

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136482.D
 Acq On : 08 Dec 2023 22:57
 Operator : CG\JU
 Sample : 05599-13RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-07RE

Quant Time: Dec 11 02:14:30 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)

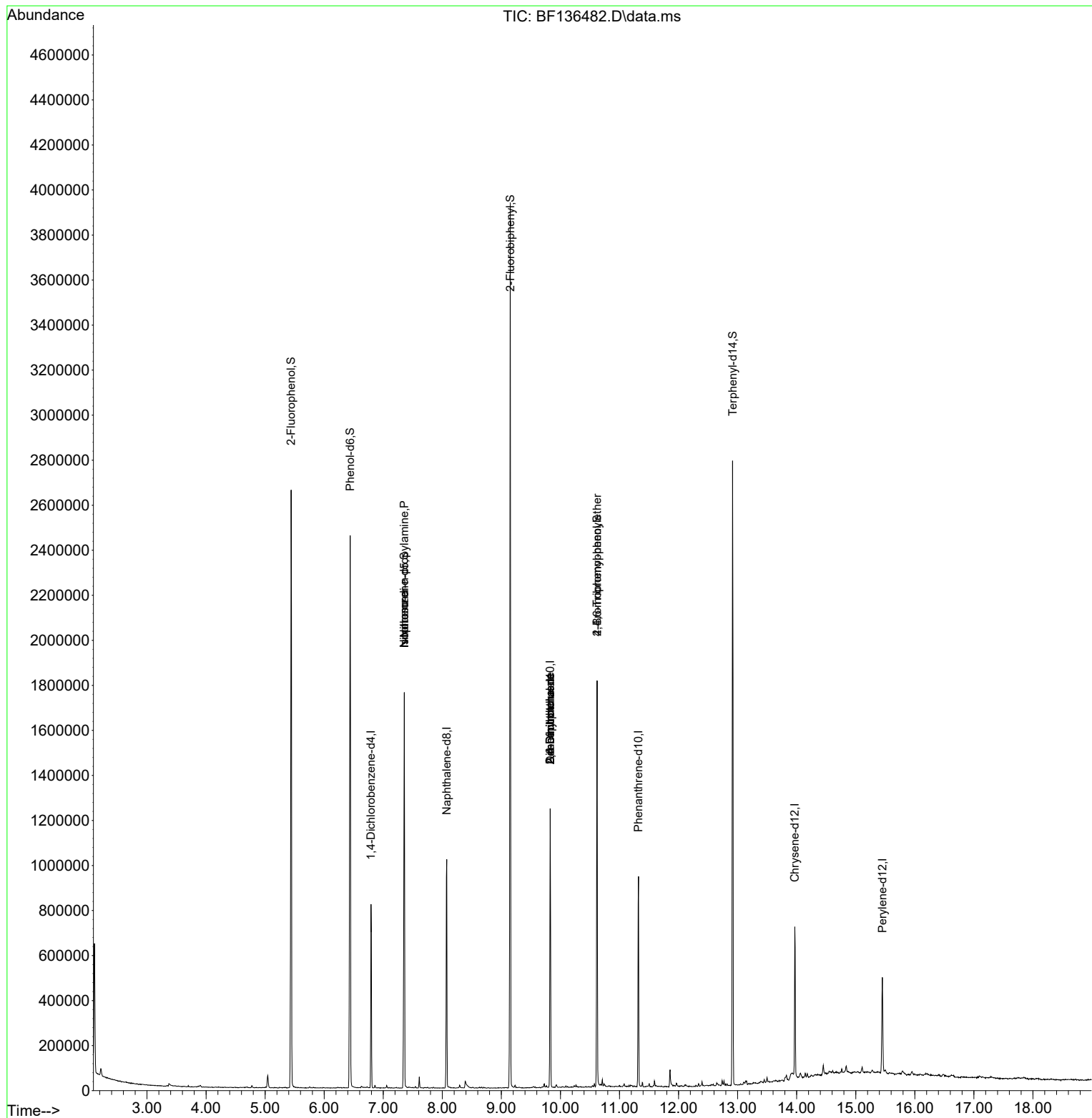
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	120530	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	477533	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	227510	20.000	ng	-0.01
64) Phenanthrene-d10	11.322	188	348136	20.000	ng	0.00
76) Chrysene-d12	13.968	240	224154	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	200273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	793000	97.164	ng	0.00
7) Phenol-d6	6.439	99	984472	96.682	ng	0.00
23) Nitrobenzene-d5	7.357	82	590943	66.899	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	219935	78.402	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1157078	69.396	ng	-0.01
79) Terphenyl-d14	12.916	244	946809	55.673	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	1284	Below Cal	#	19
19) n-Nitroso-di-n-propyla...	7.357	70	76692	13.056	ng	# 76
25) Isophorone	7.357	82	587017	36.989	ng	# 65
50) Dimethylphthalate	9.828	163	43943	2.623	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	28203	7.484	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	28203	5.658	ng	# 27
67) 4-Bromophenyl-phenylether	10.622	248	13809	3.412	ng	# 1

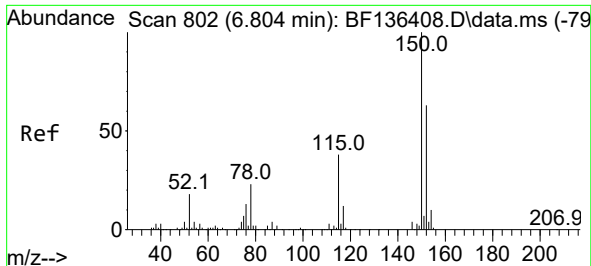
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
Data File : BF136482.D
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LKWD-BACKFILL-07RE

