

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053123\
 Data File : BF133538.D
 Acq On : 31 May 2023 14:38
 Operator : CG\JU
 Sample : 02972-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11-0A

Quant Time: May 31 15:21:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 12:58:40 2023
 Response via : Initial Calibration

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

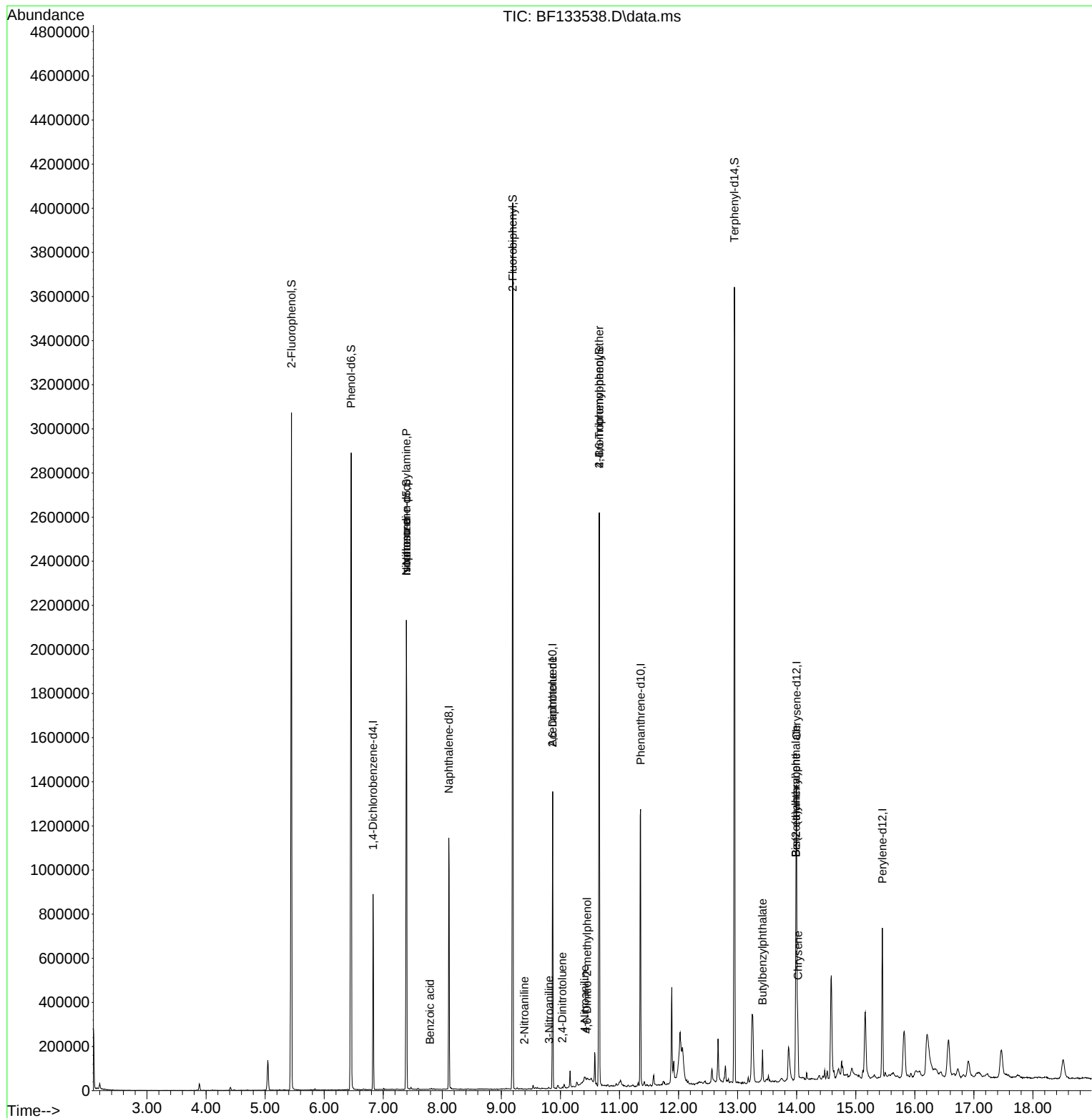
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	117262	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	463128	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	233032	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	476693	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	334452	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	284359	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	819141	116.551	ng	0.00
7) Phenol-d6	6.457	99	1009578	116.691	ng	0.00
23) Nitrobenzene-d5	7.392	82	647875	93.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	302005	130.012	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1155080	76.504	ng	0.00
79) Terphenyl-d14	12.945	244	1371927	72.933	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	146	Below Cal		82
19) n-Nitroso-di-n-propyla...	7.392	70	89980	16.074 ng	#	81
25) Isophorone	7.392	82	647860	40.076 ng	#	65
32) Benzoic acid	7.792	122	600	7.461 ng		88
48) 2-Nitroaniline	9.392	65	1131	4.226 ng		98
51) 2,6-Dinitrotoluene	9.869	165	29951	12.563 ng	#	18
53) 3-Nitroaniline	9.810	138	964	3.410 ng	#	92
57) 2,4-Dinitrotoluene	10.033	165	1402	5.073 ng	#	75
62) 4-Nitroaniline	10.410	138	3204	3.749 ng		84
65) 4,6-Dinitro-2-methylph...	10.451	198	128	8.765 ng	#	3
67) 4-Bromophenyl-phenylether	10.657	248	18288	3.612 ng	#	1
80) Butylbenzylphthalate	13.421	149	33442	2.970 ng		96
81) Benzo(a)anthracene	13.986	228	58968	2.647 ng		98
83) Chrysene	14.021	228	57041	2.536 ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	57257	4.068 ng		99

