

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136500.D
 Acq On : 11 Dec 2023 20:21
 Operator : CG\JU
 Sample : 05720-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-FRACSEDIMENT-IDWSO-20231207

Quant Time: Dec 11 23:46:43 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)

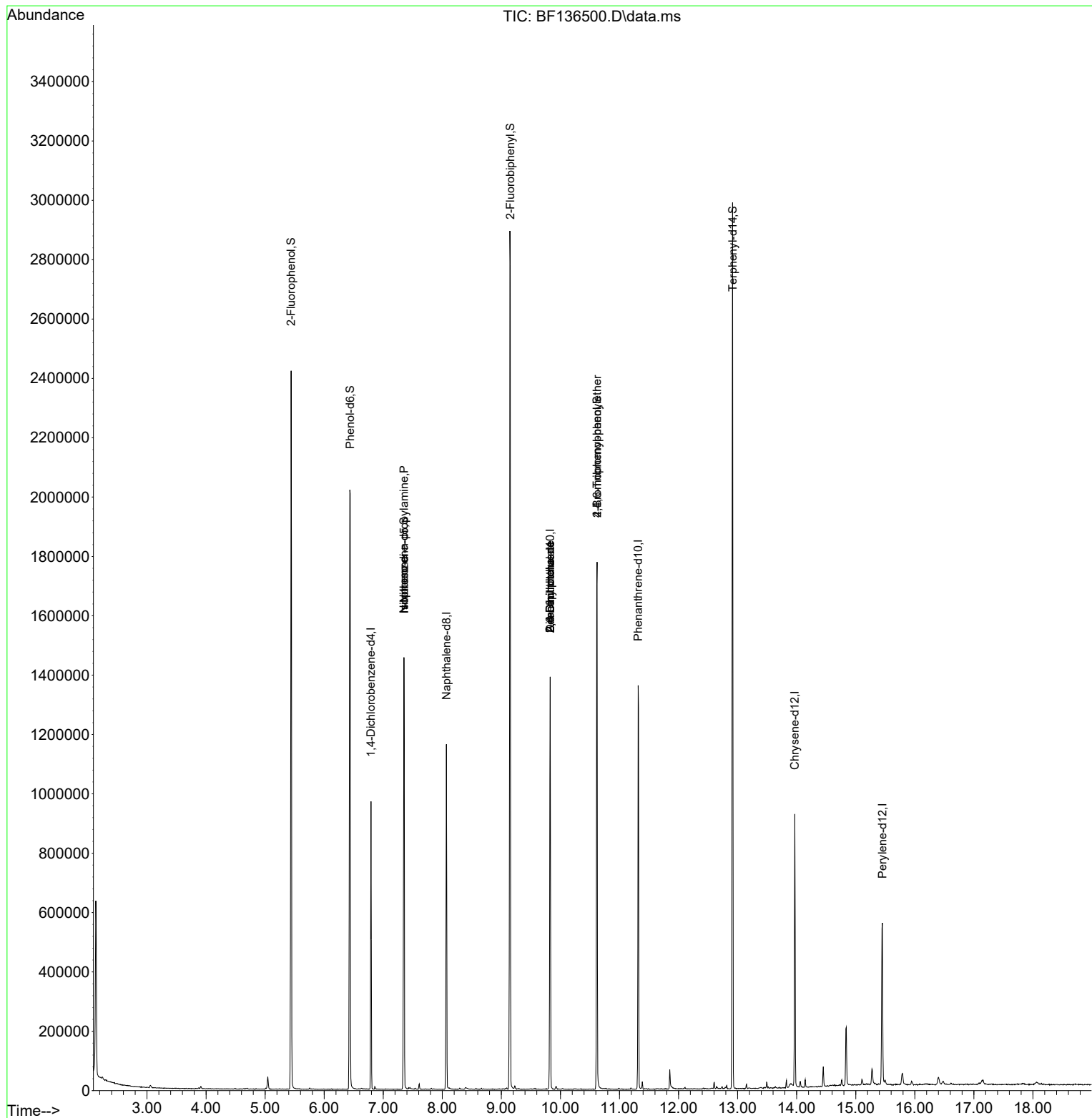
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	131922	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	530840	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	277798	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	523721	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	288873	20.000	ng	-0.01
86) Perylene-d12	15.451	264	271872	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	695943	77.909	ng	0.00
7) Phenol-d6	6.439	99	865342	77.644	ng	0.00
23) Nitrobenzene-d5	7.351	82	521785	53.138	ng	-0.02
42) 2,4,6-Tribromophenol	10.621	330	251657	73.471	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1007671	49.495	ng	-0.01
79) Terphenyl-d14	12.915	244	999357	45.598	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	999	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	67999	10.577	ng	# 76
25) Isophorone	7.351	82	521778	29.577	ng	# 65
50) Dimethylphthalate	9.827	163	57279	2.801	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	36815	8.001	ng	# 28
57) 2,4-Dinitrotoluene	9.827	165	36815	6.048	ng	# 28
67) 4-Bromophenyl-phenylether	10.621	248	15296	2.512	ng	# 1
77) Benzidine	12.915	184	11632	Below Cal	#	96

