 min

Lab File: BF136456.D

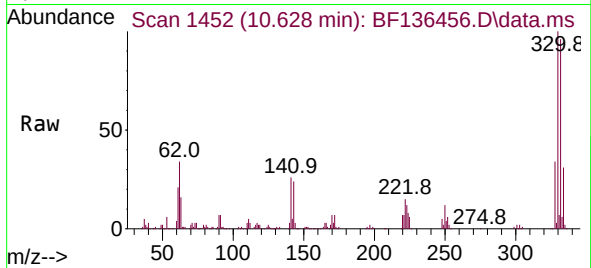
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Instrument :

BNA_F

ClientSampleId :

LKWD-BACKFILL-06



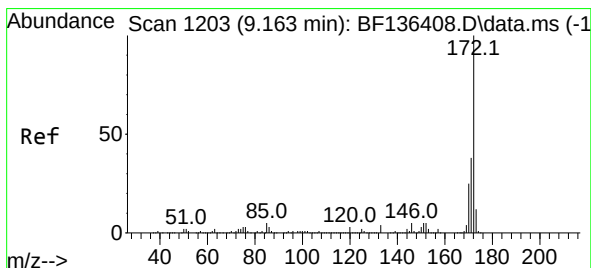
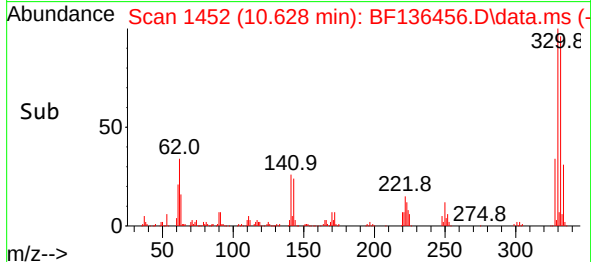
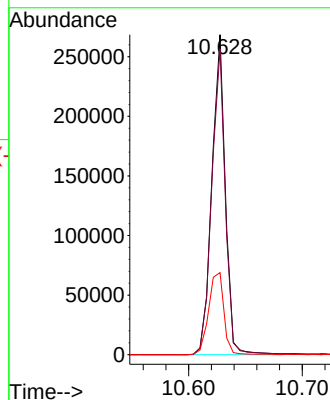
Tgt Ion:330 Resp: 220464

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 95.966 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF136456.D

Acq: 07 Dec 2023 20:05

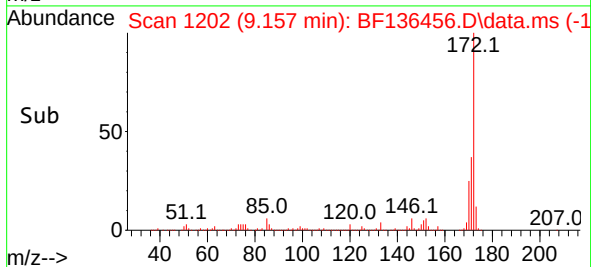
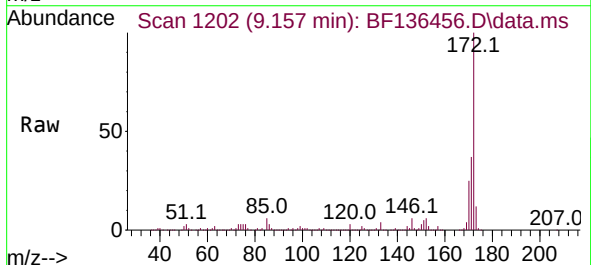
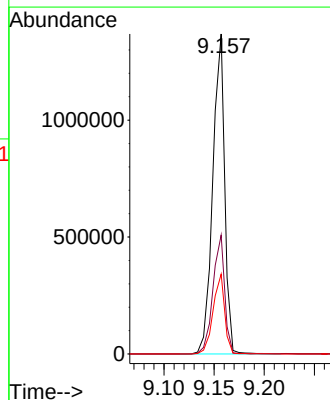
Tgt Ion:172 Resp: 1136880