Quant Time: Dec 11 02:14:30 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

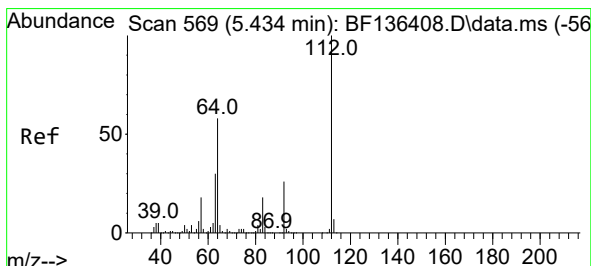
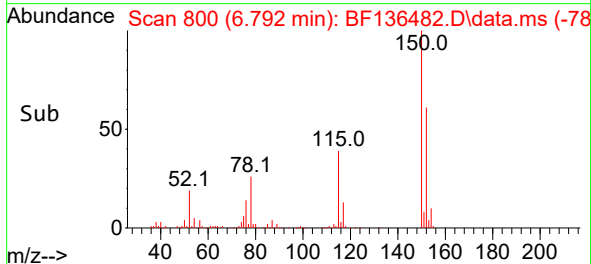
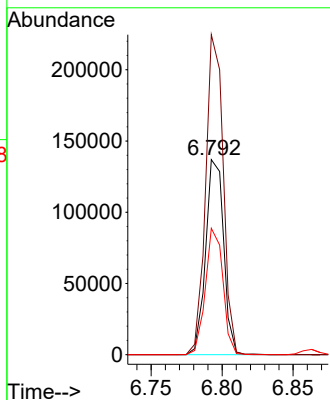
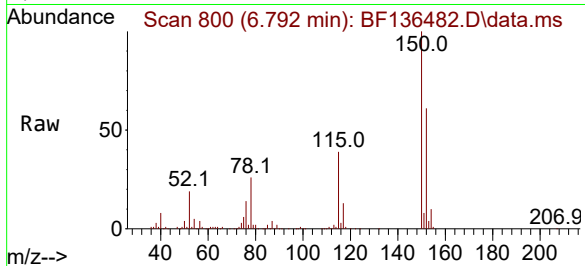




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 802
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

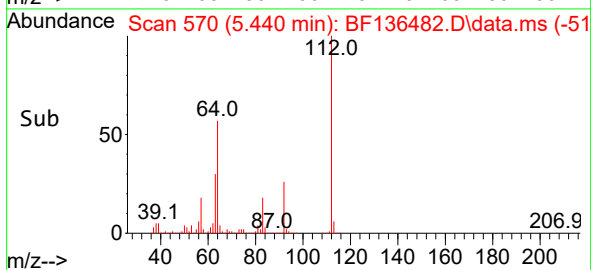
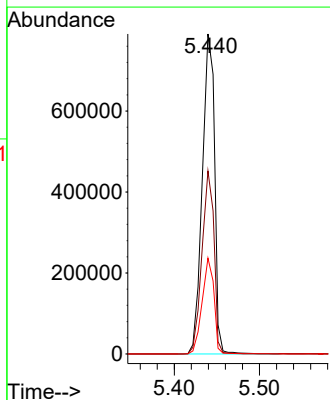
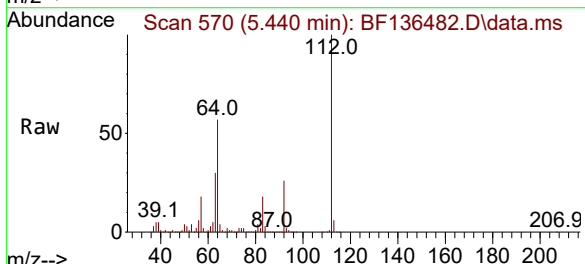
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE

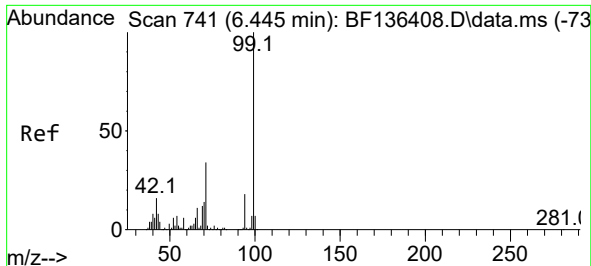
Tgt Ion:152 Resp: 120530
Ion Ratio Lower Upper
152 100
150 164.0 126.4 189.6
115 64.8 48.2 72.4



#5
2-Fluorophenol
Concen: 97.164 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Tgt Ion:112 Resp: 793000
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 30.0 23.9 35.9

