

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029158.D
 Acq On : 21 Dec 2023 19:44
 Operator : MA/JU
 Sample : 05720-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 TT-FRACSEDIMENT-IDWSO-20231207MS

Quant Time: Dec 25 01:25:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

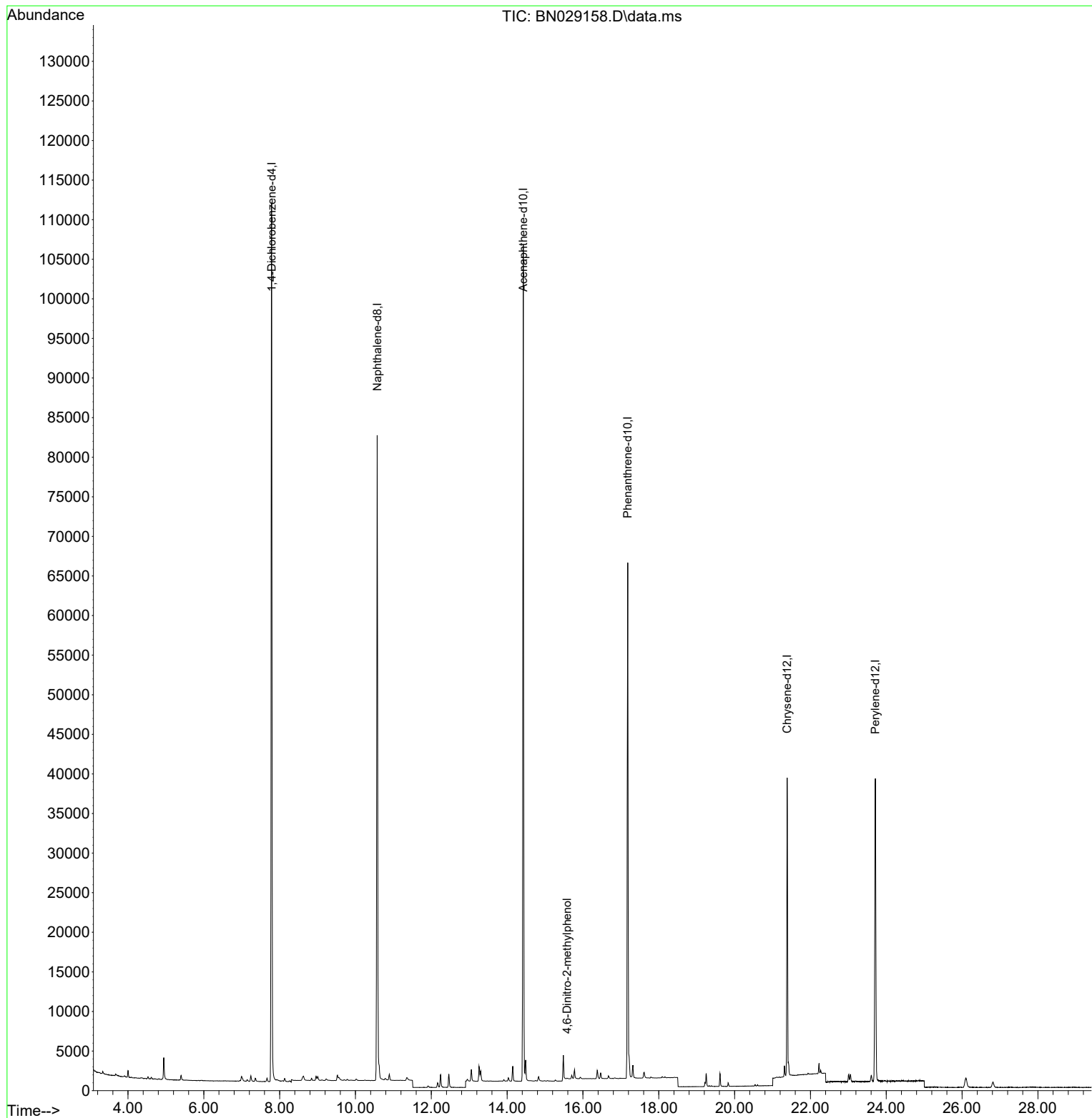
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	55624	20.000	ng	0.00
7) Naphthalene-d8	10.573	136	105404	20.000	ng	#-0.01
13) Acenaphthene-d10	14.426	164	54769	20.000	ng	0.00
19) Phenanthrene-d10	17.181	188	85162	20.000	ng	# 0.00
29) Chrysene-d12	21.385	240	33368	20.000	ng	# 0.00
35) Perylene-d12	23.712	264	48322	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	541	0.203	ng	0.00
5) Phenol-d6	6.995	99	672	0.230	ng	0.00
8) Nitrobenzene-d5	8.961	82	620	0.226	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	1070	0.335	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	130	0.136	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1414	0.221	ng	0.00
27) Fluoranthene-d10	19.220	212	647	0.157	ng	0.00
31) Terphenyl-d14	19.833	244	427	0.233	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	258	0.246	ng	# 67
3) n-Nitrosodimethylamine	3.673	42	236	0.328	ng	# 78
6) bis(2-Chloroethyl)ether	7.241	93	620	0.273	ng	97
9) Naphthalene	10.626	128	1794	0.261	ng	99
10) Hexachlorobutadiene	10.893	225	546	0.242	ng	# 100
12) 2-Methylnaphthalene	12.246	142	1226	0.273	ng	98
16) Acenaphthylene	14.148	152	2058	0.267	ng	99
17) Acenaphthene	14.490	154	1181	0.255	ng	98
18) Fluorene	15.484	166	1564	0.251	ng	97
20) 4,6-Dinitro-2-methylph...	15.580	198	91	3.251	ng	95
21) 4-Bromophenyl-phenylether	16.387	248	484	0.275	ng	96
22) Hexachlorobenzene	16.474	284	500	0.244	ng	98
23) Atrazine	16.672	200	375	0.254	ng	99
24) Pentachlorophenol	16.846	266	60	0.049	ng	# 84
25) Phenanthrene	17.218	178	2056	0.293	ng	97
26) Anthracene	17.318	178	1892	0.279	ng	98
28) Fluoranthene	19.252	202	1591	0.219	ng	99
30) Pyrene	19.615	202	1586	0.302	ng	98
32) Benzo(a)anthracene	21.376	228	1321	0.360	ng	98
33) Chrysene	21.420	228	1046	0.288	ng	100
34) Bis(2-ethylhexyl)phtha...	21.313	149	1295	Below Cal		99
36) Indeno(1,2,3-cd)pyrene	26.081	276	1906	0.306	ng	# 95
37) Benzo(b)fluoranthene	23.011	252	1293	0.263	ng	98
38) Benzo(k)fluoranthene	23.052	252	1218	0.253	ng	95
39) Benzo(a)pyrene	23.604	252	1181	0.269	ng	95
40) Dibenzo(a,h)anthracene	26.116	278	1441	0.301	ng	96
41) Benzo(g,h,i)perylene	26.817	276	1529	0.290	ng	98

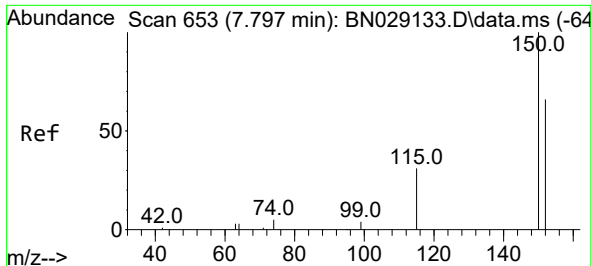
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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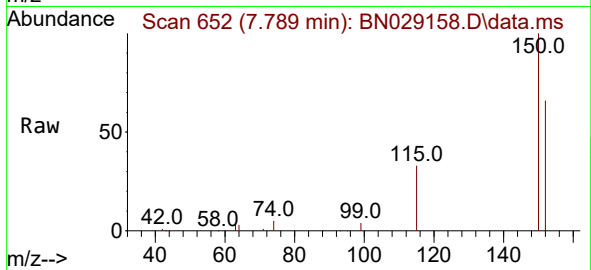
Quant Time: Dec 25 01:25:47 2023
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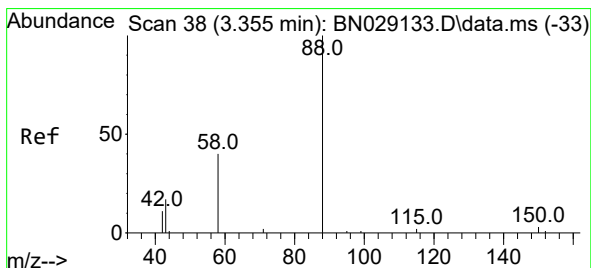
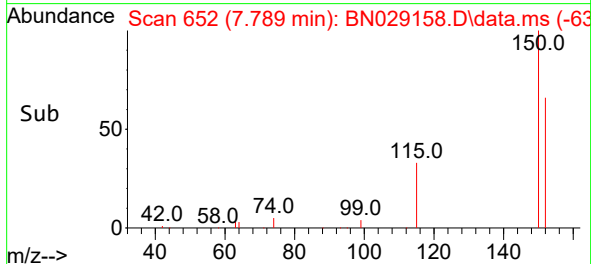
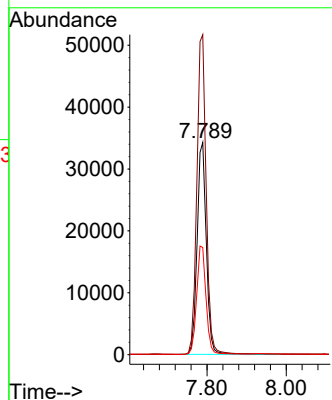


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.789 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN029158.D
 Acq: 21 Dec 2023 19:44

Instrument :
 BNA_N
 ClientSampleId :
 TT-FRACSEDIMENT-IDWSO-20231207MS

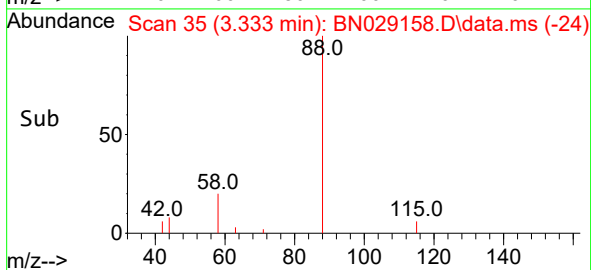
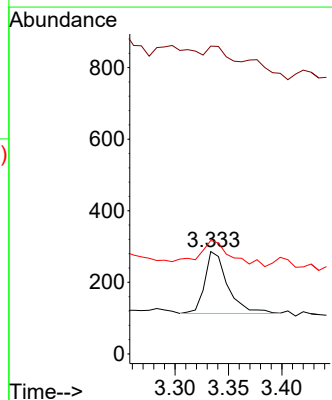
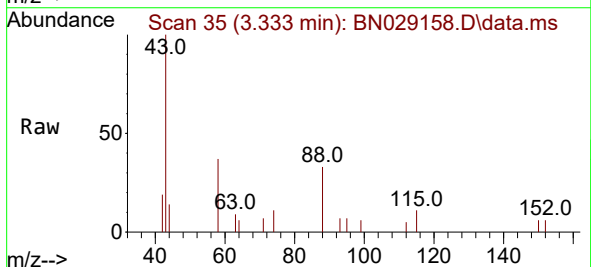


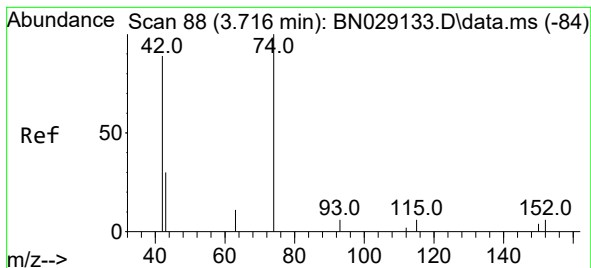
Tgt Ion:152 Resp: 55624
 Ion Ratio Lower Upper
 152 100
 150 150.9 117.6 176.4
 115 50.5 44.2 66.2



#2
 1,4-Dioxane
 Concen: 0.246 ng
 RT: 3.333 min Scan# 35
 Delta R.T. -0.022 min
 Lab File: BN029158.D
 Acq: 21 Dec 2023 19:44

Tgt Ion: 88 Resp: 258
 Ion Ratio Lower Upper
 88 100
 43 0.0 20.1 30.1#
 58 59.7 35.4 53.2#