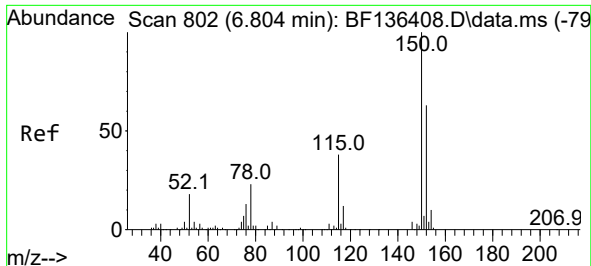
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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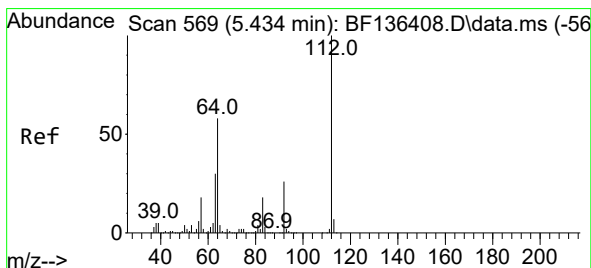
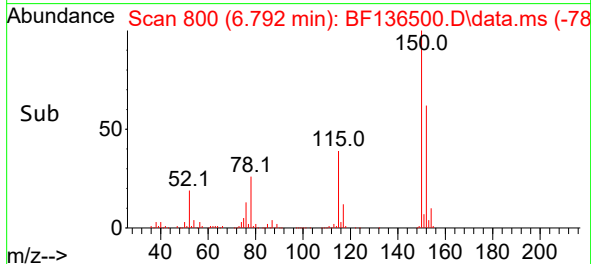
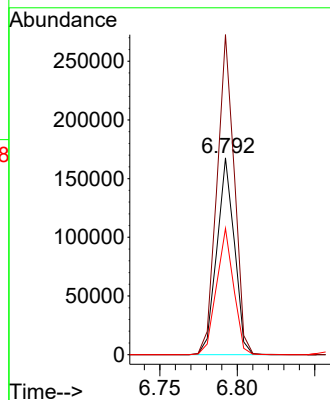
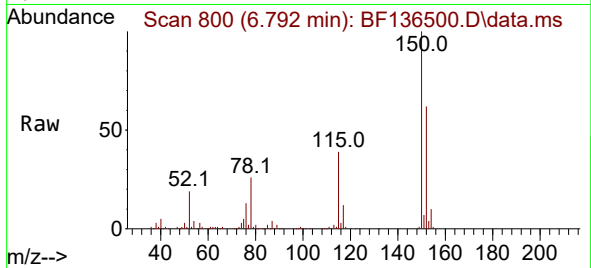




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

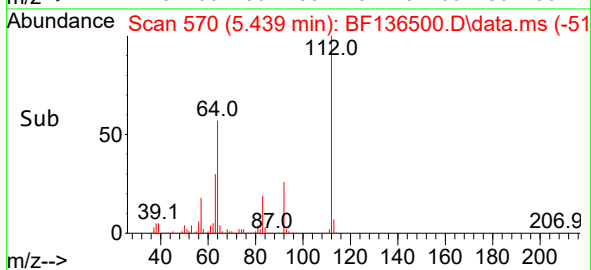
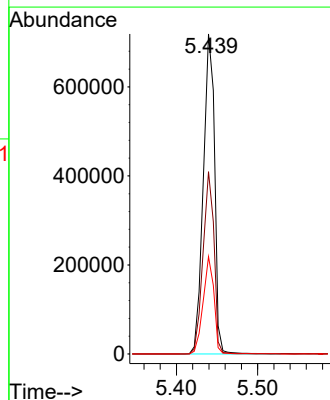
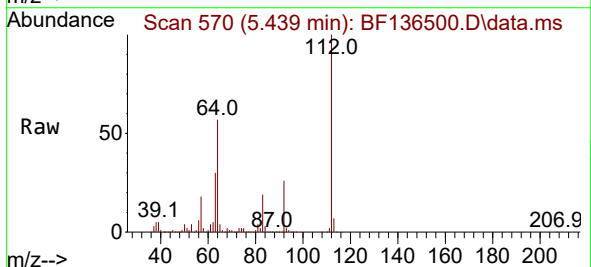
Instrument :
BNA_F
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

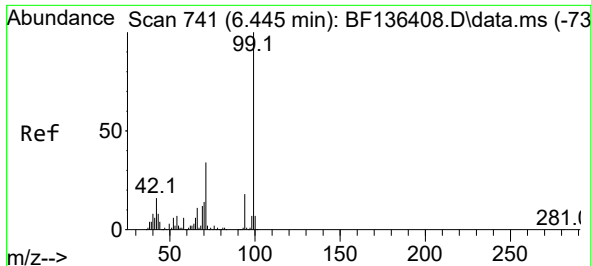
Tgt Ion:152 Resp: 131922
Ion Ratio Lower Upper
152 100
150 162.5 126.4 189.6
115 64.1 48.2 72.4



#5
2-Fluorophenol
Concen: 77.909 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion:112 Resp: 695943
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 30.4 23.9 35.9