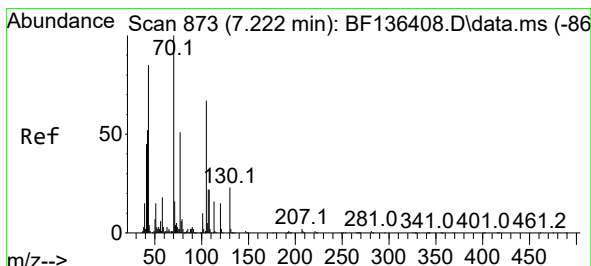
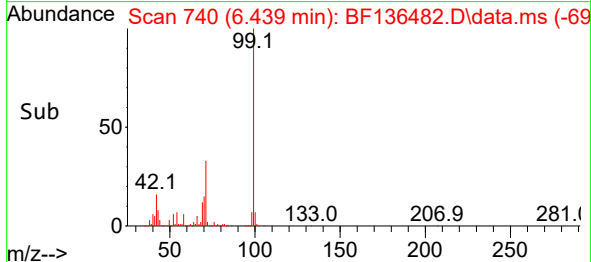
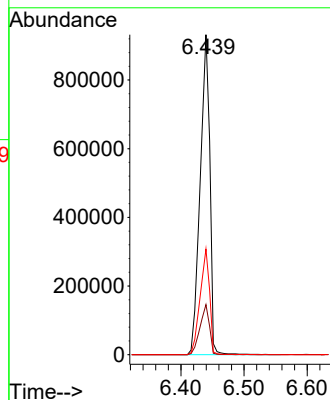
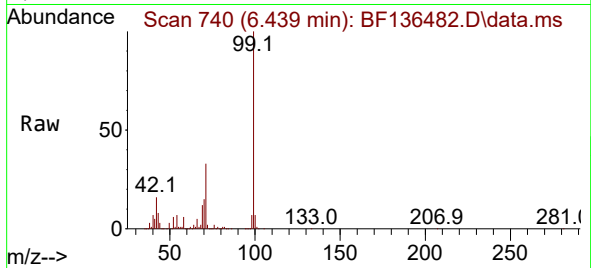




#7
Phenol-d6
Concen: 96.682 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

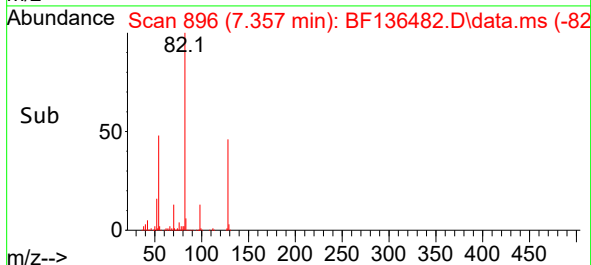
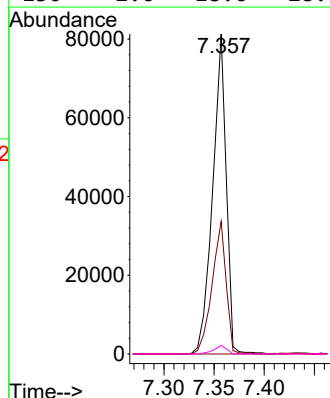
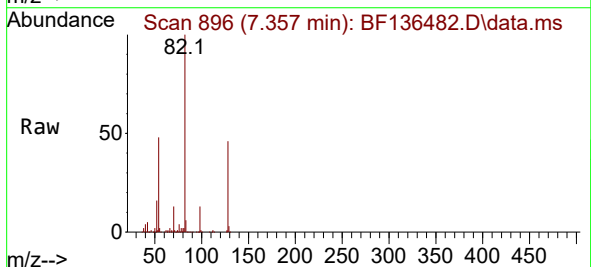
Instrument :
BNA_F
ClientSampleId :
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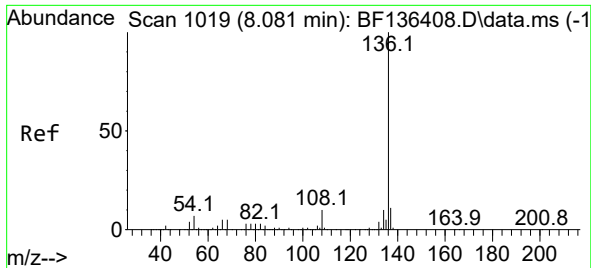
Tgt Ion: 99 Resp: 984472
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.0 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.056 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Tgt Ion: 70 Resp: 76692
Ion Ratio Lower Upper
70 100
42 41.5 41.4 62.0
101 0.0 8.2 12.4#
130 2.6 18.6 28.0#



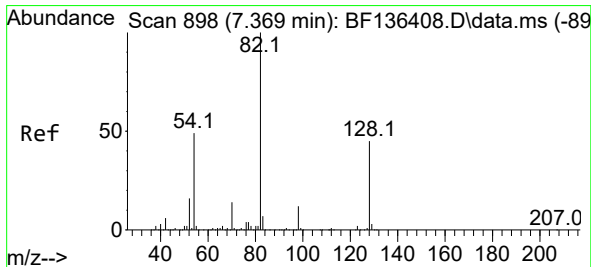
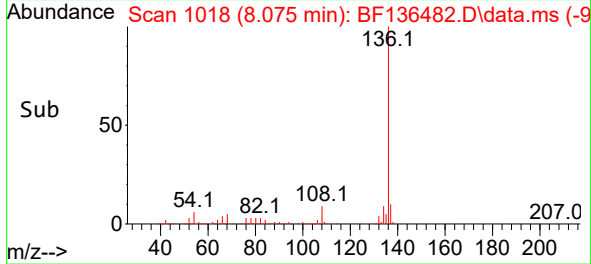
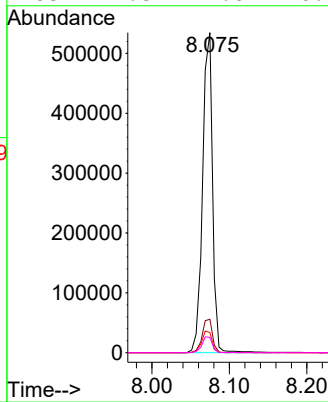
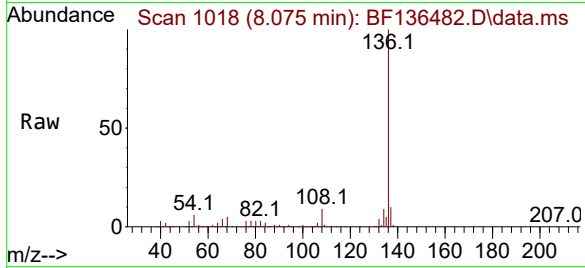