#3

n-Nitrosodimethylamine

Concen: 0.328 ng

RT: 3.673 min Scan# 81

Delta R.T. -0.043 min

Lab File: BN029158.D

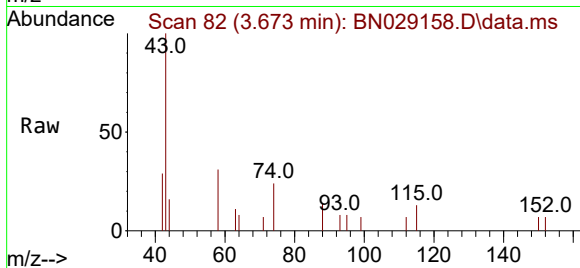
Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS



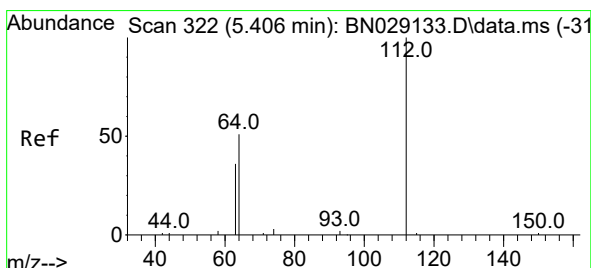
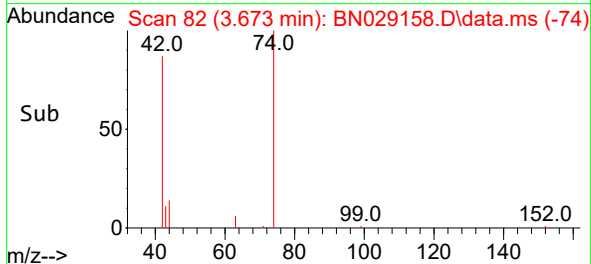
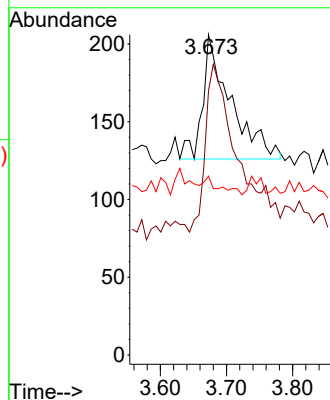
Tgt Ion: 42 Resp: 236

Ion Ratio Lower Upper

42 100

74 155.1 103.0 154.4#

44 8.1 3.2 4.8#



#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.399 min Scan# 321

Delta R.T. -0.007 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

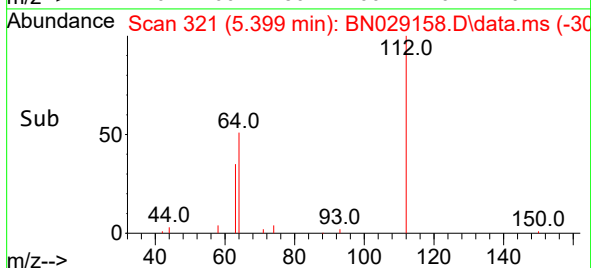
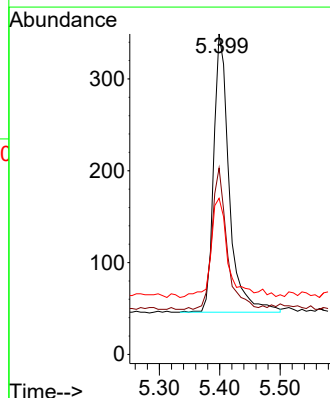
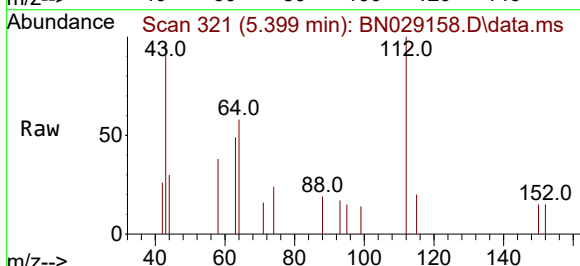
Tgt Ion: 112 Resp: 541

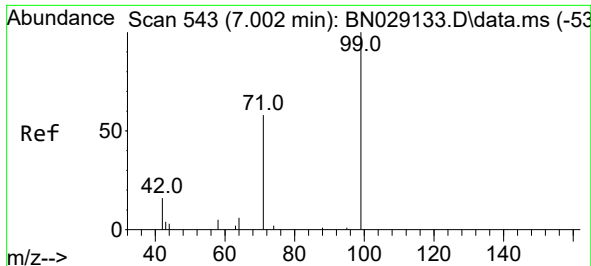
Ion Ratio Lower Upper

112 100

64 49.2 38.6 58.0

63 38.4 30.0 45.0

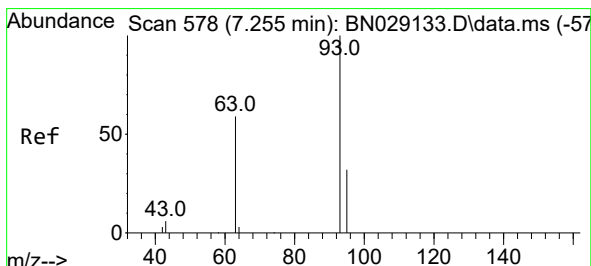
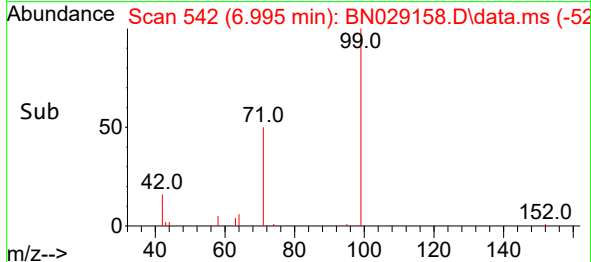
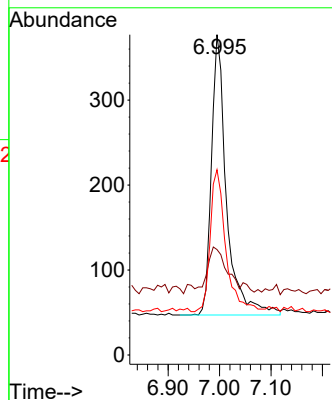
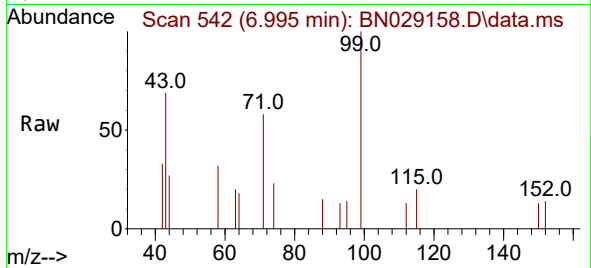




#5
Phenol-d6
Concen: 0.230 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

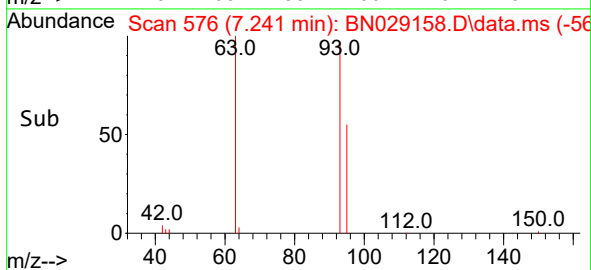
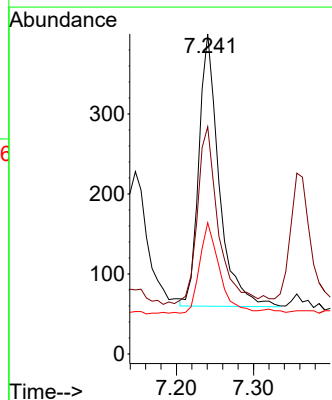
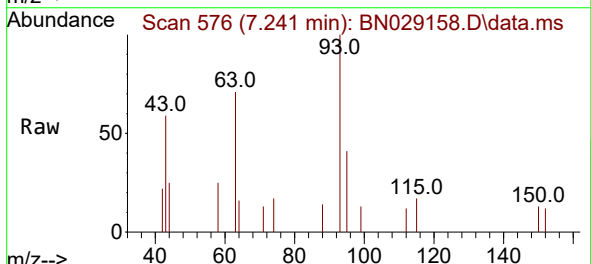
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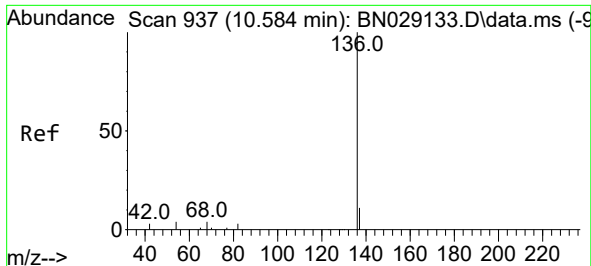
Tgt Ion: 99 Resp: 672
Ion Ratio Lower Upper
99 100
42 23.8 13.8 20.6#
71 52.1 45.4 68.2



#6
bis(2-Chloroethyl)ether
Concen: 0.273 ng
RT: 7.241 min Scan# 576
Delta R.T. -0.014 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Tgt Ion: 93 Resp: 620
Ion Ratio Lower Upper
93 100
63 69.2 57.0 85.6
95 32.9 27.4 41.2

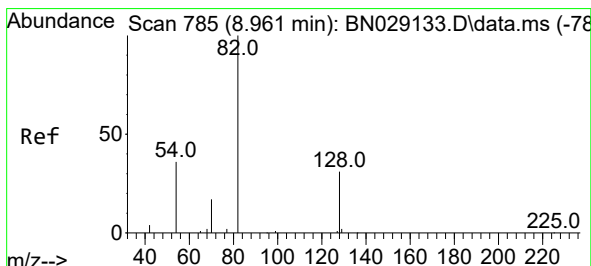
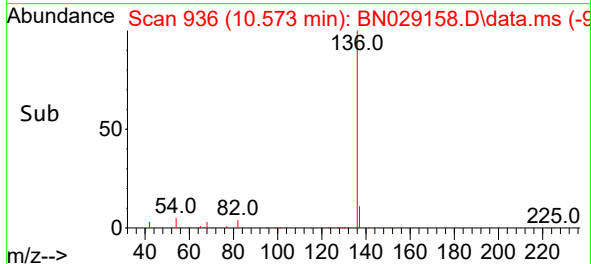
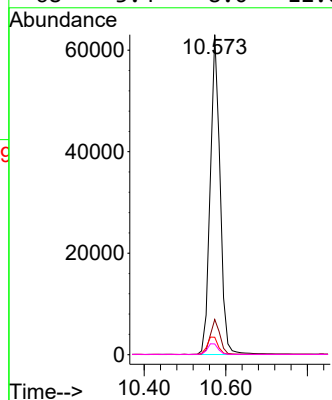
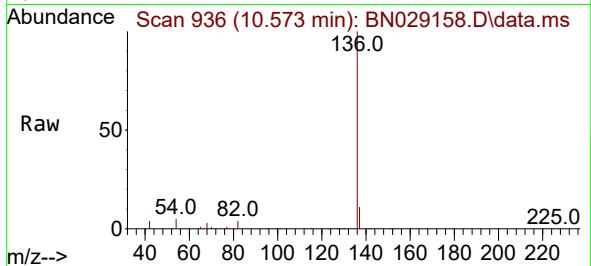




#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.573 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

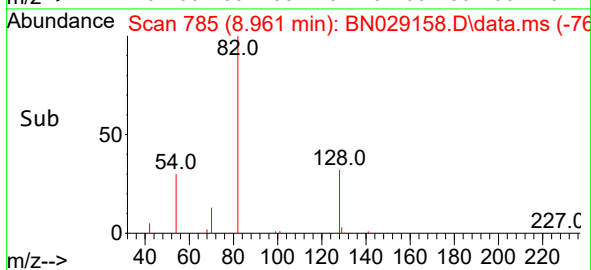
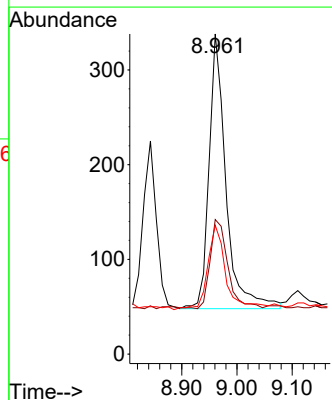
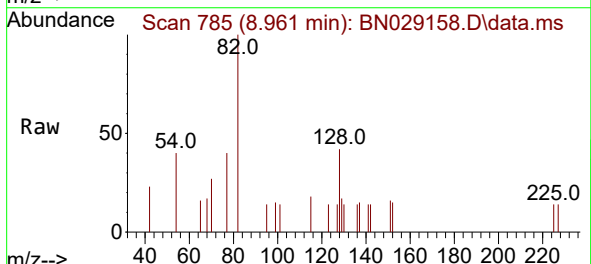
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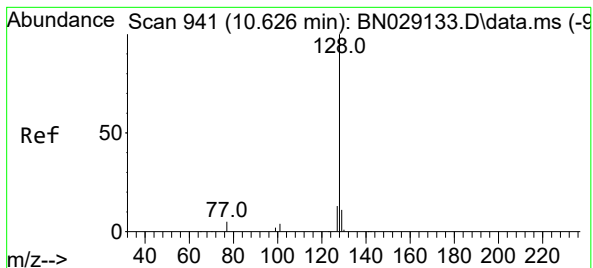
Tgt Ion:136 Resp: 105404
Ion Ratio Lower Upper
136 100
137 11.0 13.4 20.0#
54 5.4 8.6 13.0#
68 3.4 8.0 12.0#