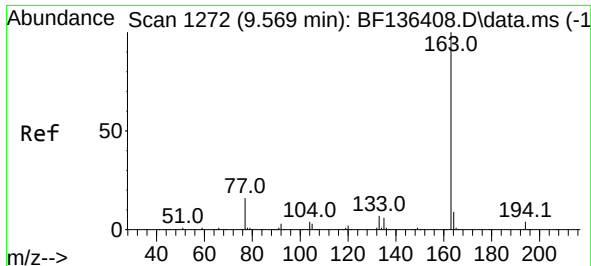
Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

170 25.0 19.9 29.9

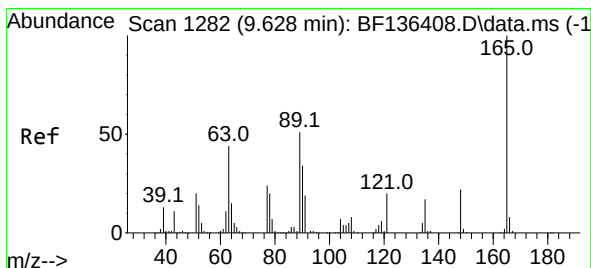
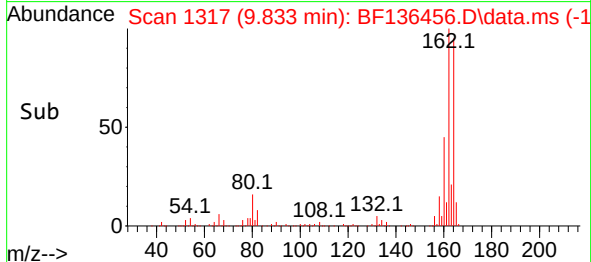
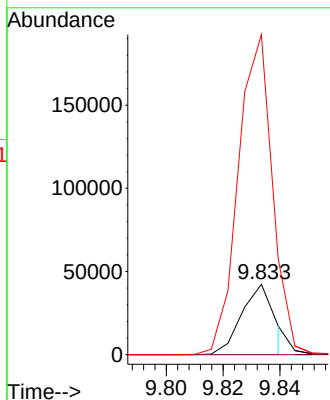
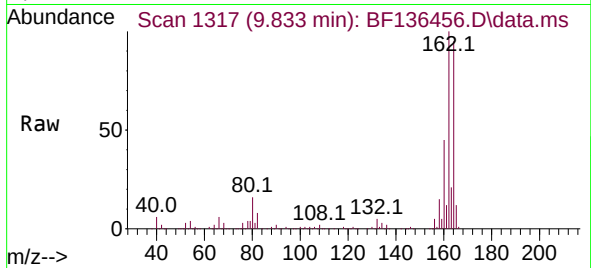




#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

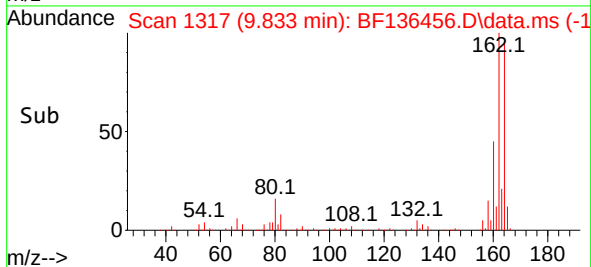
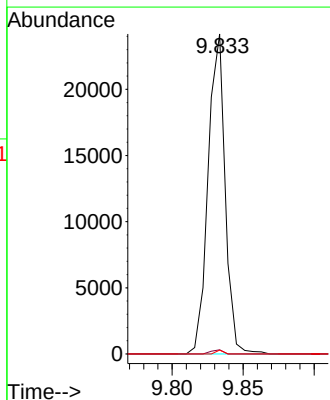
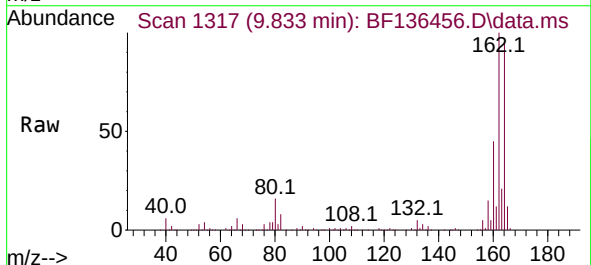
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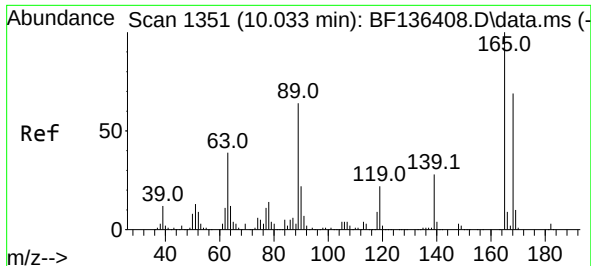
Tgt Ion:163 Resp: 33652
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 454.8 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.551 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