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE

Tgt Ion:136 Resp: 477533

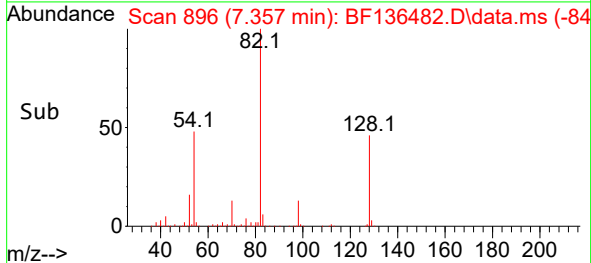
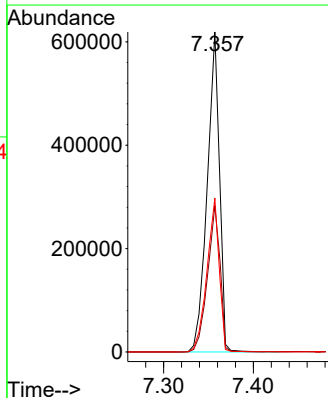
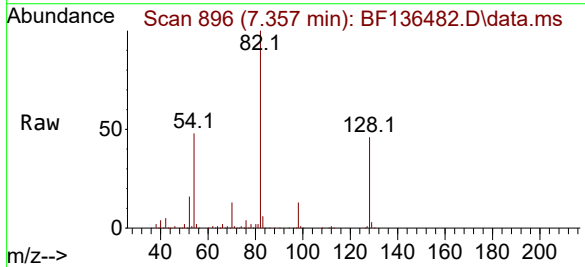
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	6.3	5.7	8.5
68	4.8	4.0	6.0

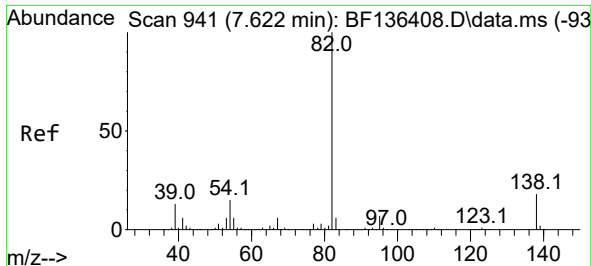


#23
Nitrobenzene-d5
Concen: 66.899 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Tgt Ion: 82 Resp: 590943

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	48.1	39.0	58.6

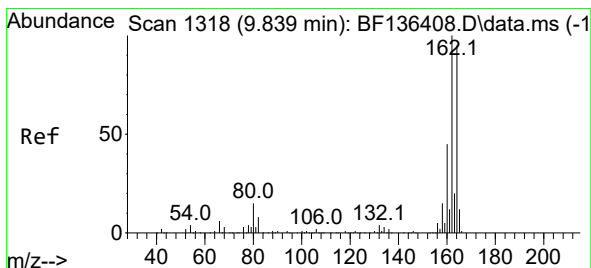
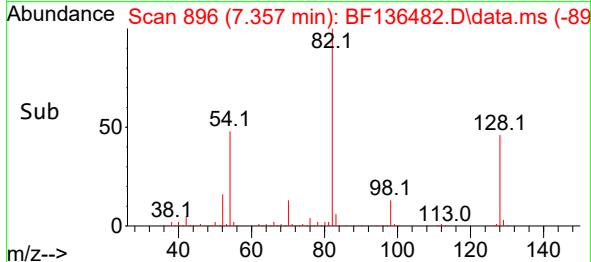
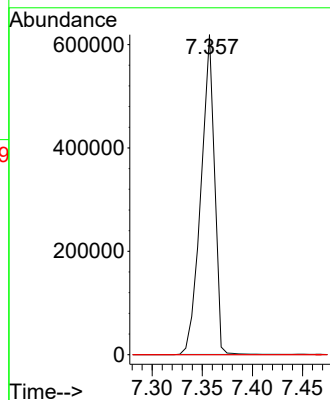
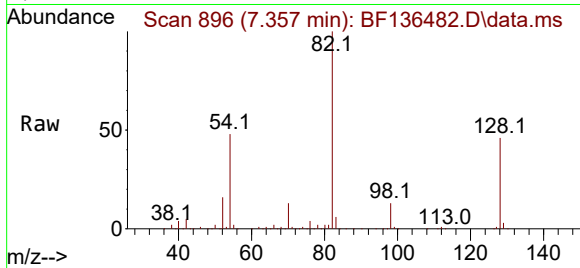




#25
Isophorone
Concen: 36.989 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

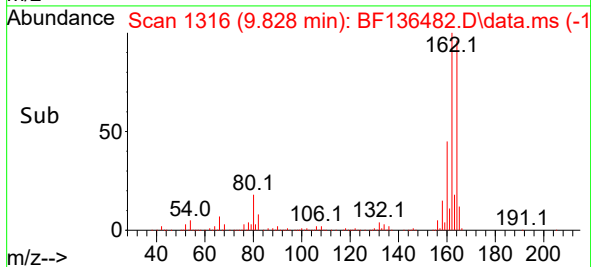
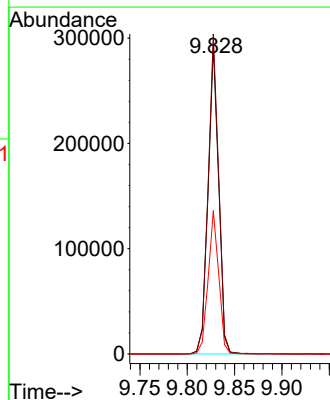
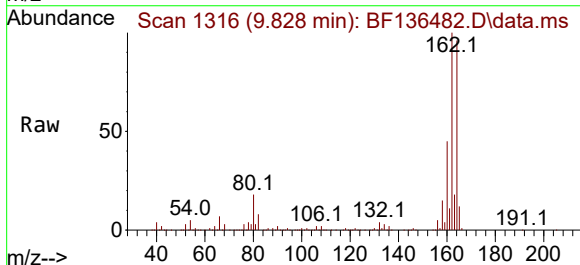
Instrument :
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ClientSampleId :
LKWD-BACKFILL-07RE