#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Tgt Ion: 82 Resp: 620
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 40.2 35.8 53.8





#9

Naphthalene

Concen: 0.261 ng

RT: 10.626 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

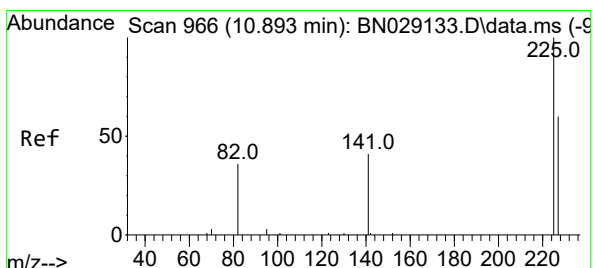
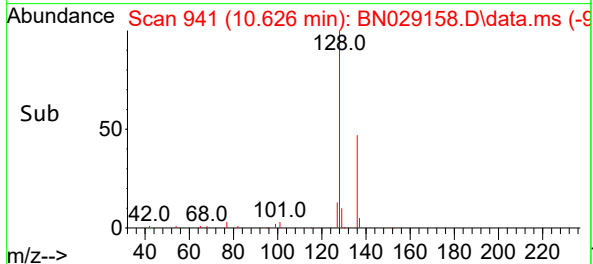
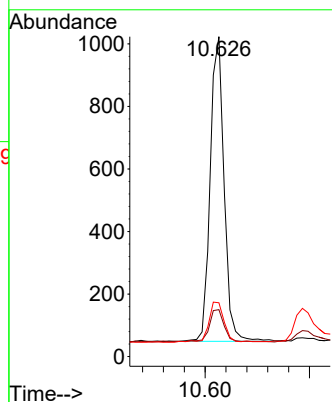
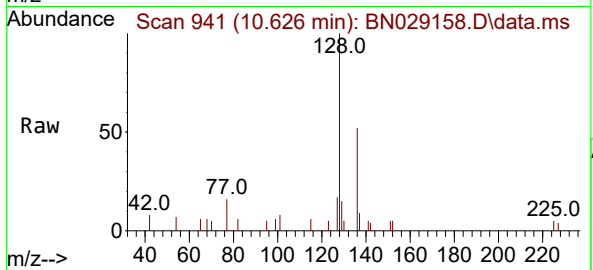
Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS

Tgt Ion:	128	Resp:	1794
Ion	Ratio	Lower	Upper
128	100		
129	14.7	12.0	18.0
127	16.8	14.1	21.1



#10

Hexachlorobutadiene

Concen: 0.242 ng

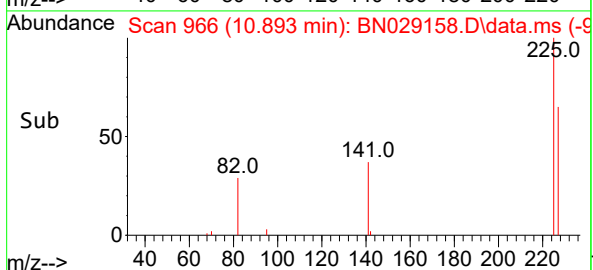
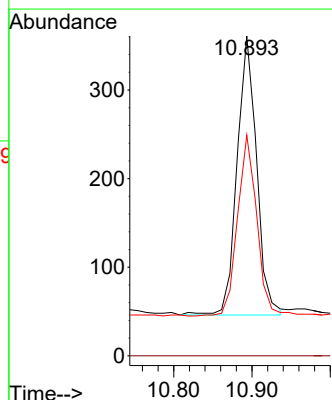
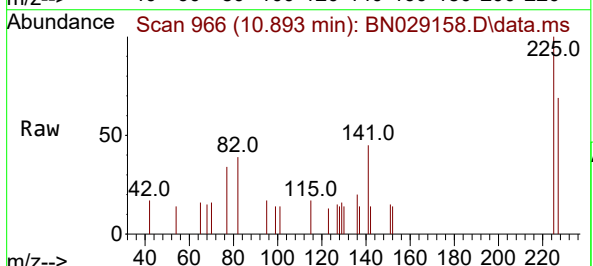
RT: 10.893 min Scan# 966

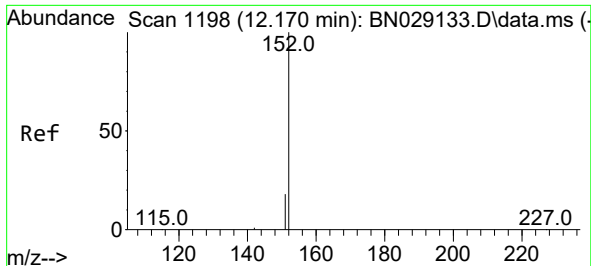
Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Tgt Ion:	225	Resp:	546
Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.6	75.8





#11

2-Methylnaphthalene-d10

Concen: 0.335 ng

RT: 12.167 min Scan# 1197

Delta R.T. -0.004 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

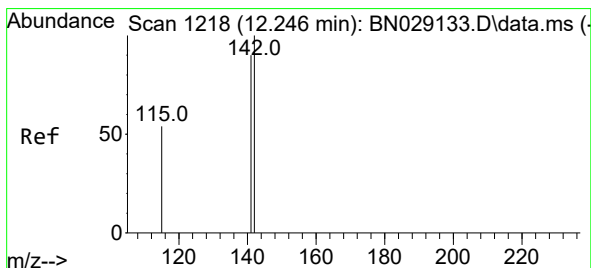
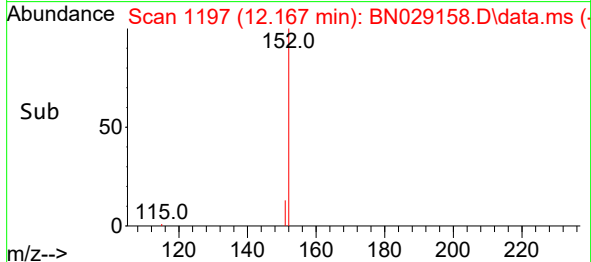
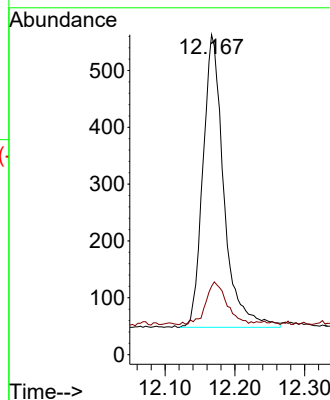
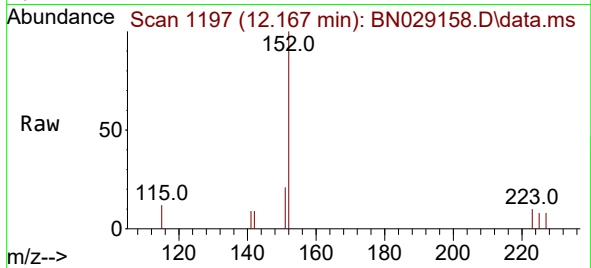
TT-FRACSEDIMENT-IDWSO-20231207MS

Tgt Ion:152 Resp: 1070

Ion Ratio Lower Upper

152 100

151 14.6 17.4 26.2#



#12

2-Methylnaphthalene

Concen: 0.273 ng

RT: 12.246 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

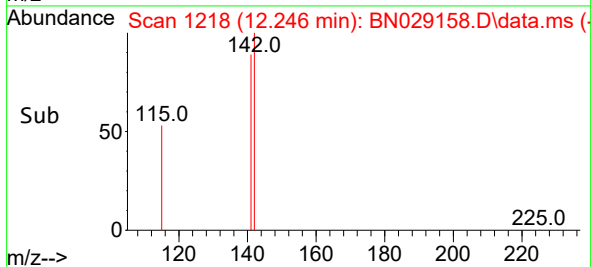
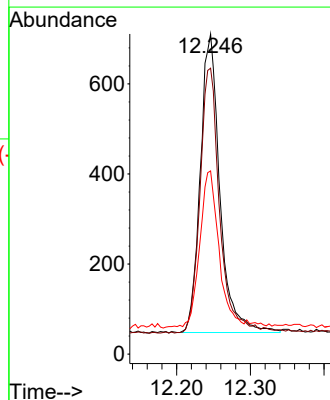
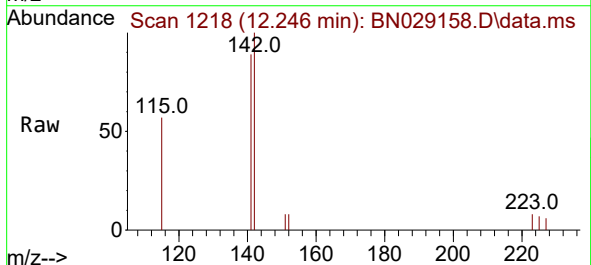
Tgt Ion:142 Resp: 1226

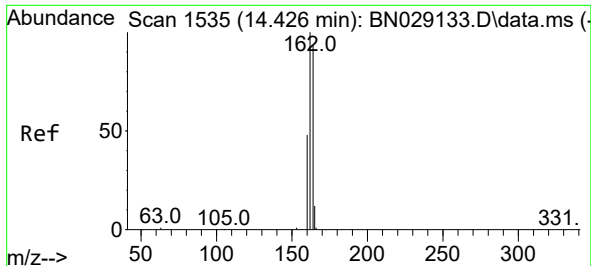
Ion Ratio Lower Upper

142 100

141 89.3 73.0 109.4

115 57.2 46.8 70.2

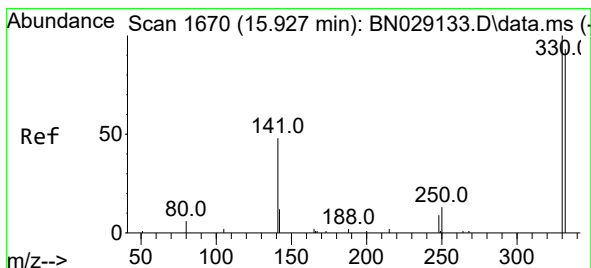
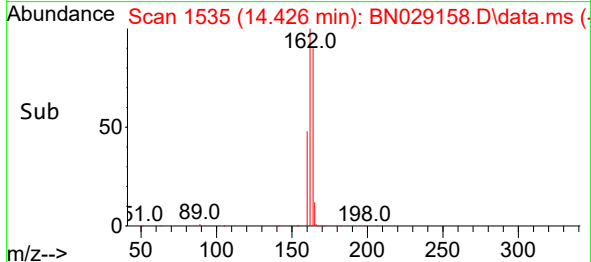
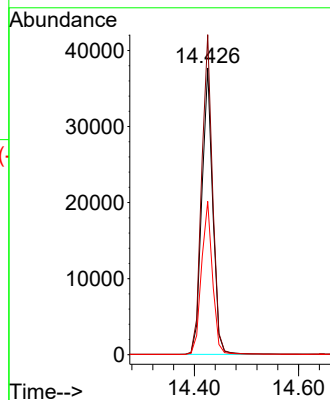
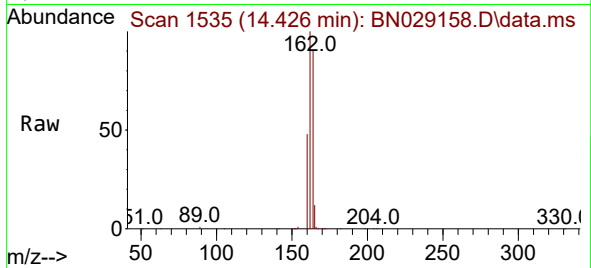




#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.426 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