Tgt Ion:165 Resp: 20216
Ion Ratio Lower Upper
165 100
63 1.3 40.4 60.6#
89 1.2 40.6 60.8#

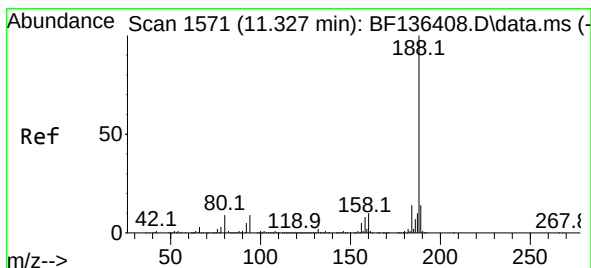
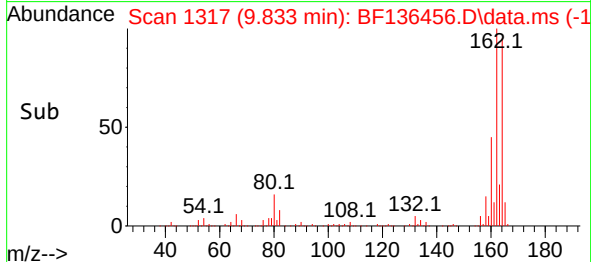
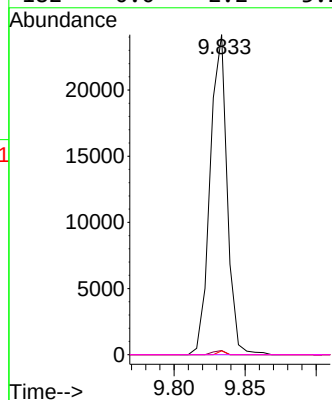
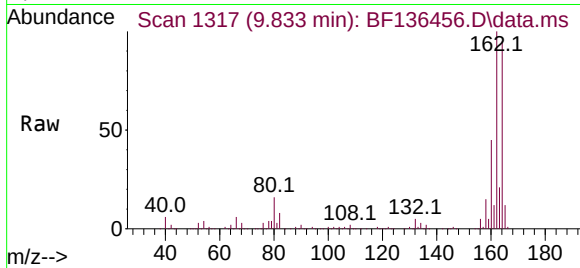




#57
2,4-Dinitrotoluene
Concen: 5.708 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

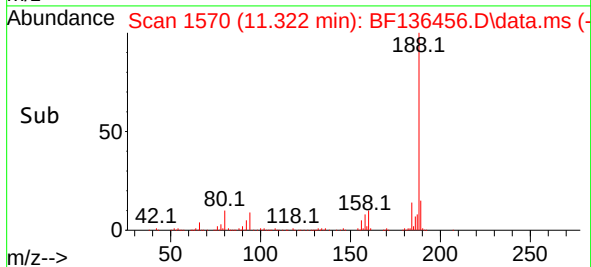
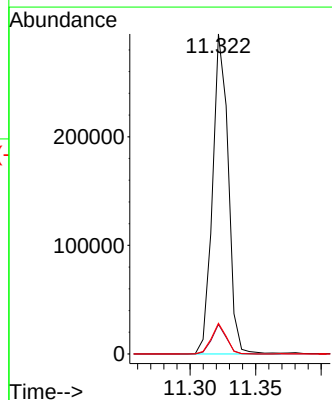
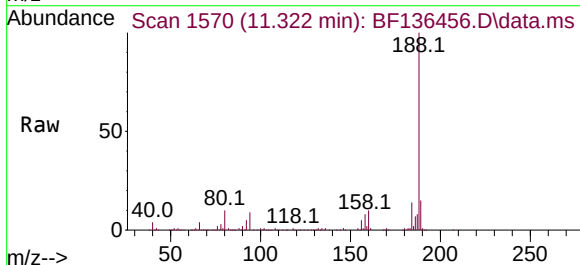
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