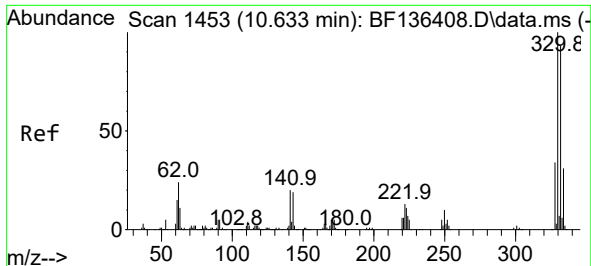
Tgt Ion: 82 Resp: 587017
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Tgt Ion: 164 Resp: 227510
Ion Ratio Lower Upper
164 100
162 103.8 84.4 126.6
160 46.5 37.6 56.4

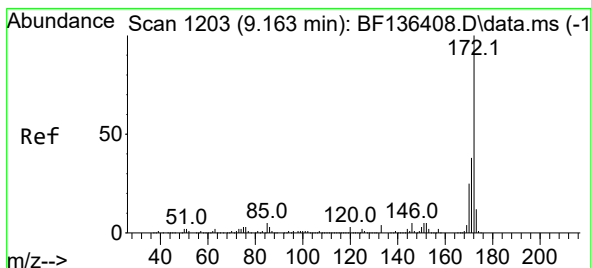
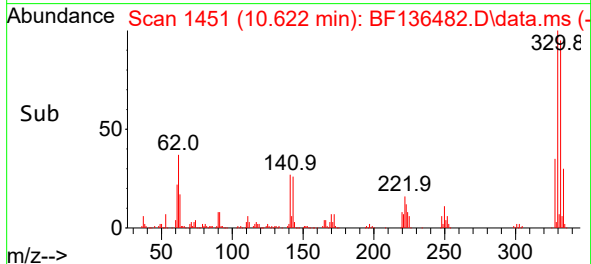
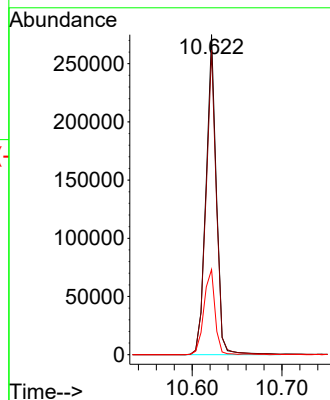
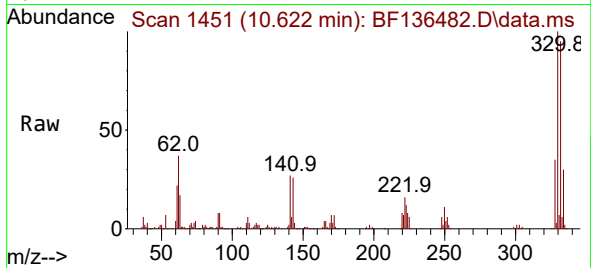




#42
2,4,6-Tribromophenol
Concen: 78.402 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

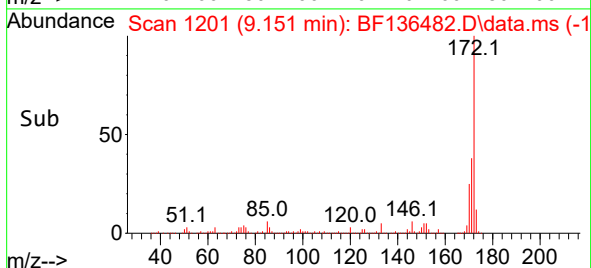
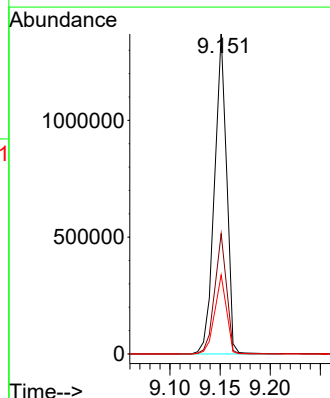
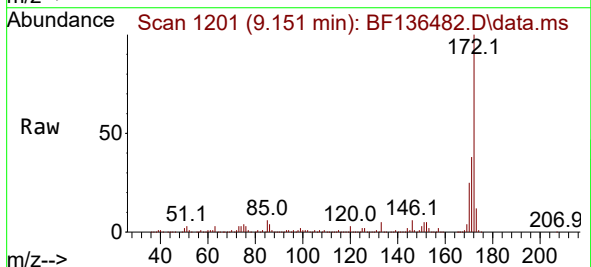
Instrument :
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ClientSampleId :
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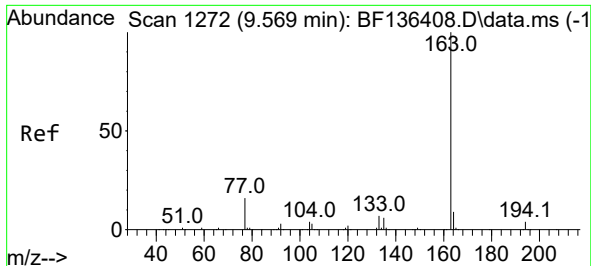
Tgt Ion:330 Resp: 219935
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 28.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 69.396 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