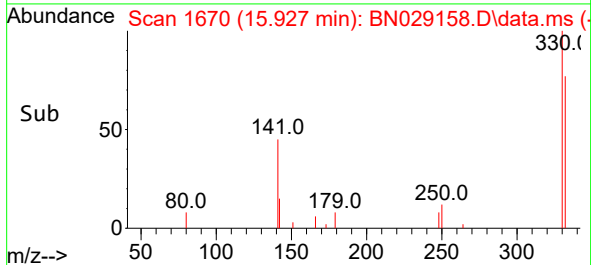
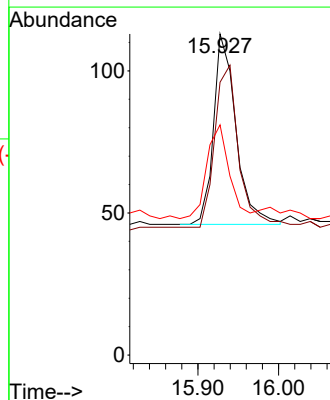
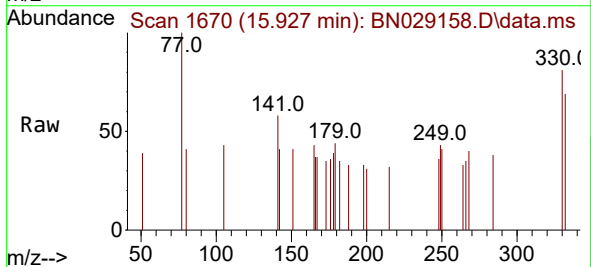
Instrument : BNA_N
ClientSampleId : TT-FRACSEDIMENT-IDWSO-20231207MS

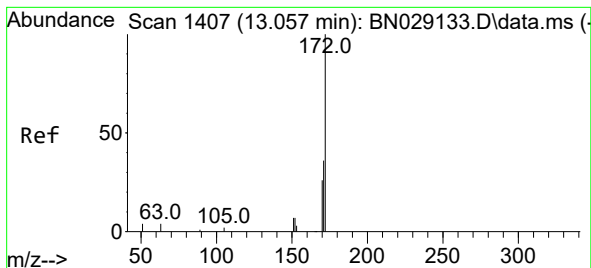
Tgt Ion:164 Resp: 54769
Ion Ratio Lower Upper
164 100
162 111.6 85.0 127.4
160 53.5 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.136 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Tgt Ion:330 Resp: 130
Ion Ratio Lower Upper
330 100
332 90.8 83.4 125.0
141 50.0 43.8 65.8





#15

2-Fluorobiphenyl

Concen: 0.221 ng

RT: 13.057 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

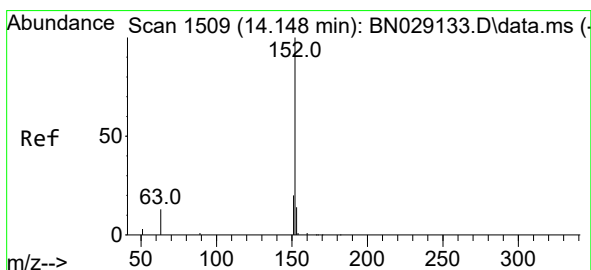
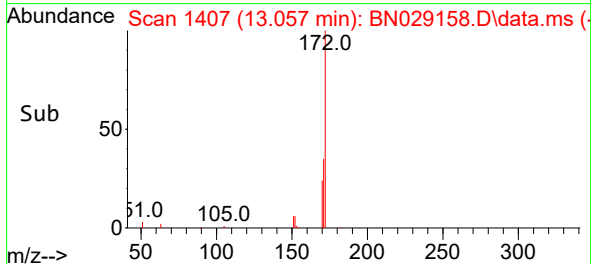
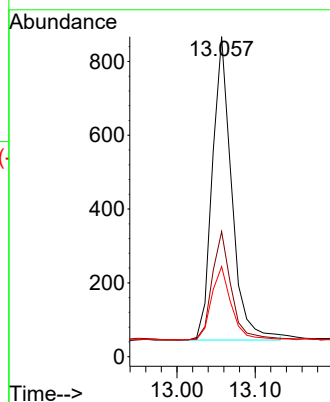
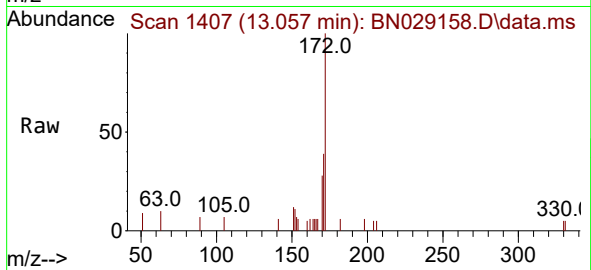
Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS

Tgt Ion:	172	Resp:	1414
Ion Ratio	Lower	Upper	
172	100		
171	39.1	32.2	48.4
170	28.1	25.0	37.4



#16

Acenaphthylene

Concen: 0.267 ng

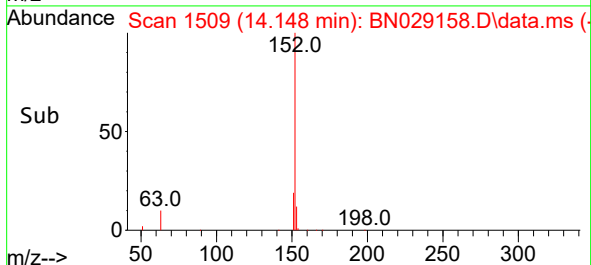
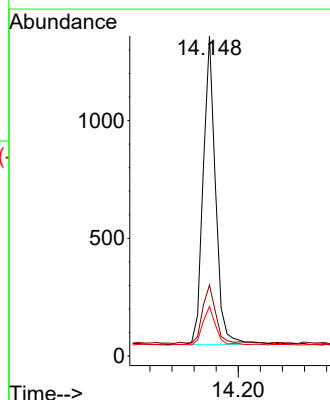
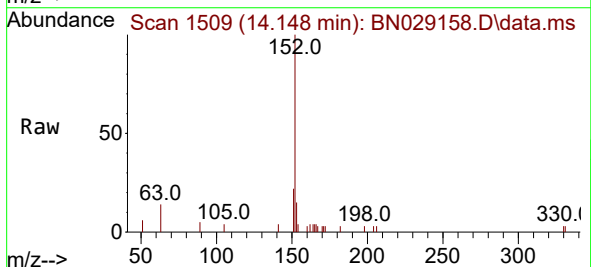
RT: 14.148 min Scan# 1509

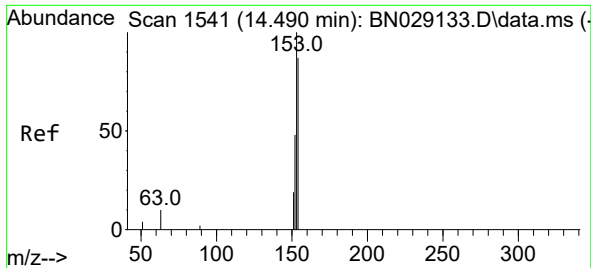
Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Tgt Ion:	152	Resp:	2058
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.7	10.1	15.1

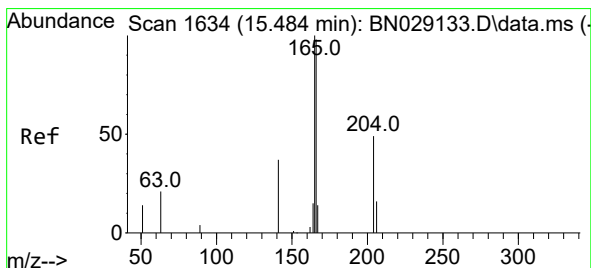
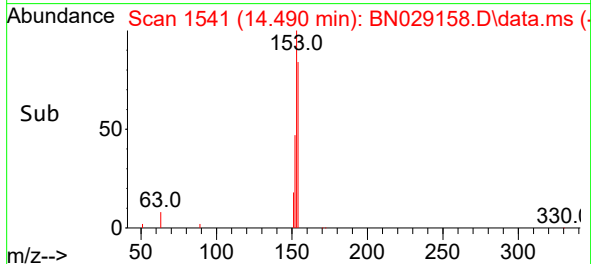
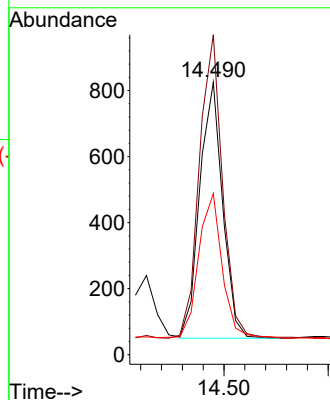
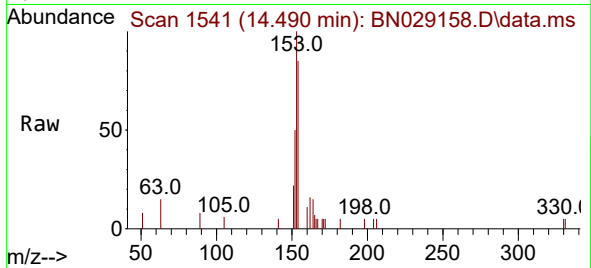




#17
Acenaphthene
Concen: 0.255 ng
RT: 14.490 min Scan# 1541
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

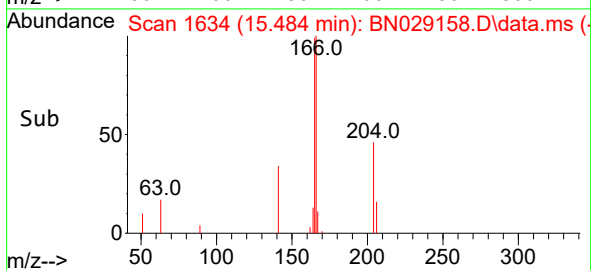
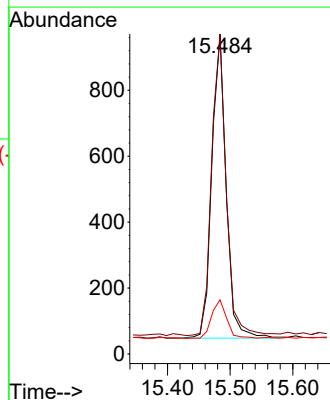
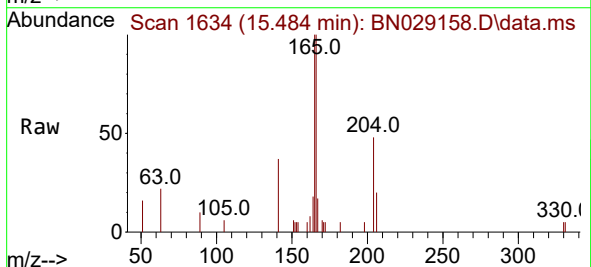
Instrument : BNA_N
ClientSampleId : TT-FRACSEDIMENT-IDWSO-20231207MS

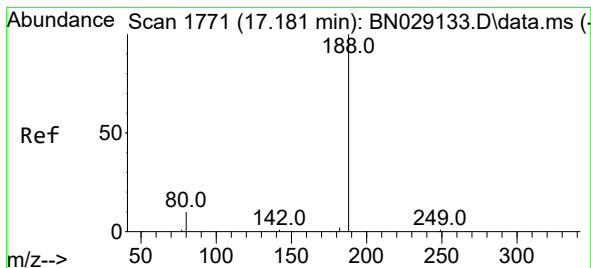
Tgt Ion:	154	Resp:	1181
Ion	Ratio	Lower	Upper
154	100		
153	122.3	99.9	149.9
152	58.3	47.4	71.2



#18
Fluorene
Concen: 0.251 ng
RT: 15.484 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Tgt Ion:	166	Resp:	1564
Ion	Ratio	Lower	Upper
166	100		
165	101.2	83.4	125.0
167	13.8	11.8	17.8





#19

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS

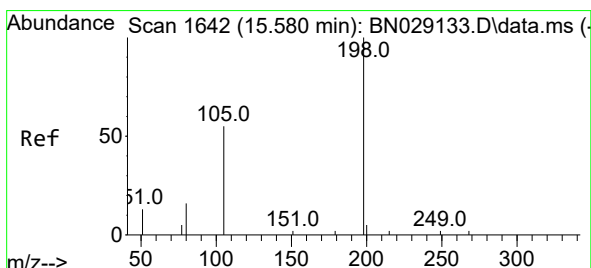
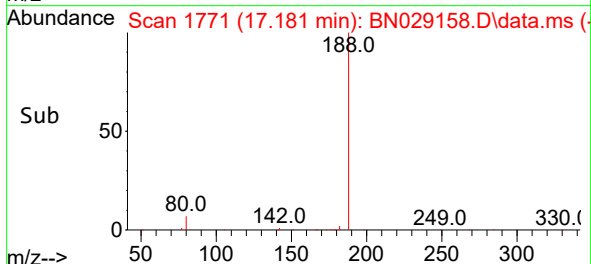
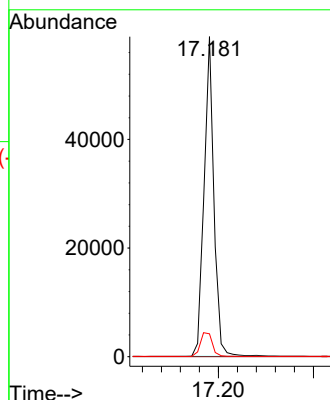
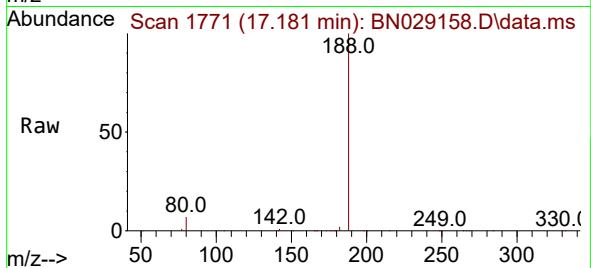
Tgt Ion:188 Resp: 85162