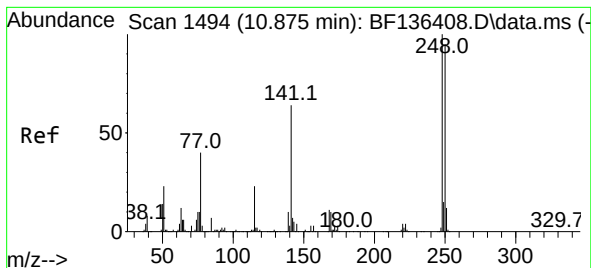
Tgt Ion:165	Resp:	20216
Ion Ratio	Lower	Upper
165	100	
63	1.3	31.4 47.2#
89	1.2	51.7 77.5#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

Tgt Ion:188	Resp:	245377
Ion Ratio	Lower	Upper
188	100	
94	9.3	7.2 10.8
80	9.6	7.2 10.8

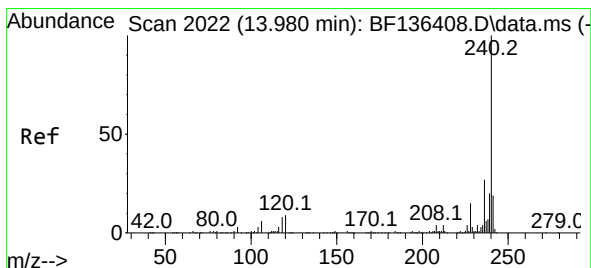
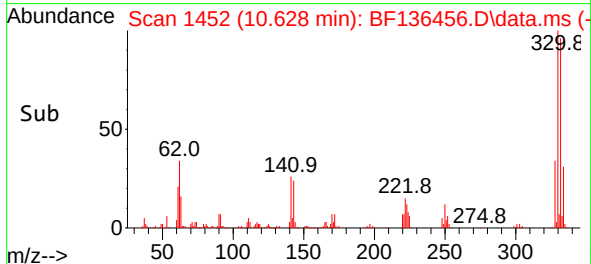
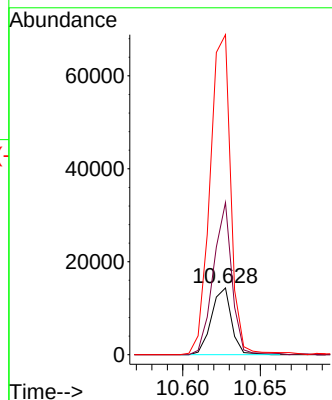
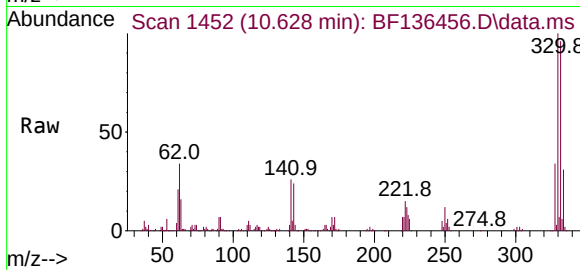




#67
4-Bromophenyl-phenylether
Concen: 4.526 ng
RT: 10.628 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