Tgt Ion:172 Resp: 1157078
Ion Ratio Lower Upper
172 100
171 37.6 30.5 45.7
170 24.7 19.9 29.9

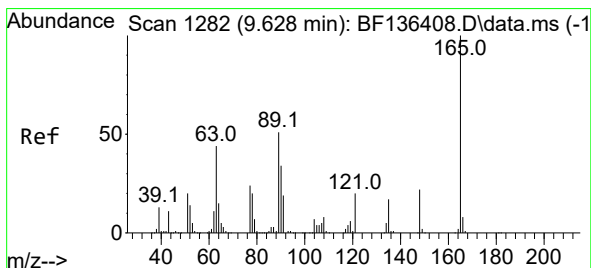
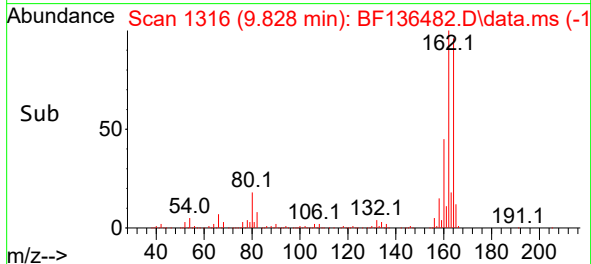
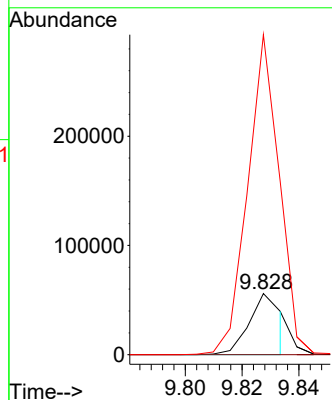
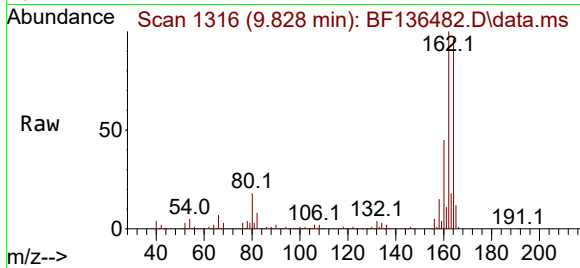




#50
Dimethylphthalate
Concen: 2.623 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

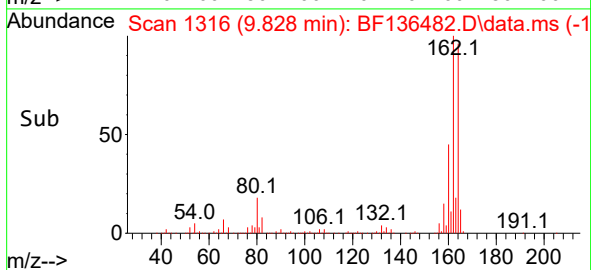
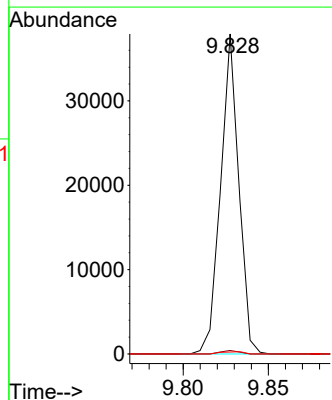
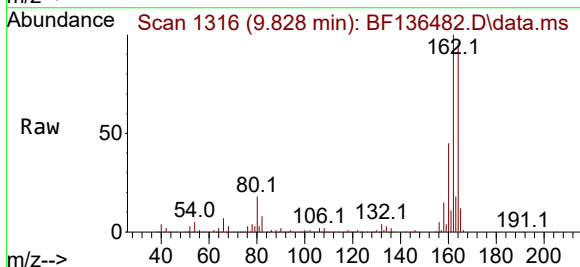
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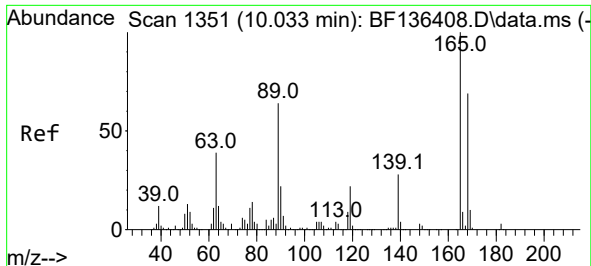
Tgt Ion:163 Resp: 43943
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 522.9 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.484 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

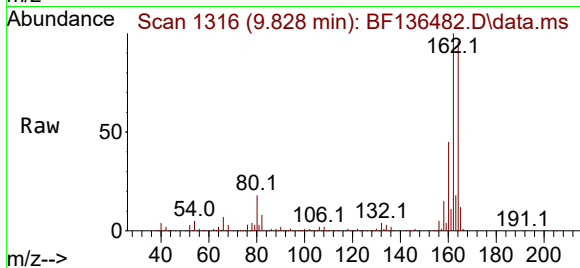
Tgt Ion:165 Resp: 28203
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 0.6 40.6 60.8#