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 13.7 20.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 3.251 ng

RT: 15.580 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

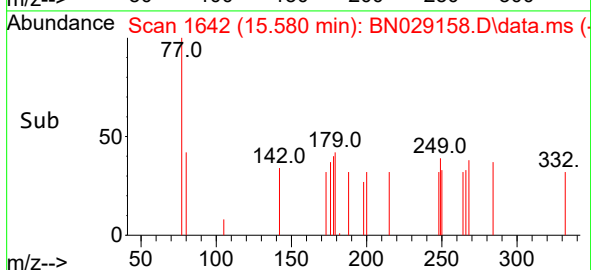
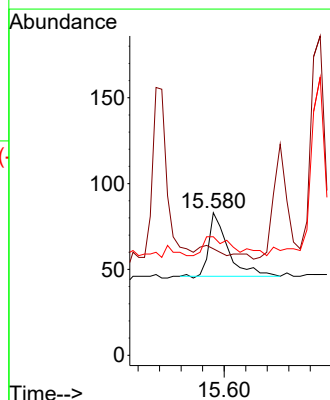
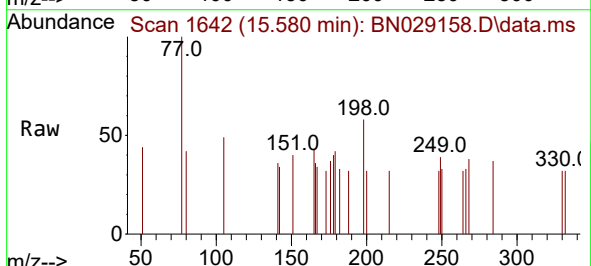
Tgt Ion:198 Resp: 91

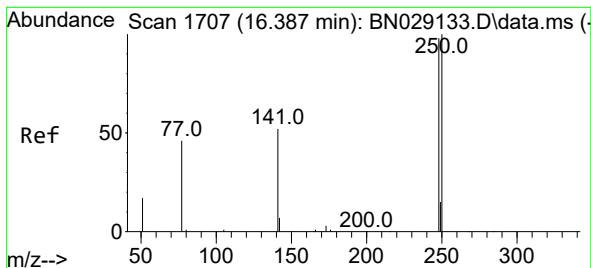
Ion Ratio Lower Upper

198 100

51 74.7 53.6 80.4

105 83.1 65.6 98.4

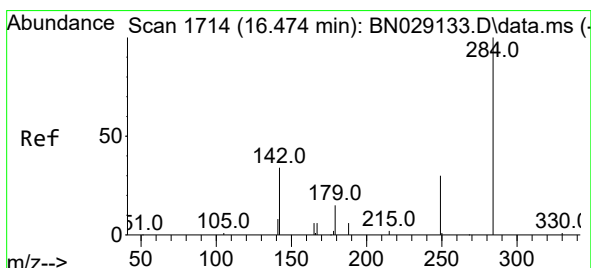
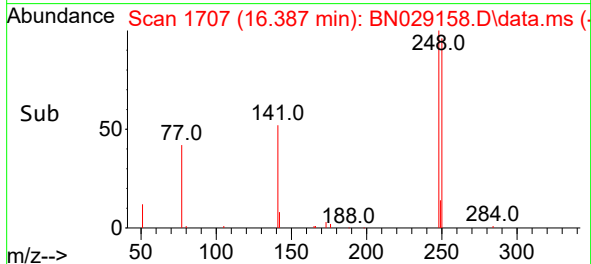
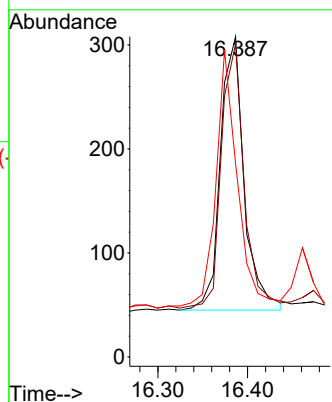
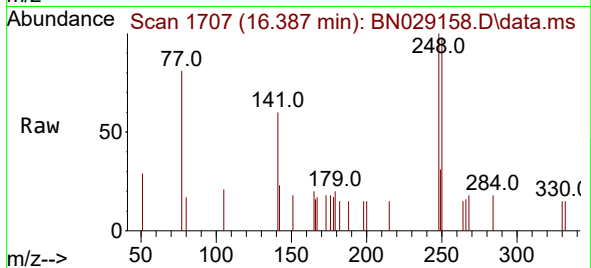




#21
4-Bromophenyl-phenylether
Concen: 0.275 ng
RT: 16.387 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

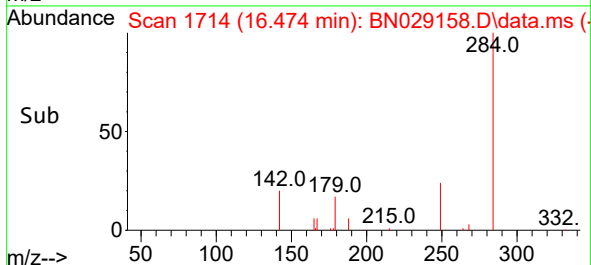
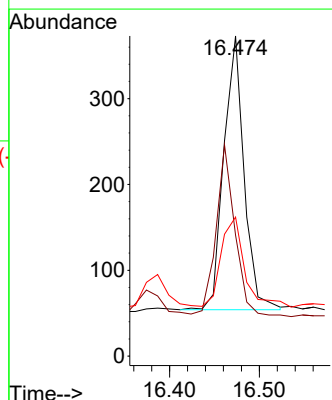
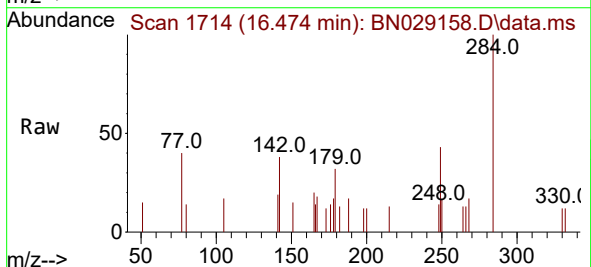
Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207MS

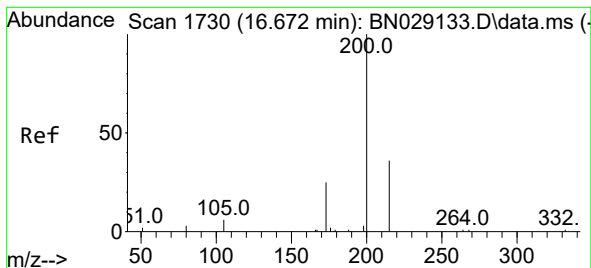
Tgt Ion:	248	Resp:	484
Ion	Ratio	Lower	Upper
248	100		
250	97.7	82.2	123.2
141	60.4	49.7	74.5



#22
Hexachlorobenzene
Concen: 0.244 ng
RT: 16.474 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Tgt Ion:	284	Resp:	500
Ion	Ratio	Lower	Upper
284	100		
142	56.6	46.9	70.3
249	37.0	28.6	43.0





#23

Atrazine

Concen: 0.254 ng

RT: 16.672 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

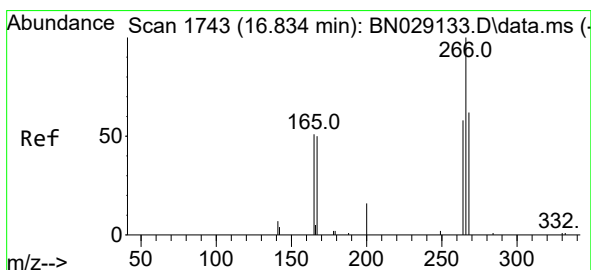
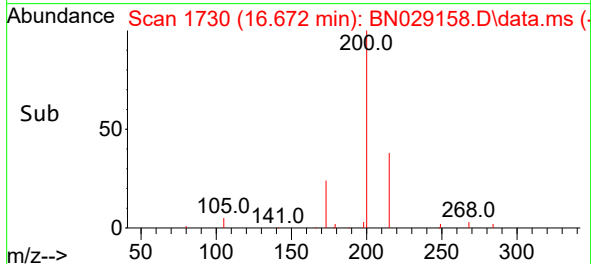
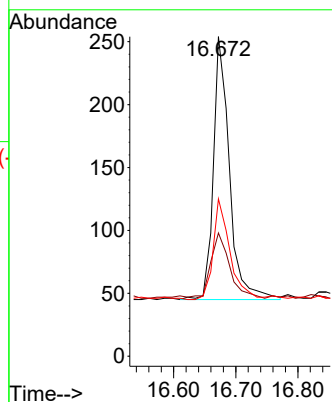
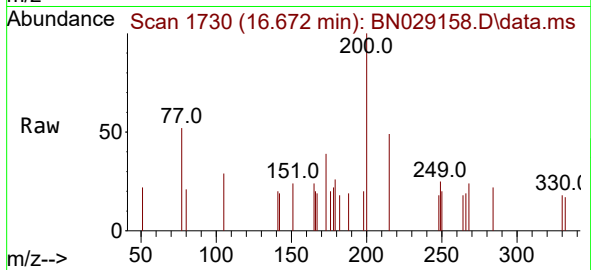
Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS

Tgt Ion:	200	Resp:	375
Ion Ratio	Lower	Upper	
200	100		
173	38.6	31.4	47.2
215	49.2	38.5	57.7



#24

Pentachlorophenol

Concen: 0.049 ng

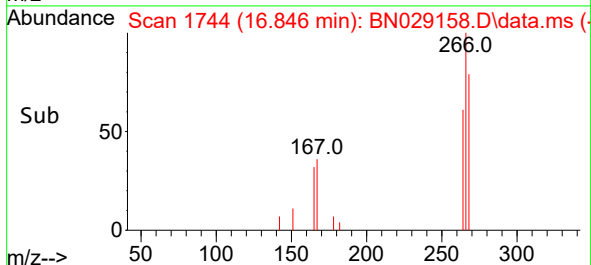
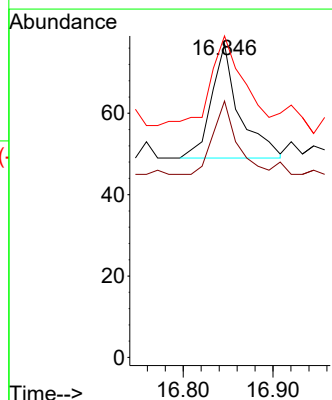
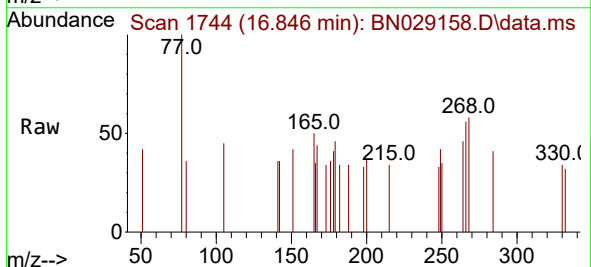
RT: 16.846 min Scan# 1744

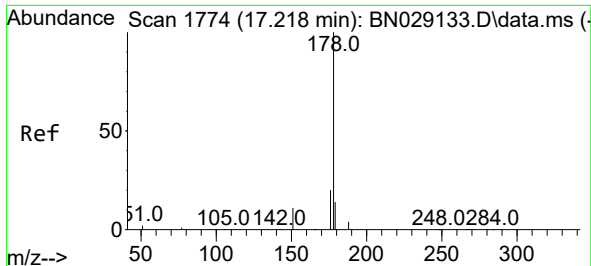
Delta R.T. 0.012 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Tgt Ion:	266	Resp:	60
Ion Ratio	Lower	Upper	
266	100		
264	60.0	45.0	67.6
268	90.0	55.5	83.3