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

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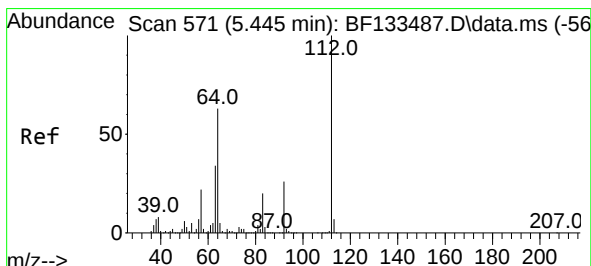
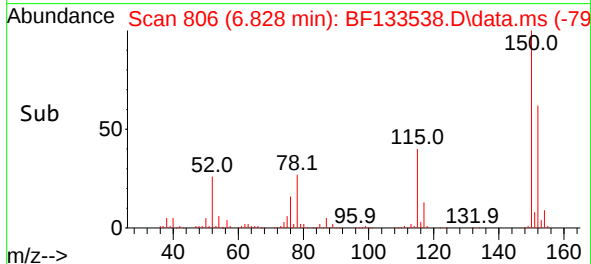
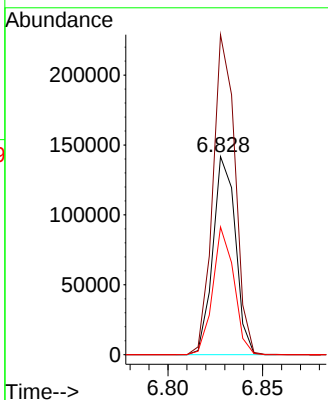
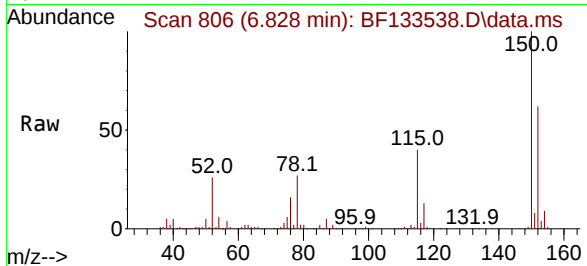




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

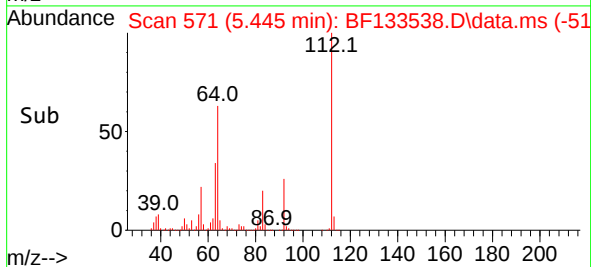
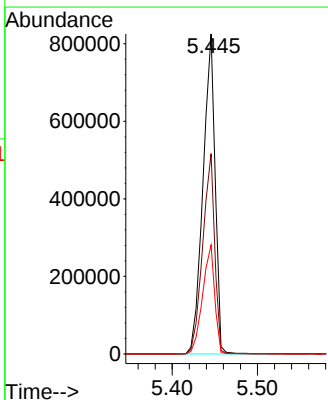
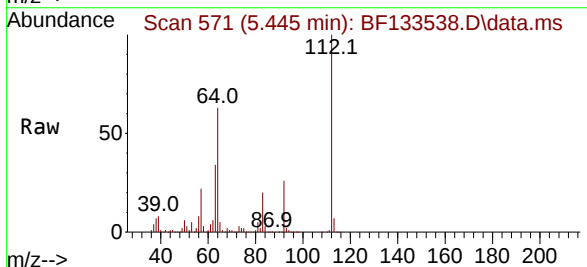
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