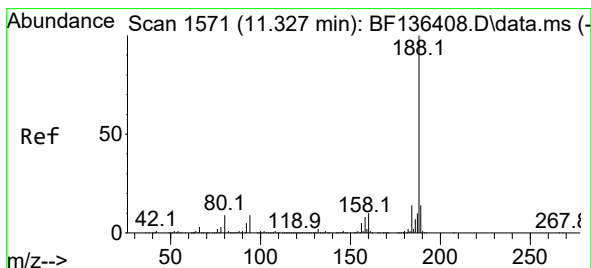
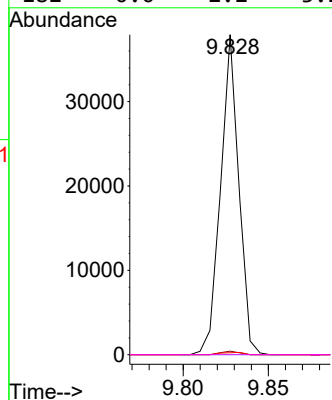
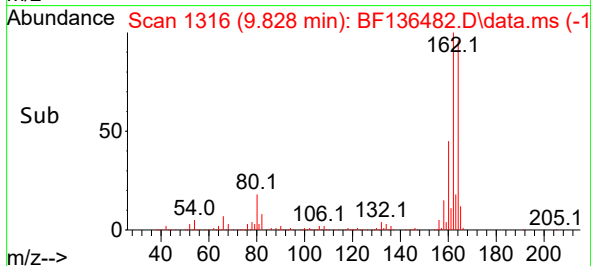


#57
2,4-Dinitrotoluene
Concen: 5.658 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

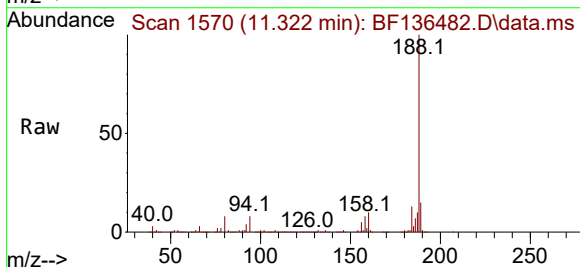
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE



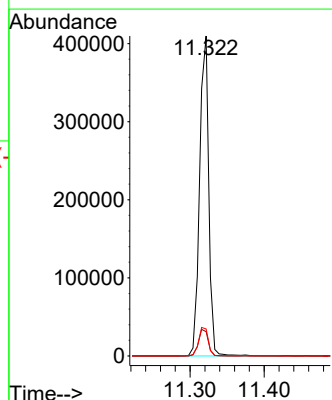
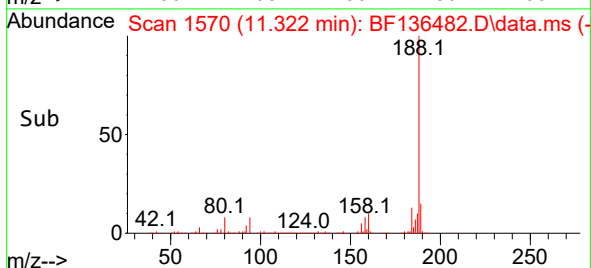
Tgt Ion:165 Resp: 28203
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 0.6 51.7 77.5#
182 0.0 2.2 3.2#

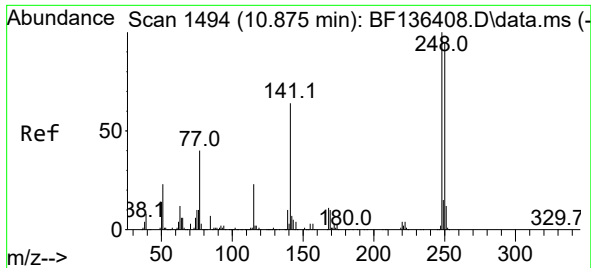


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57



Tgt Ion:188 Resp: 348136
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 8.4 7.2 10.8

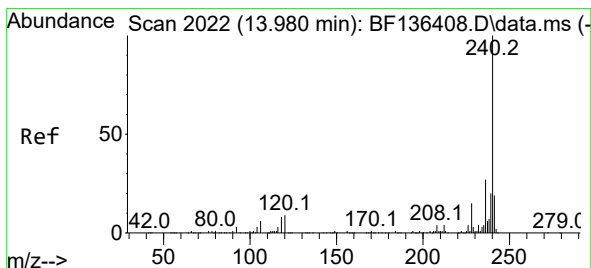
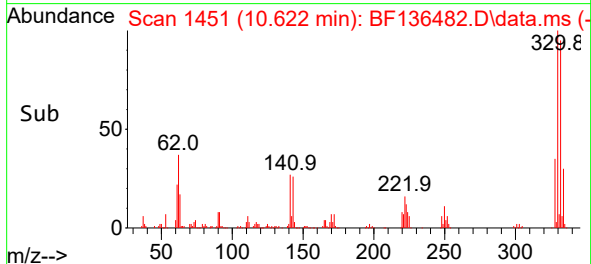
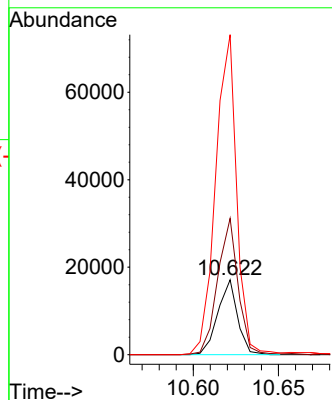
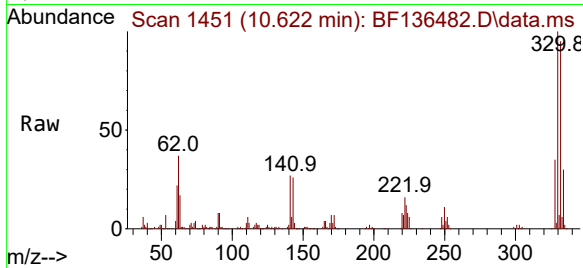