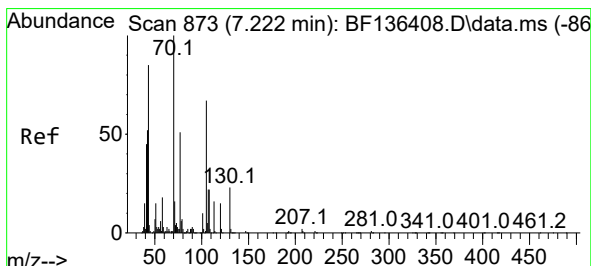
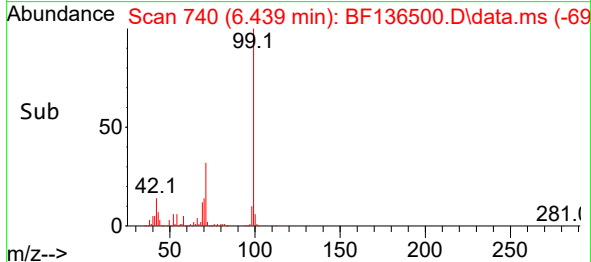
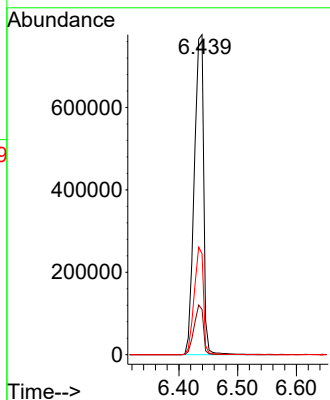
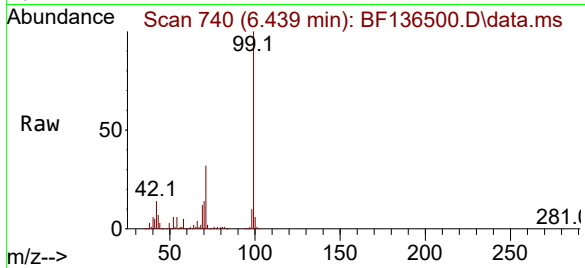




#7
Phenol-d6
Concen: 77.644 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

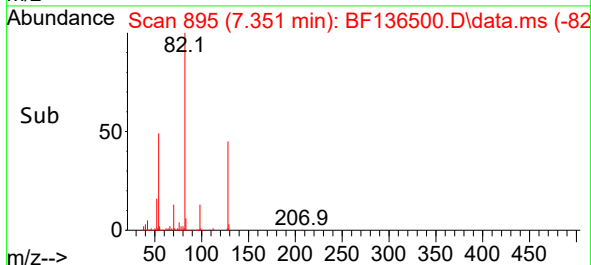
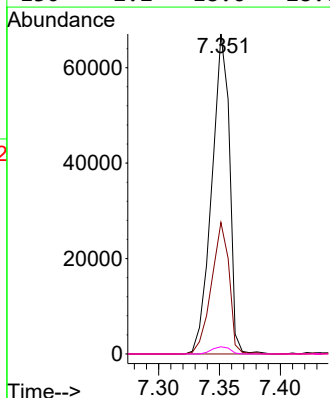
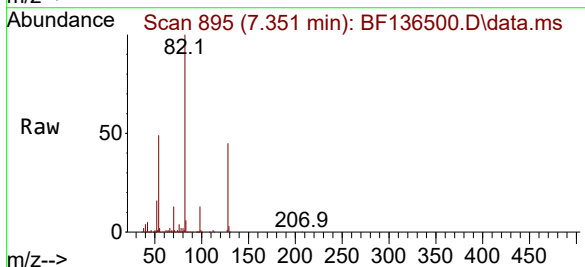
Instrument :
BNA_F
ClientSampleId :
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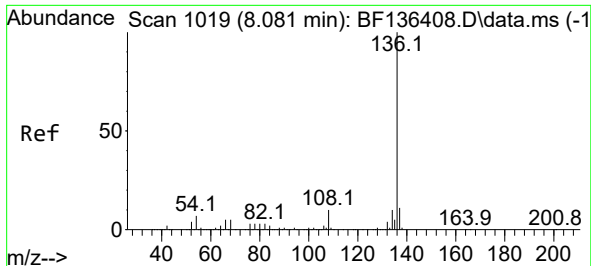
Tgt Ion: 99 Resp: 865342
Ion Ratio Lower Upper
99 100
42 14.1 12.8 19.2
71 31.6 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.577 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion: 70 Resp: 67999
Ion Ratio Lower Upper
70 100
42 41.1 41.4 62.0#
101 0.0 8.2 12.4#
130 2.2 18.6 28.0#

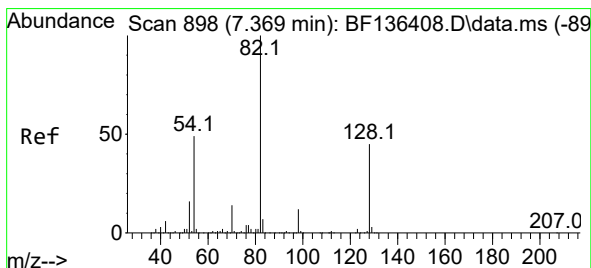
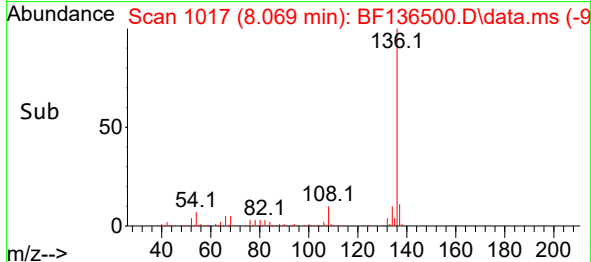
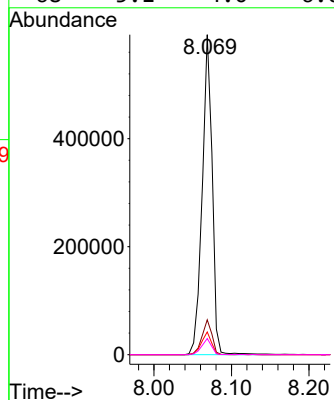
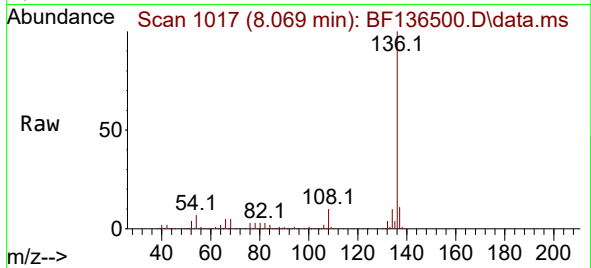