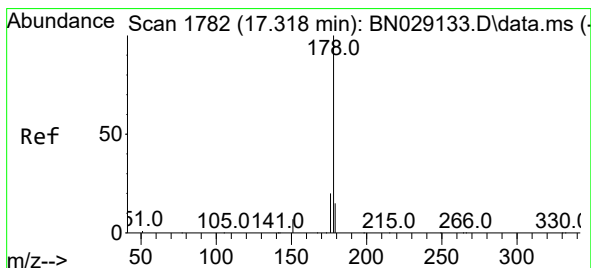
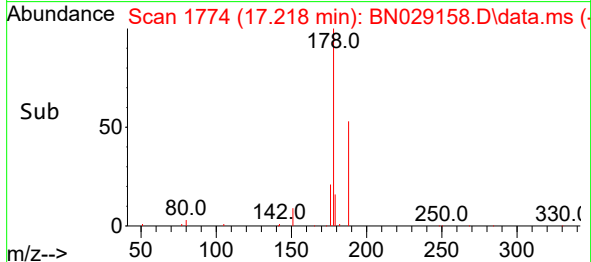
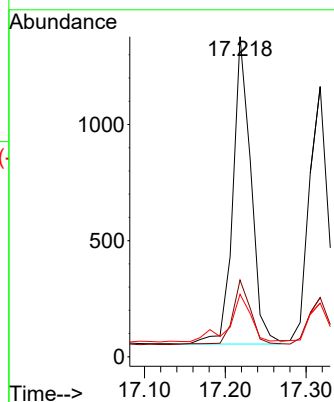
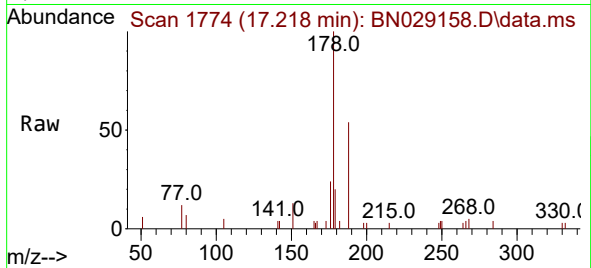




#25
Phenanthrene
Concen: 0.293 ng
RT: 17.218 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

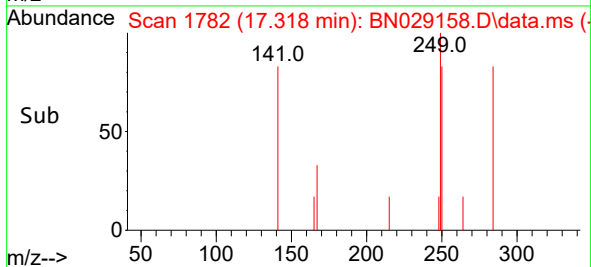
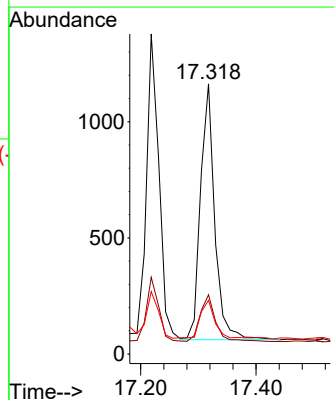
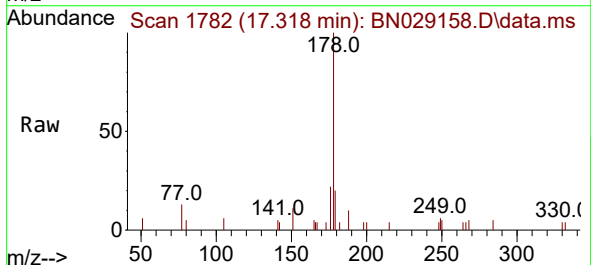
Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207MS

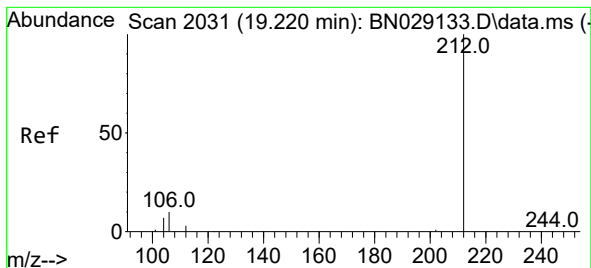
Tgt Ion:178 Resp: 2056
Ion Ratio Lower Upper
178 100
176 20.6 17.4 26.0
179 19.2 13.7 20.5



#26
Anthracene
Concen: 0.279 ng
RT: 17.318 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Tgt Ion:178 Resp: 1892
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.0 11.4 17.0





#27

Fluoranthene-d10

Concen: 0.157 ng

RT: 19.220 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS

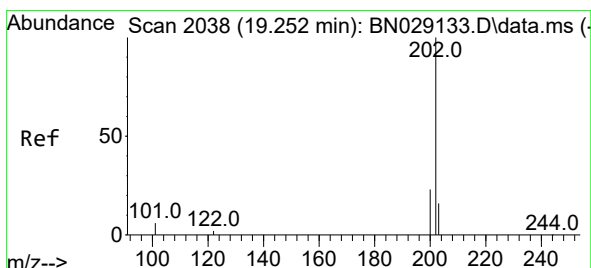
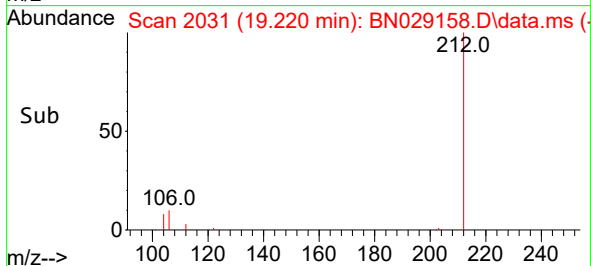
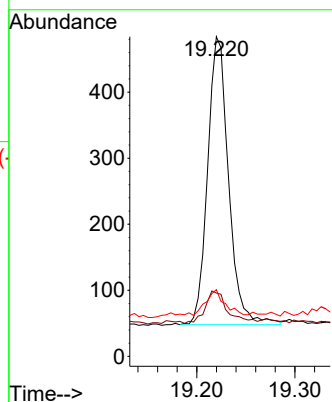
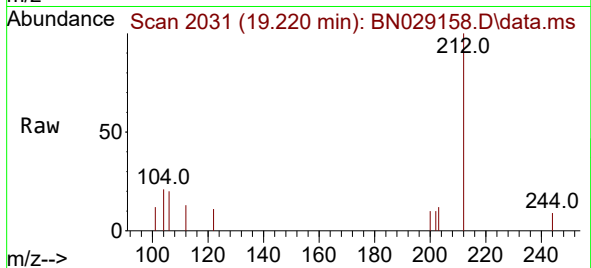
Tgt Ion:212 Resp: 647

Ion Ratio Lower Upper

212 100

106 12.2 9.6 14.4

104 8.5 6.5 9.7



#28

Fluoranthene

Concen: 0.219 ng

RT: 19.252 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

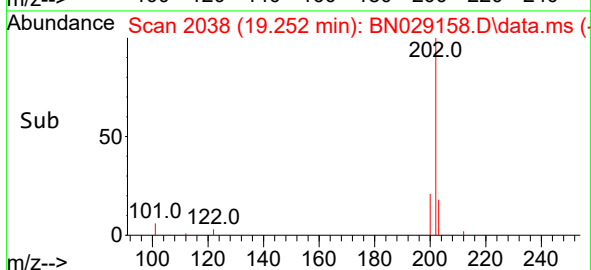
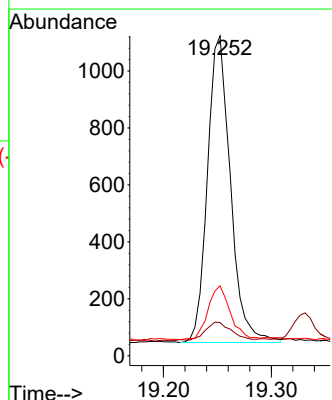
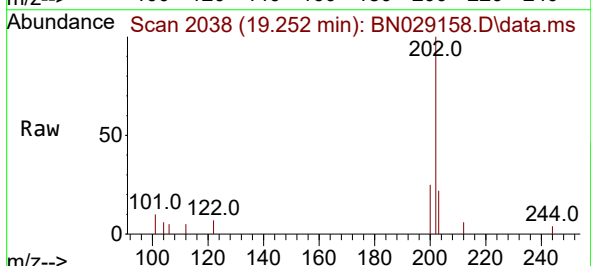
Tgt Ion:202 Resp: 1591

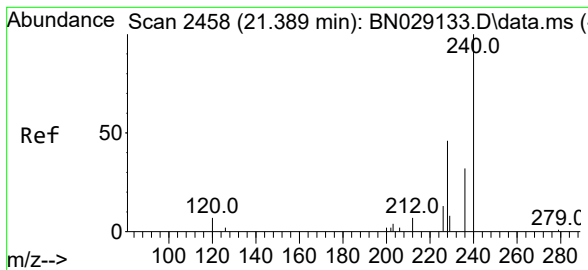
Ion Ratio Lower Upper

202 100

101 7.2 5.3 7.9

203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 20.000 ng

RT: 21.385 min Scan# 2458

Delta R.T. -0.004 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS

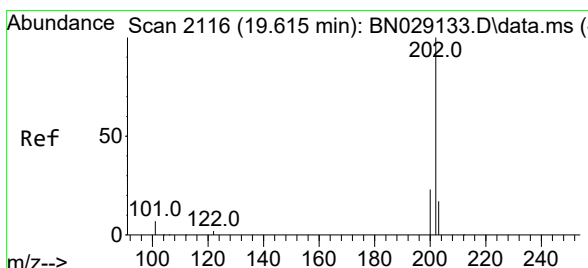
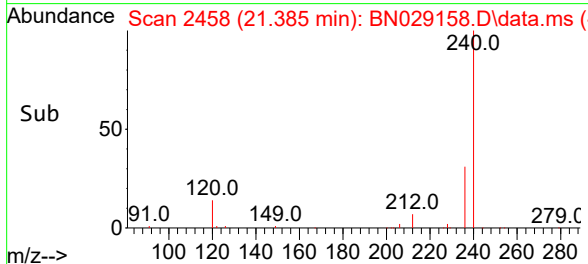
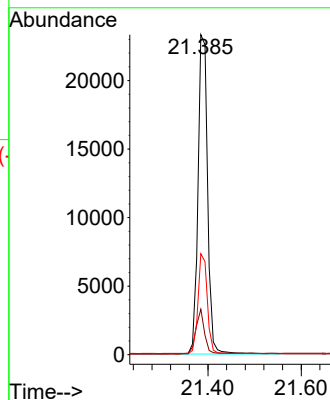
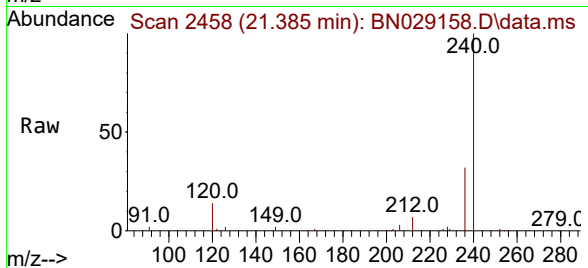
Tgt Ion:240 Resp: 33368

Ion Ratio Lower Upper

240 100

120 14.2 21.4 32.0#

236 31.6 33.5 50.3#



#30

Pyrene

Concen: 0.302 ng

RT: 19.615 min Scan# 2116

Delta R.T. -0.000 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

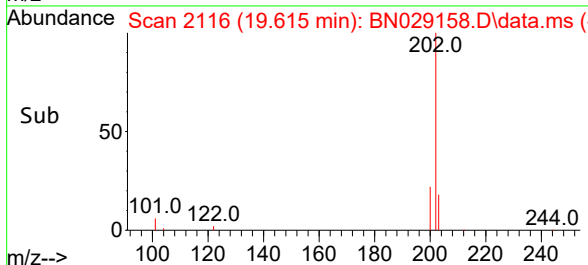
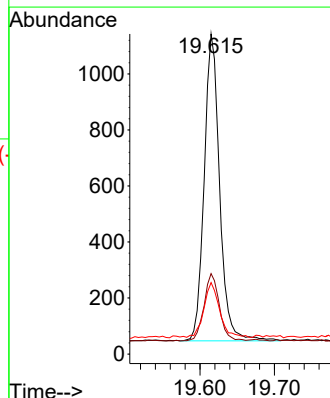
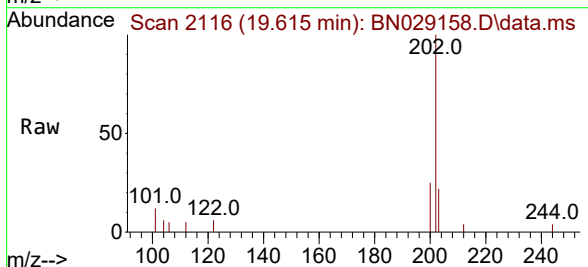
Tgt Ion:202 Resp: 1586