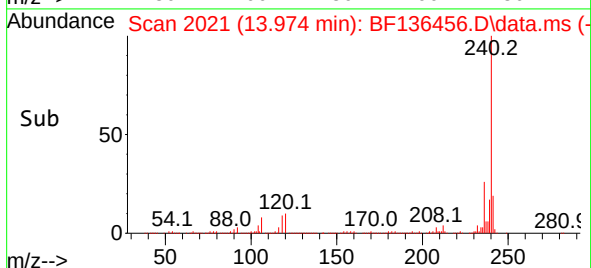
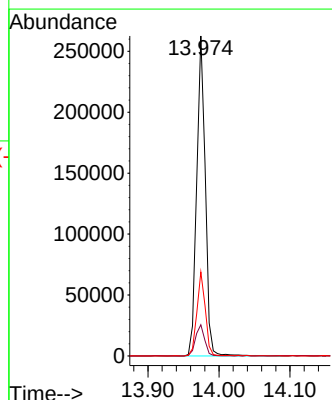
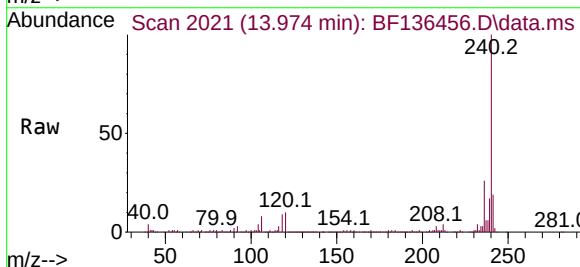
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-06

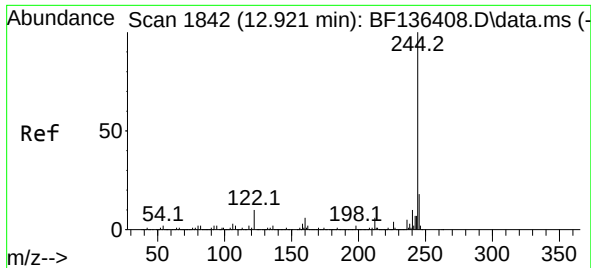
Tgt Ion:248 Resp: 12913
Ion Ratio Lower Upper
248 100
250 228.2 76.2 114.2#
141 480.1 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136456.D
Acq: 07 Dec 2023 20:05

Tgt Ion:240 Resp: 222267
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.3 21.3 31.9

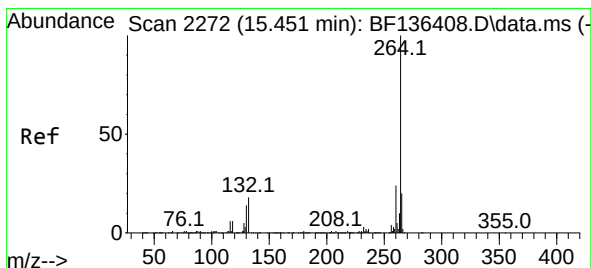
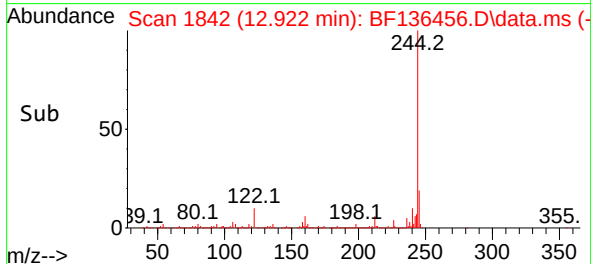
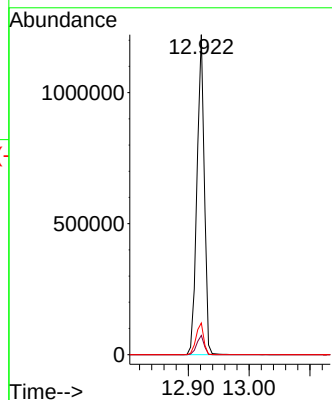
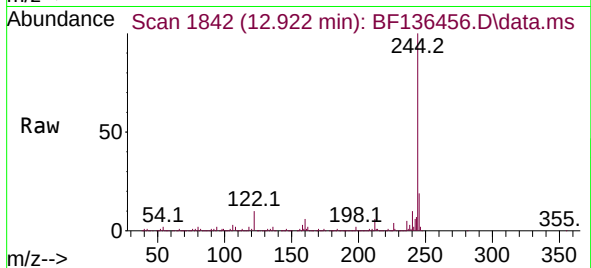




#79
 Terphenyl-d14
 Concen: 60.813 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF136456.D
 Acq: 07 Dec 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-06

Tgt Ion:244 Resp: 1025507
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.9 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: BF136456.D
 Acq: 07 Dec 2023 20:05

Tgt Ion:264 Resp: 196162
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.7 15.9 23.9