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

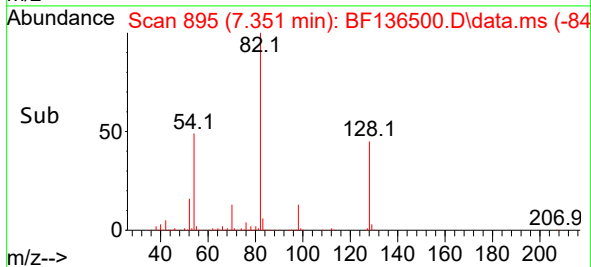
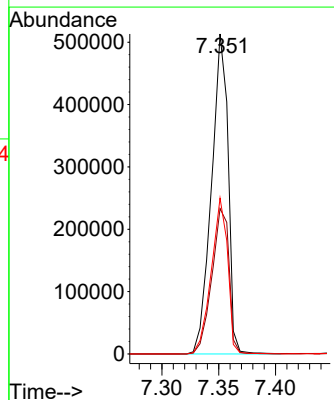
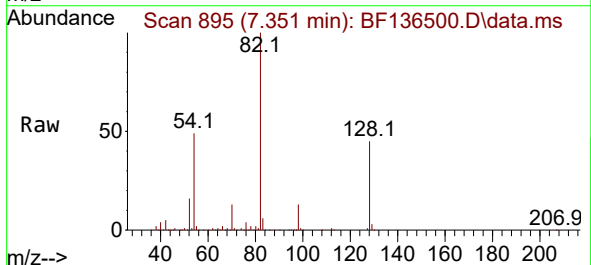
Instrument :
BNA_F
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

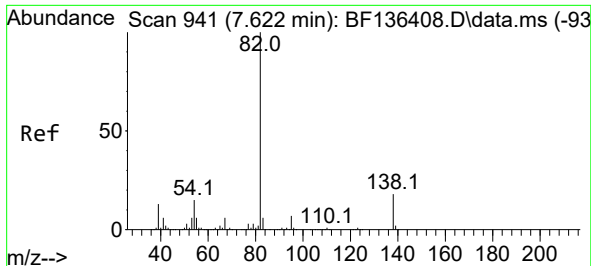
Tgt Ion:136 Resp: 530840
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.1 5.7 8.5
68 5.1 4.0 6.0



#23
Nitrobenzene-d5
Concen: 53.138 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.018 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion: 82 Resp: 521785
Ion Ratio Lower Upper
82 100
128 45.5 36.3 54.5
54 48.7 39.0 58.6

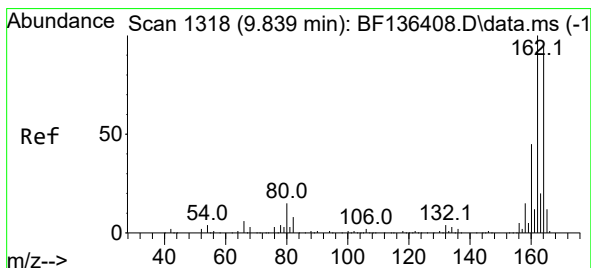
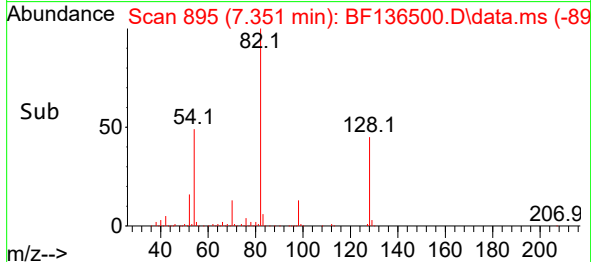
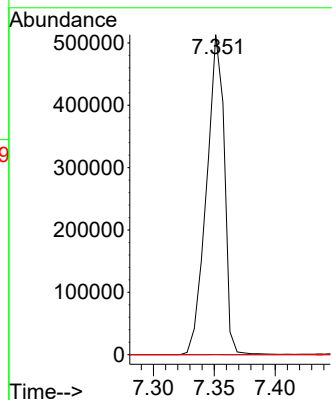
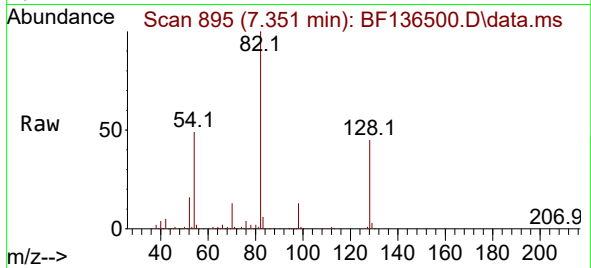




#25
Isophorone
Concen: 29.577 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

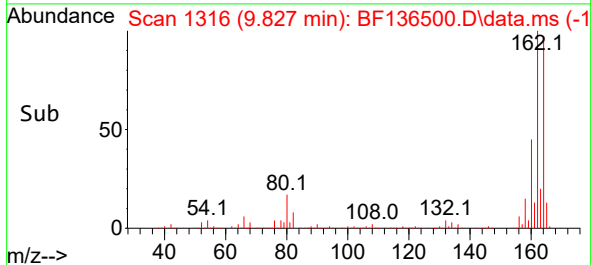
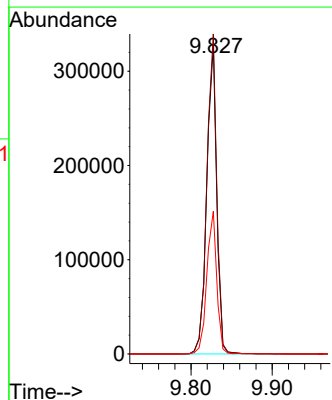
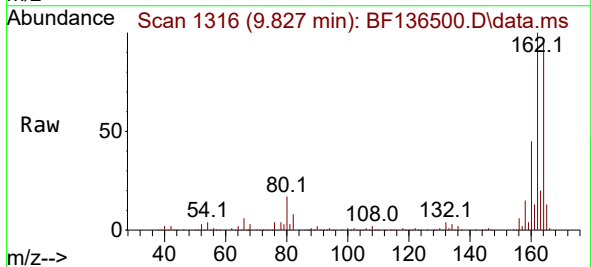
Instrument :
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ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207