#67
4-Bromophenyl-phenylether
Concen: 3.412 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

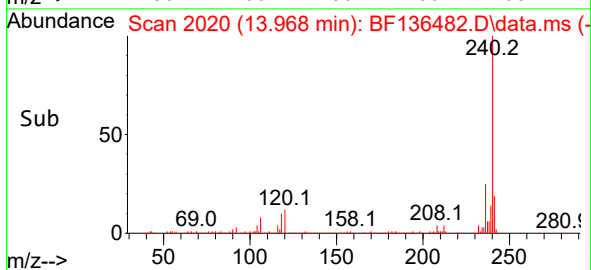
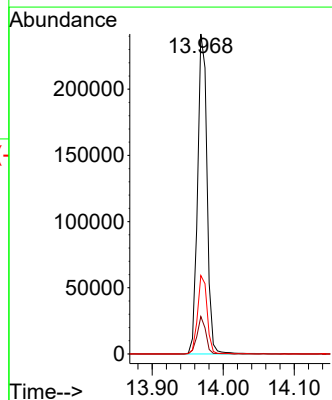
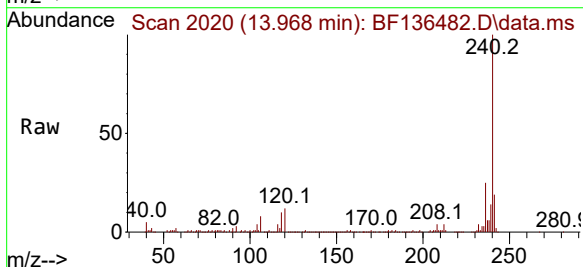
Instrument :
BNA_F
ClientSampleId :
LKWD-BACKFILL-07RE

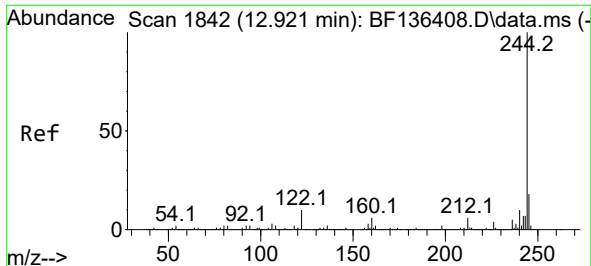
Tgt Ion:248 Resp: 13809
Ion Ratio Lower Upper
248 100
250 182.0 76.2 114.2#
141 427.1 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136482.D
Acq: 08 Dec 2023 22:57

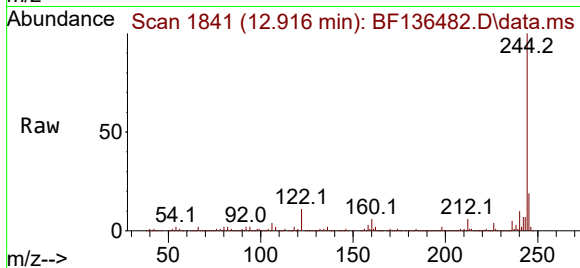
Tgt Ion:240 Resp: 224154
Ion Ratio Lower Upper
240 100
120 11.7 7.3 10.9#
236 24.5 21.3 31.9



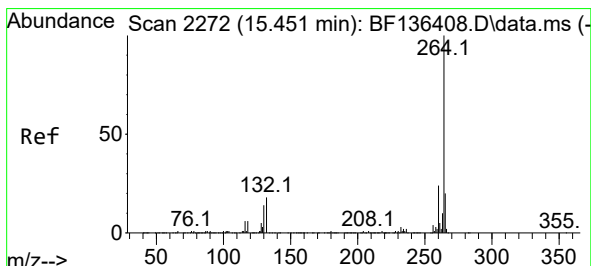
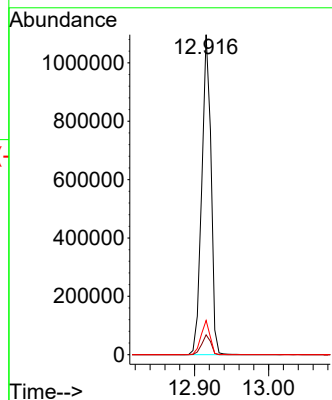
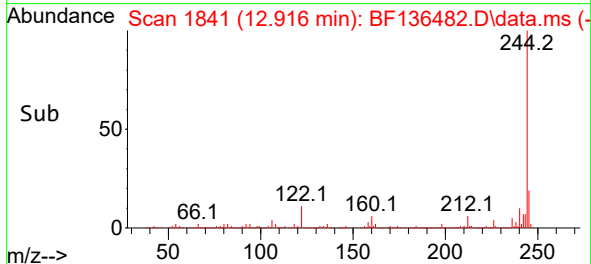


#79
 Terphenyl-d14
 Concen: 55.673 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136482.D
 Acq: 08 Dec 2023 22:57

Instrument :
 BNA_F
 ClientSampleId :
 LKWD-BACKFILL-07RE



Tgt Ion:244 Resp: 946809
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.7 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: BF136482.D
 Acq: 08 Dec 2023 22:57

Tgt Ion:264 Resp: 200273
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.3 15.9 23.9