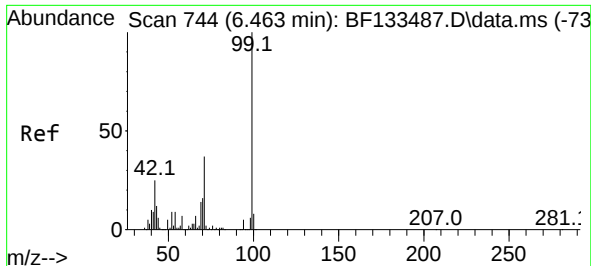
Tgt Ion:152 Resp: 117262
Ion Ratio Lower Upper
152 100
150 161.5 124.9 187.3
115 64.4 48.1 72.1



#5
2-Fluorophenol
Concen: 116.551 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:112 Resp: 819141
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 34.0 27.5 41.3

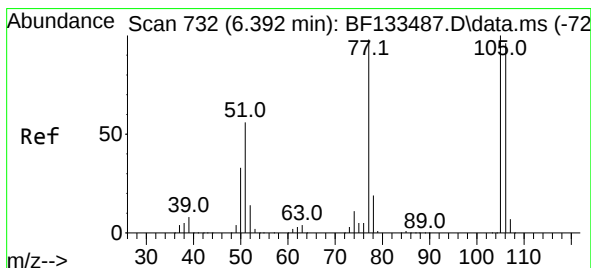
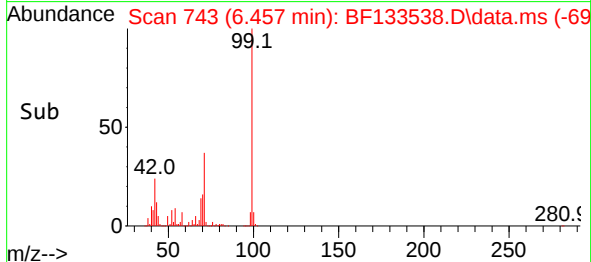
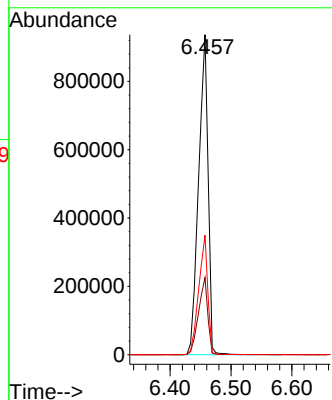
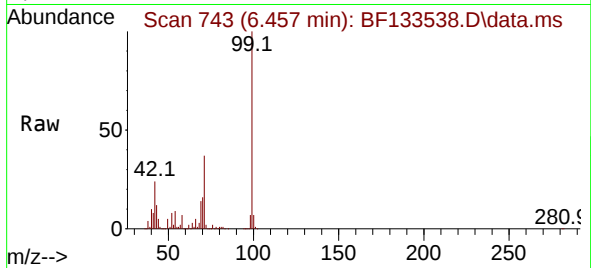




#7
Phenol-d6
Concen: 116.691 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

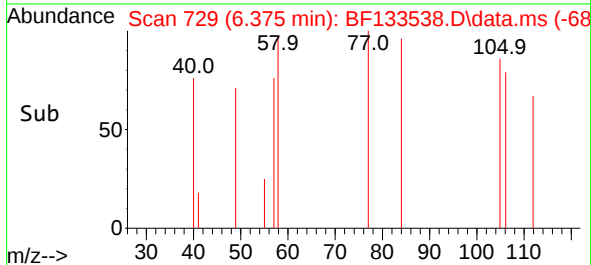
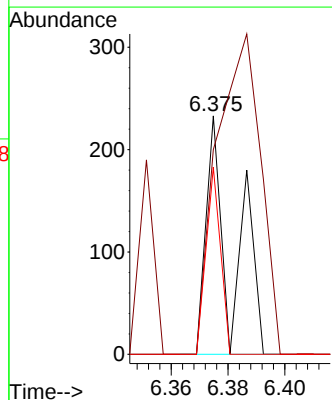
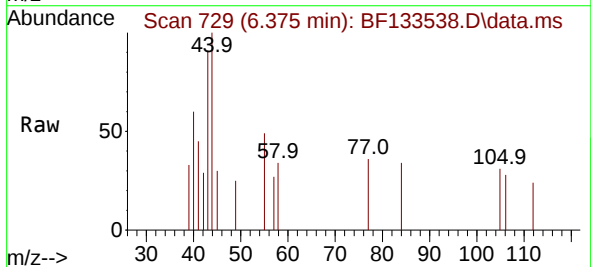
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