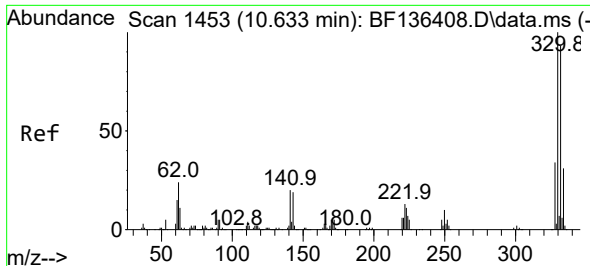
Tgt Ion: 82 Resp: 521778
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion:164 Resp: 277798
Ion Ratio Lower Upper
164 100
162 103.6 84.4 126.6
160 46.2 37.6 56.4

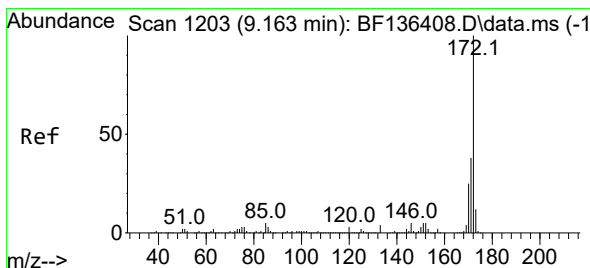
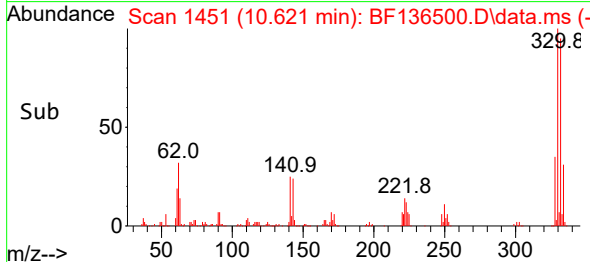
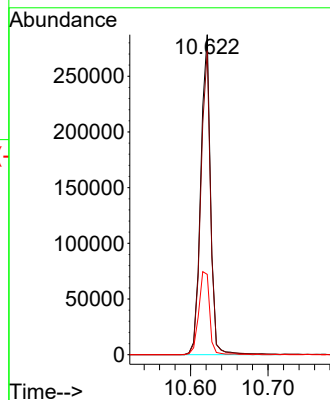
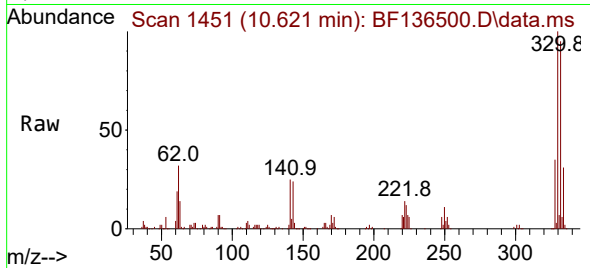




#42
2,4,6-Tribromophenol
Concen: 73.471 ng
RT: 10.621 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

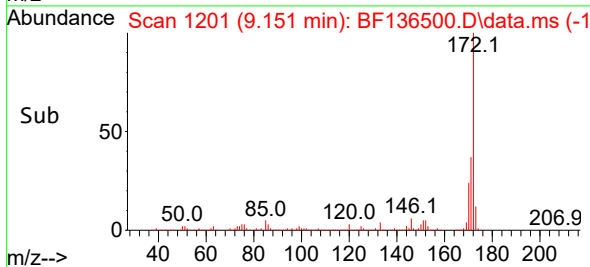
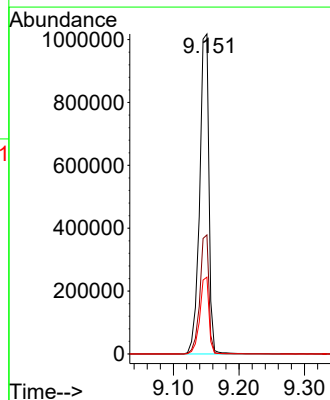
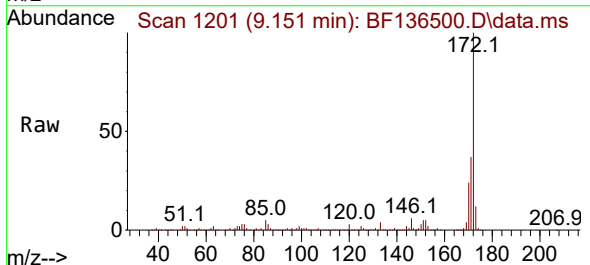
Instrument : BNA_F
ClientSampleId : TT-FRACSEDIMENT-IDWSO-20231207