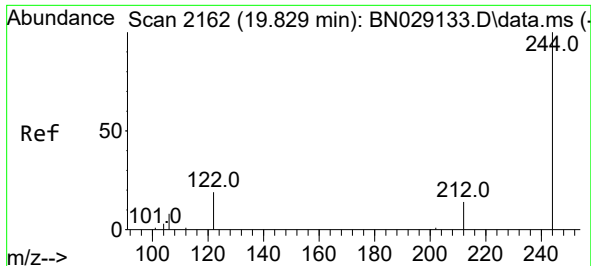
Ion Ratio Lower Upper

202 100

200 21.7 18.0 27.0

203 18.0 15.1 22.7

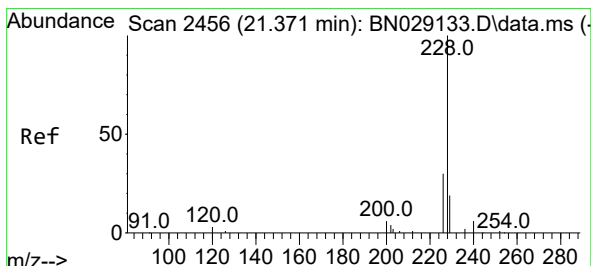
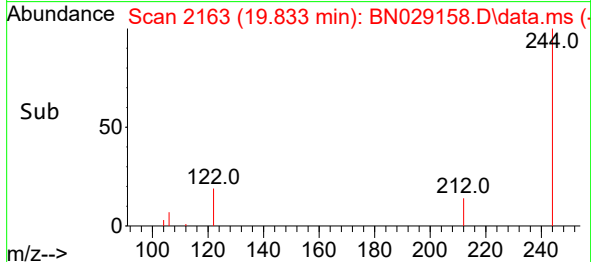
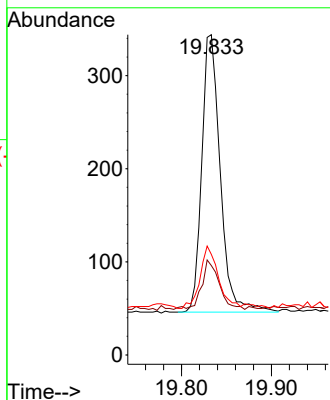
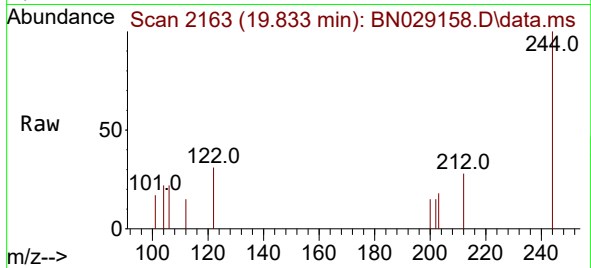




#31
Terphenyl-d14
Concen: 0.233 ng
RT: 19.833 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

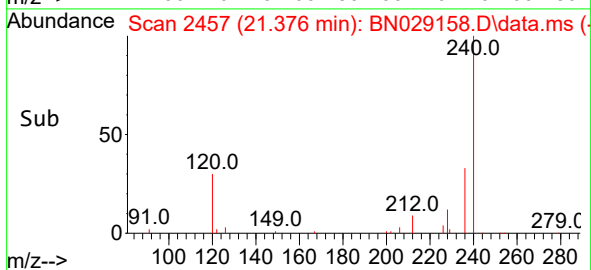
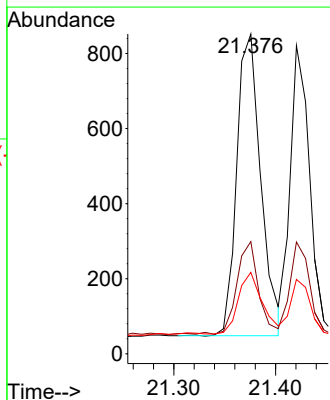
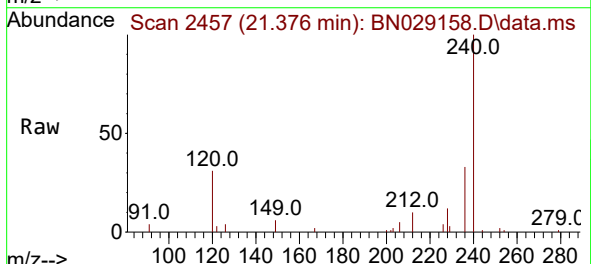
Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207MS

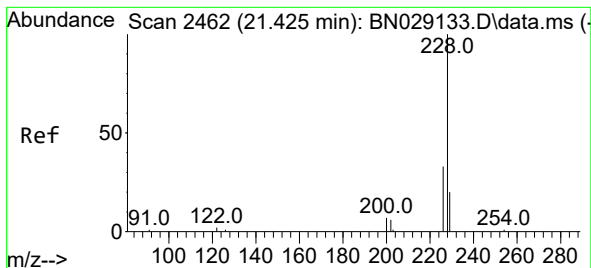
Tgt Ion:244 Resp: 427
Ion Ratio Lower Upper
244 100
212 27.9 19.0 28.6
122 31.4 22.5 33.7



#32
Benzo(a)anthracene
Concen: 0.360 ng
RT: 21.376 min Scan# 2457
Delta R.T. 0.005 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Tgt Ion:228 Resp: 1321
Ion Ratio Lower Upper
228 100
226 35.1 27.6 41.4
229 25.5 19.4 29.0





#33

Chrysene

Concen: 0.288 ng

RT: 21.420 min Scan# 2462

Delta R.T. -0.004 min

Lab File: BN029158.D

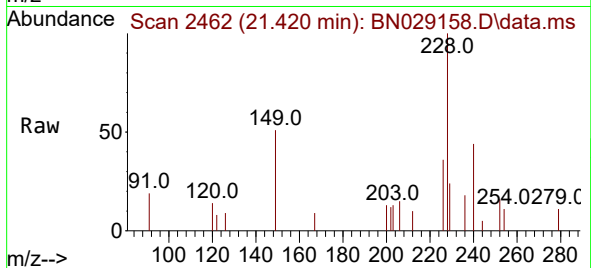
Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS



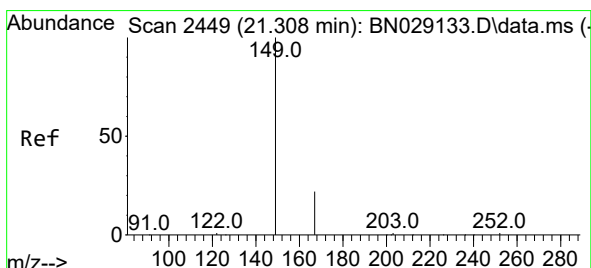
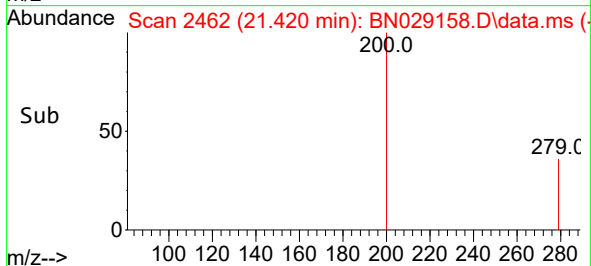
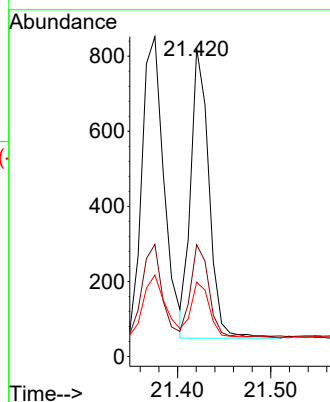
Tgt Ion:228 Resp: 1046

Ion Ratio Lower Upper

228 100

226 36.3 29.2 43.8

229 24.1 19.3 28.9



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.313 min Scan# 2450

Delta R.T. 0.005 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

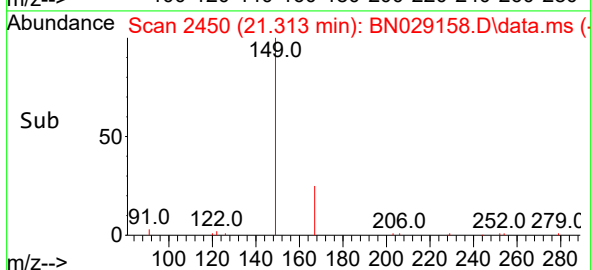
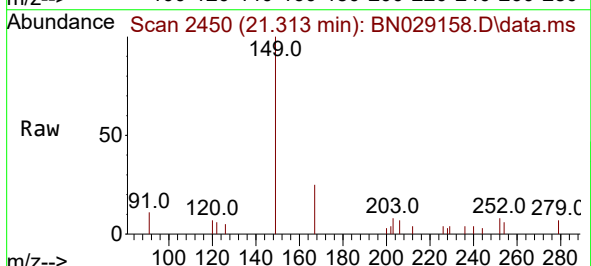
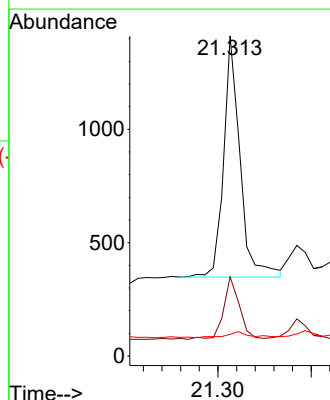
Tgt Ion:149 Resp: 1295

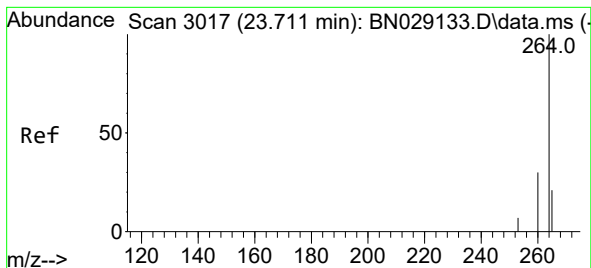
Ion Ratio Lower Upper

149 100

167 24.6 20.2 30.2

279 3.6 2.5 3.7





#35

Perylene-d12

Concen: 20.000 ng

RT: 23.712 min Scan# 3017

Delta R.T. 0.001 min

Lab File: BN029158.D

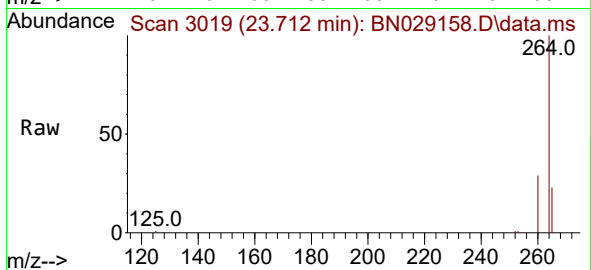
Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS



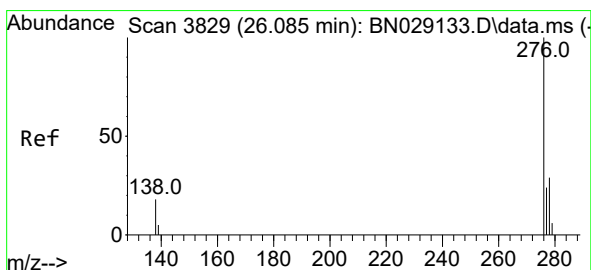
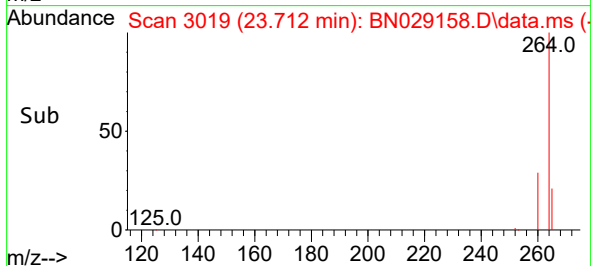
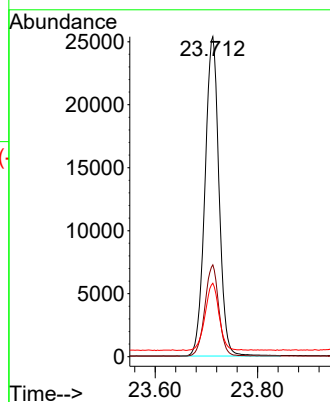
Tgt Ion:264 Resp: 48322

Ion Ratio Lower Upper

264 100

260 28.7 31.0 46.6#

265 22.9 105.3 157.9#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.306 ng