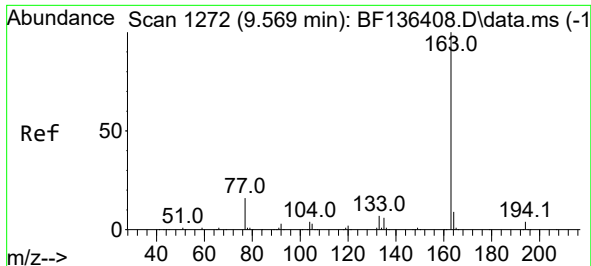
Tgt Ion:330 Resp: 251657
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 49.495 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion:172 Resp: 1007671
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.0 19.9 29.9

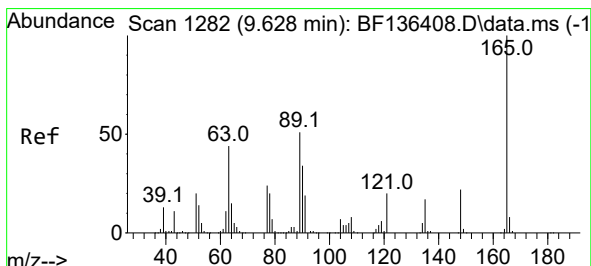
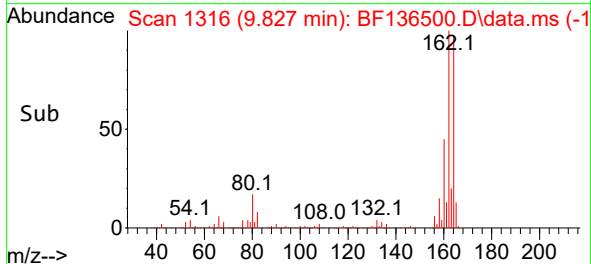
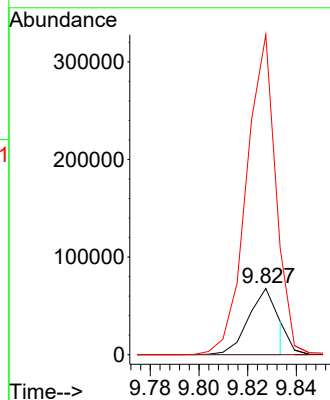
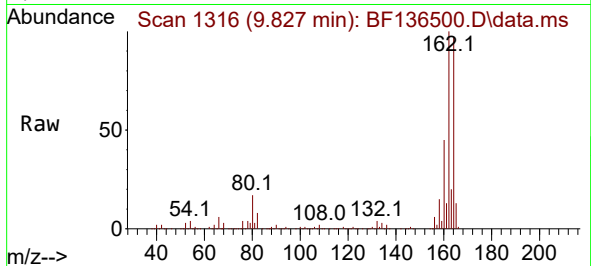




#50
Dimethylphthalate
Concen: 2.801 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

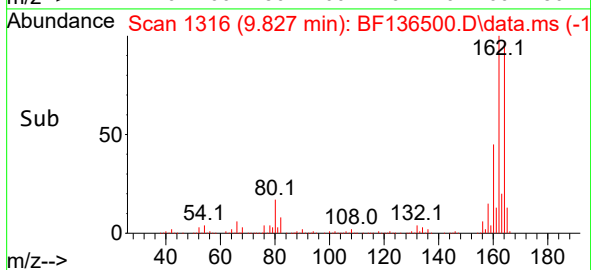
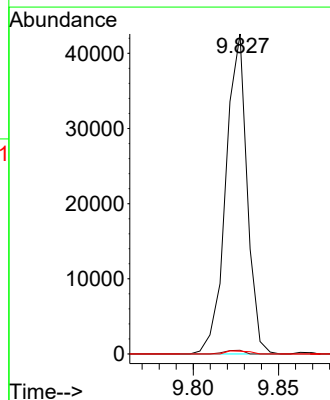
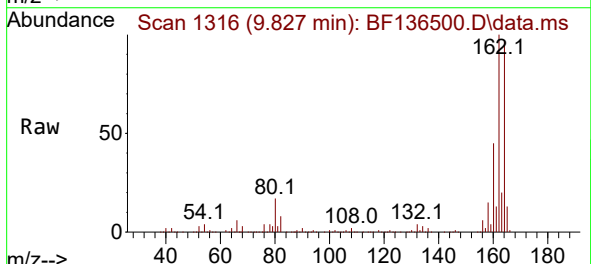
Instrument : BNA_F
ClientSampleId : TT-FRACSEDIMENT-IDWSO-20231207

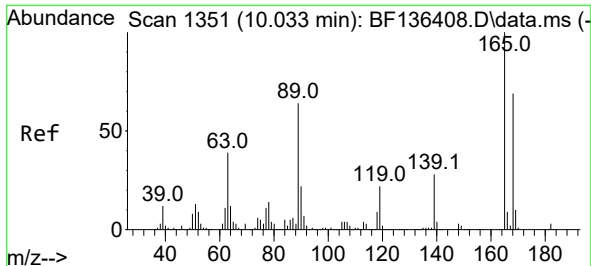
Tgt Ion:163 Resp: 57279
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 482.9 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 8.001 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion:165 Resp: 36815
Ion Ratio Lower Upper
165 100
63 1.2 40.4 60.6#
89 0.9 40.6 60.8#

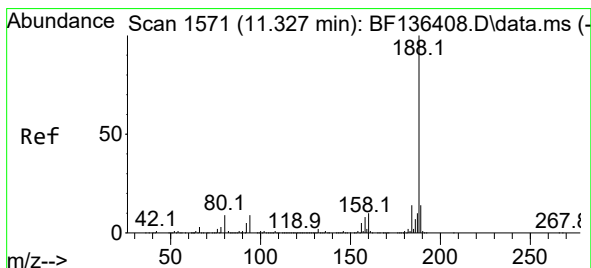
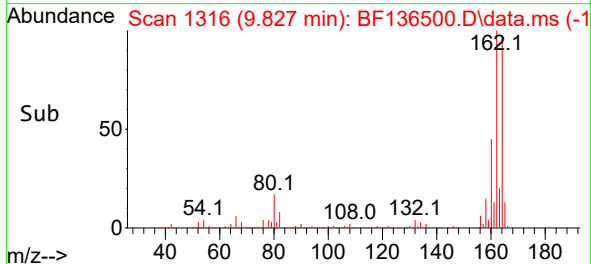
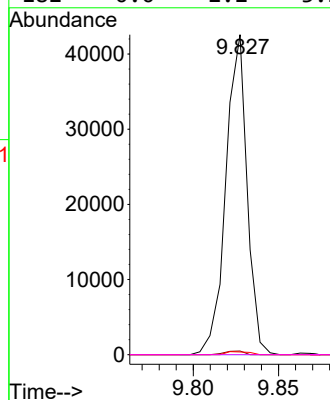
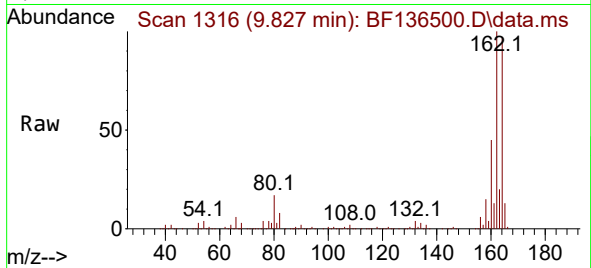




#57
2,4-Dinitrotoluene
Concen: 6.048 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

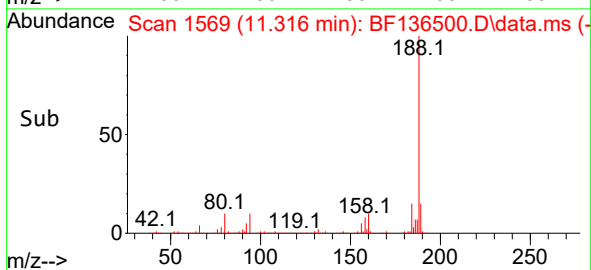
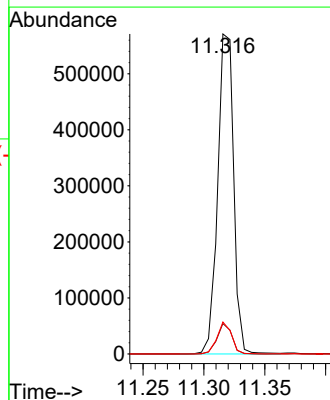
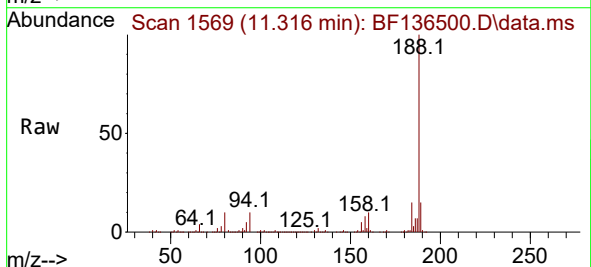
Instrument :
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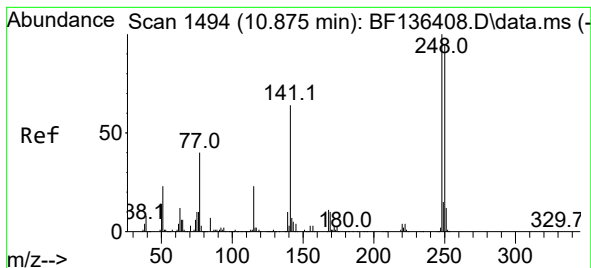
Tgt Ion:165 Resp: 36815
Ion Ratio Lower Upper
165 100
63 1.2 31.4 47.2#
89 0.9 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

Tgt Ion:188 Resp: 523721
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.0 7.2 10.8

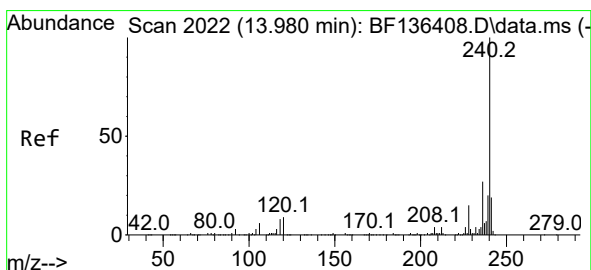
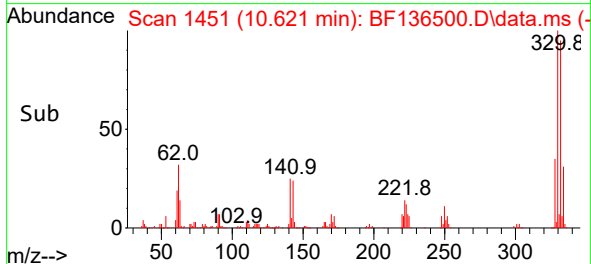
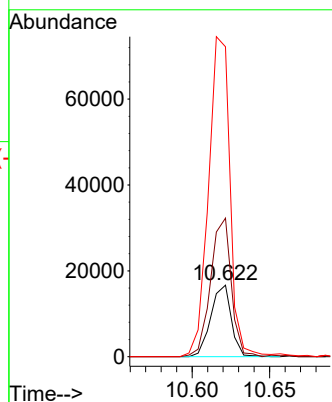
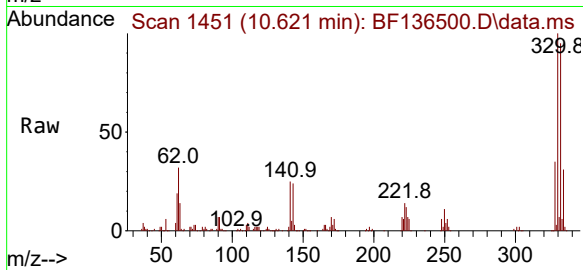