RT: 26.081 min Scan# 3829

Delta R.T. -0.004 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

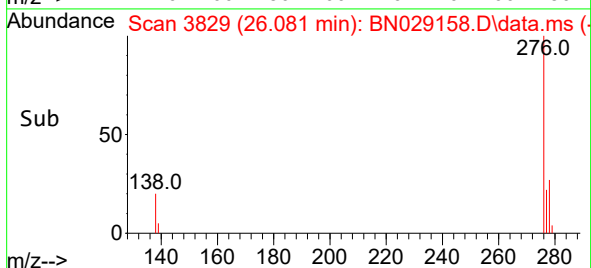
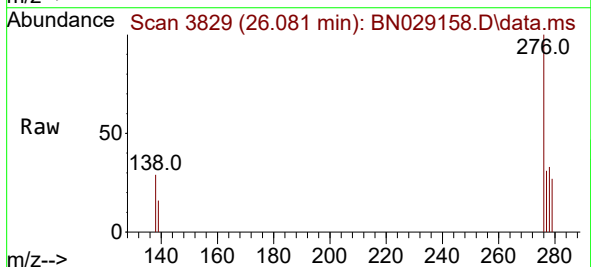
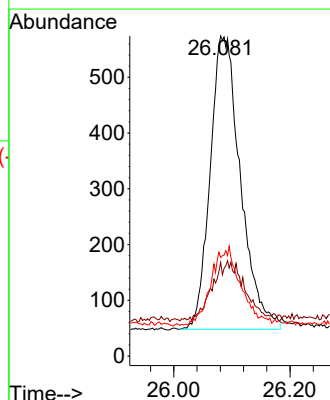
Tgt Ion:276 Resp: 1906

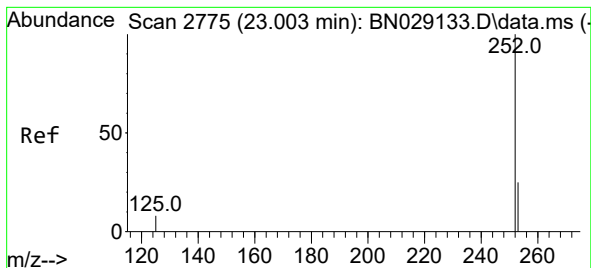
Ion Ratio Lower Upper

276 100

138 7.6 7.8 11.6#

277 9.7 9.2 13.8





#37

Benzo(b)fluoranthene

Concen: 0.263 ng

RT: 23.011 min Scan# 21

Delta R.T. 0.007 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

Instrument :

BNA_N

ClientSampleId :

TT-FRACSEDIMENT-IDWSO-20231207MS

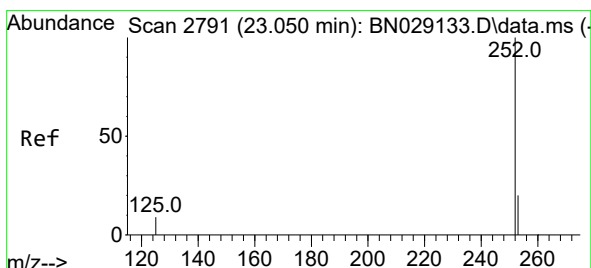
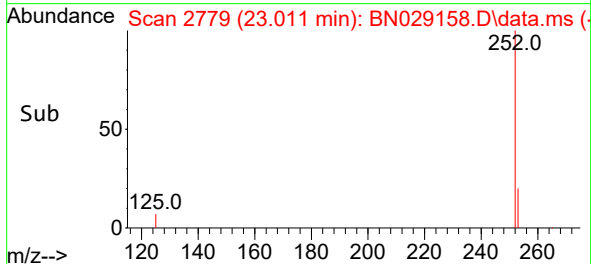
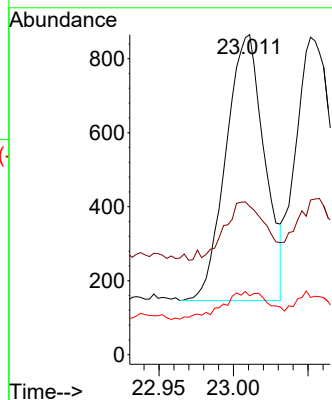
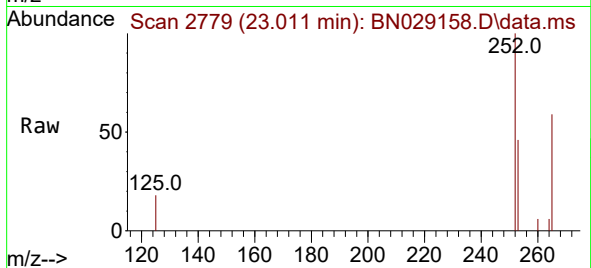
Tgt Ion:252 Resp: 1293

Ion Ratio Lower Upper

252 100

253 46.4 36.0 54.0

125 18.4 14.6 21.8



#38

Benzo(k)fluoranthene

Concen: 0.253 ng

RT: 23.052 min Scan# 2793

Delta R.T. 0.001 min

Lab File: BN029158.D

Acq: 21 Dec 2023 19:44

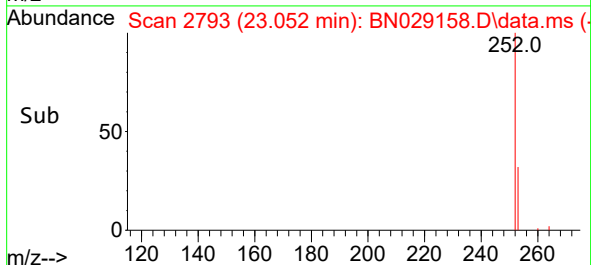
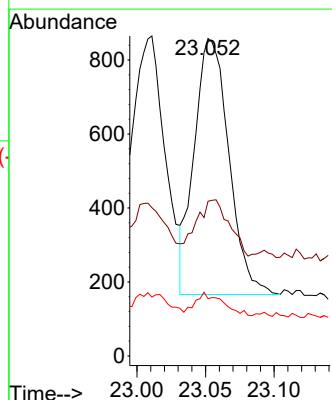
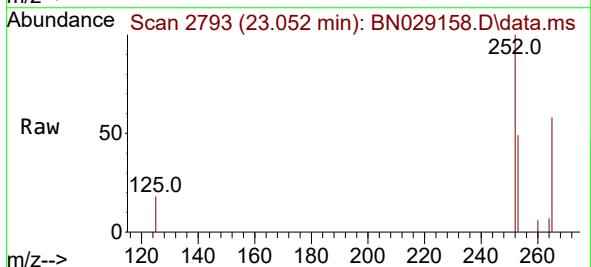
Tgt Ion:252 Resp: 1218

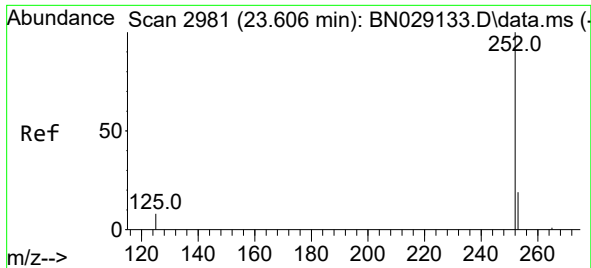
Ion Ratio Lower Upper

252 100

253 48.7 35.0 52.6

125 18.1 14.6 21.8

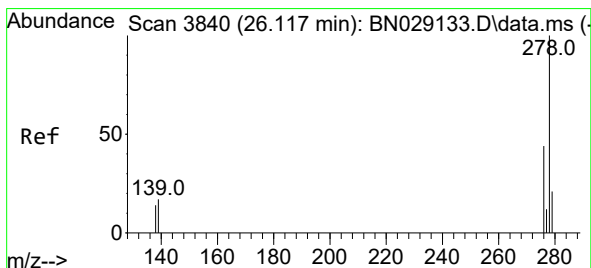
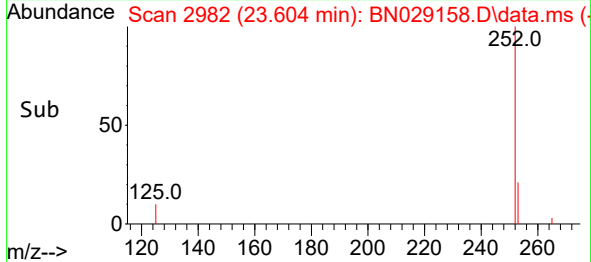
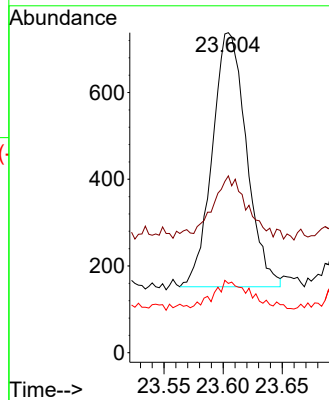
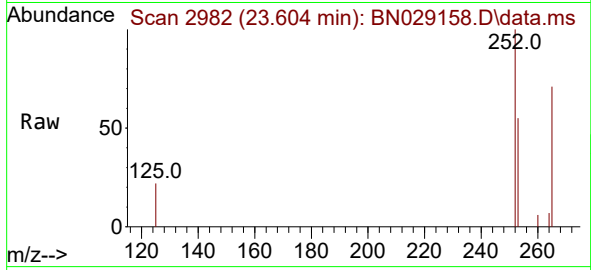




#39
Benzo(a)pyrene
Concen: 0.269 ng
RT: 23.604 min Scan# 2981
Delta R.T. -0.001 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

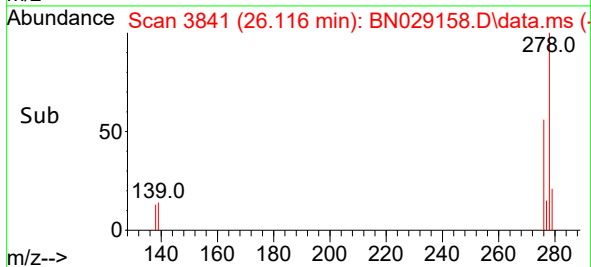
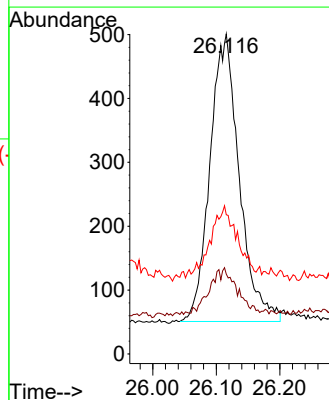
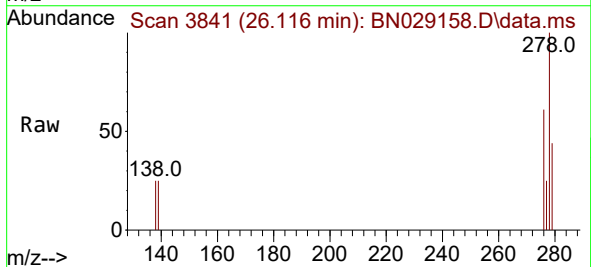
Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207MS

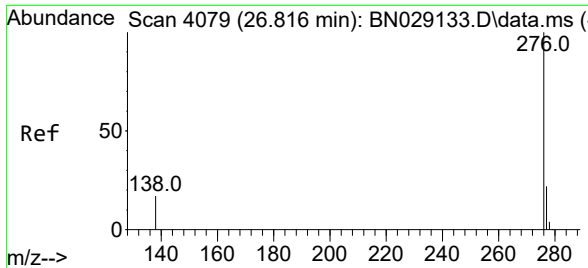
Tgt Ion:252 Resp: 1181
Ion Ratio Lower Upper
252 100
253 55.3 40.3 60.5
125 21.7 16.7 25.1



#40
Dibenzo(a,h)anthracene
Concen: 0.301 ng
RT: 26.116 min Scan# 3841
Delta R.T. -0.001 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

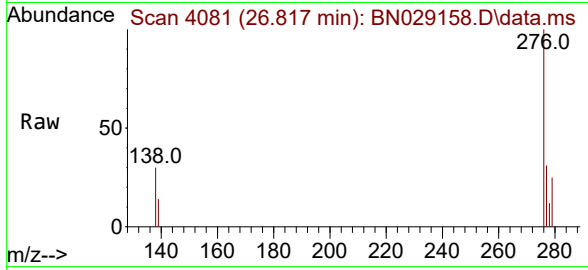
Tgt Ion:278 Resp: 1441
Ion Ratio Lower Upper
278 100
139 25.0 24.2 36.2
279 43.5 34.9 52.3





#41
Benzo(g,h,i)perylene
Concen: 0.290 ng
RT: 26.817 min Scan# 40
Delta R.T. 0.002 min
Lab File: BN029158.D
Acq: 21 Dec 2023 19:44

Instrument :
BNA_N
ClientSampleId :
TT-FRACSEDIMENT-IDWSO-20231207MS



Tgt Ion:276 Resp: 1529
Ion Ratio Lower Upper
276 100
277 31.2 25.5 38.3
138 29.8 22.9 34.3