#67
4-Bromophenyl-phenylether
Concen: 2.512 ng
RT: 10.621 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

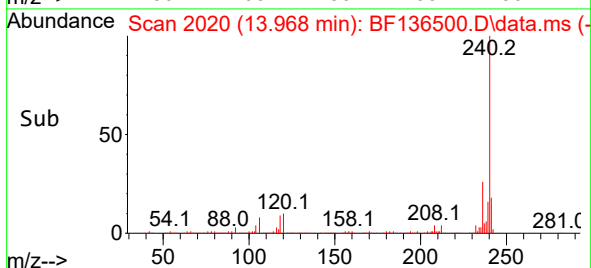
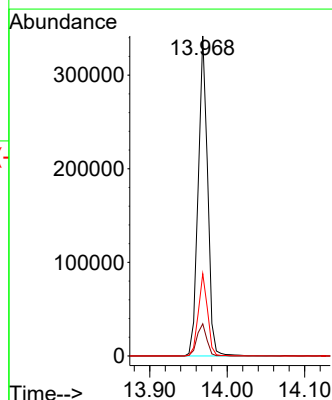
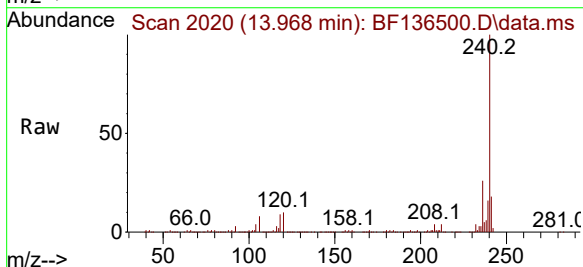
Instrument : BNA_F
ClientSampleId : TT-FRACSEDIMENT-IDWSO-20231207

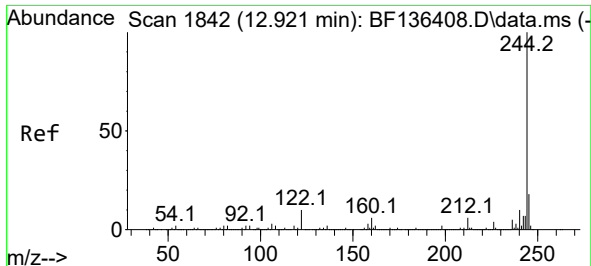
Tgt Ion:248 Resp: 15296
Ion Ratio Lower Upper
248 100
250 193.7 76.2 114.2#
141 433.3 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136500.D
Acq: 11 Dec 2023 20:21

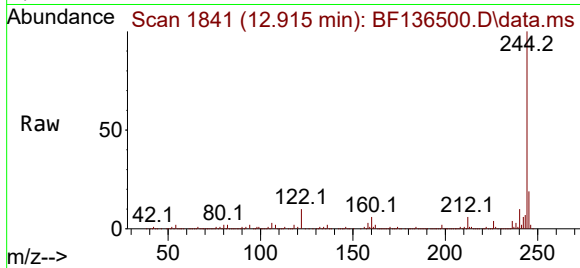
Tgt Ion:240 Resp: 288873
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.7 21.3 31.9



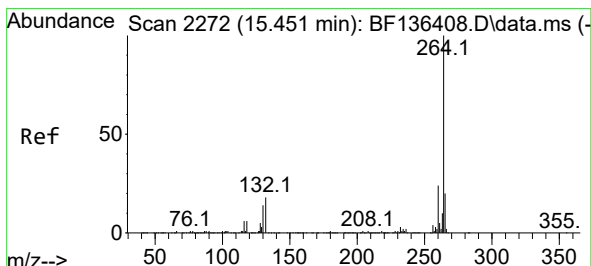
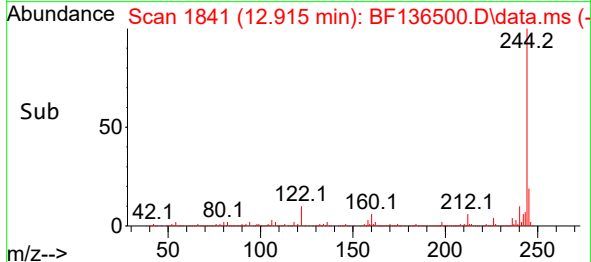
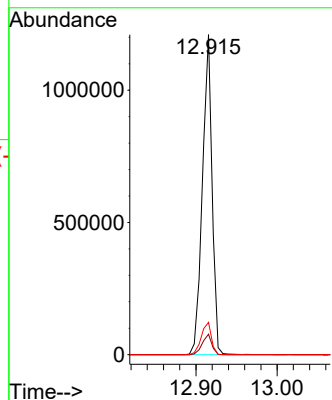


#79
 Terphenyl-d14
 Concen: 45.598 ng
 RT: 12.915 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136500.D
 Acq: 11 Dec 2023 20:21

Instrument :
 BNA_F
 ClientSampleId :
 TT-FRACSEDIMENT-IDWSO-20231207



Tgt Ion:244 Resp: 999357
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.1 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: BF136500.D
 Acq: 11 Dec 2023 20:21

Tgt Ion:264 Resp: 271872
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.6 15.9 23.9