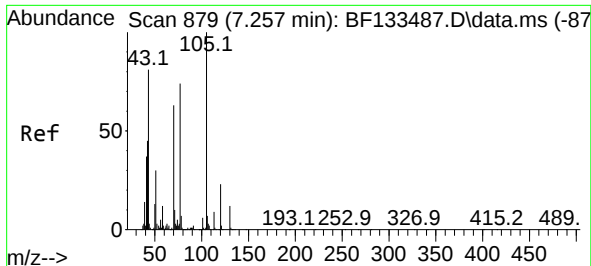
Tgt Ion: 99 Resp: 1009578
Ion Ratio Lower Upper
99 100
42 24.1 19.7 29.5
71 37.3 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion: 77 Resp: 146
Ion Ratio Lower Upper
77 100
105 85.8 81.9 121.9
106 78.5 77.8 117.8

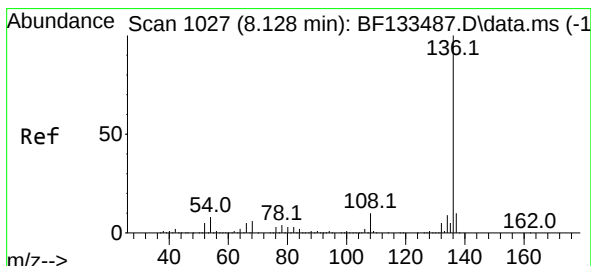
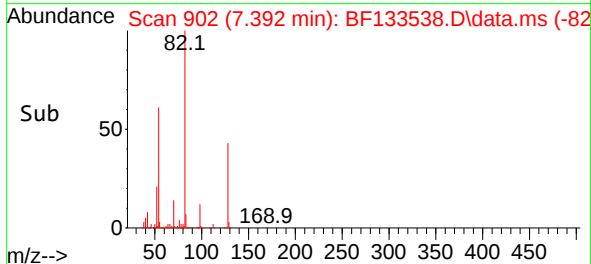
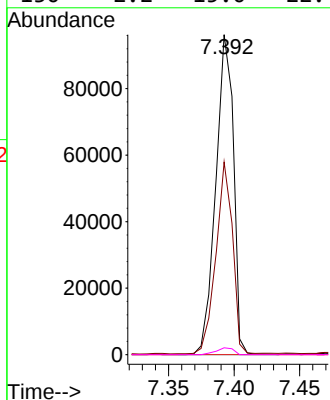
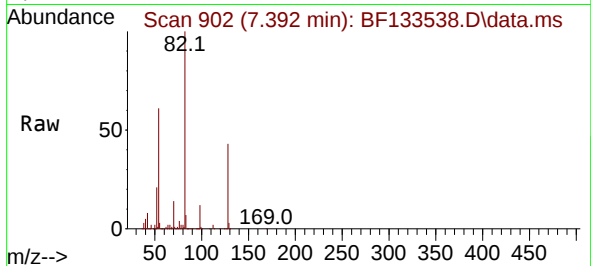




#19
n-Nitroso-di-n-propylamine
Concen: 16.074 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

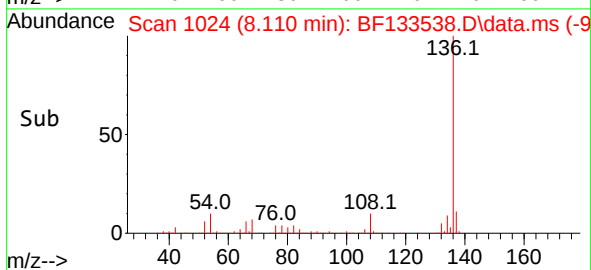
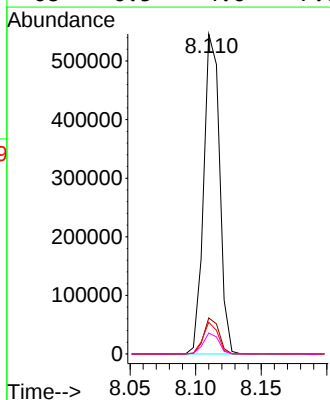
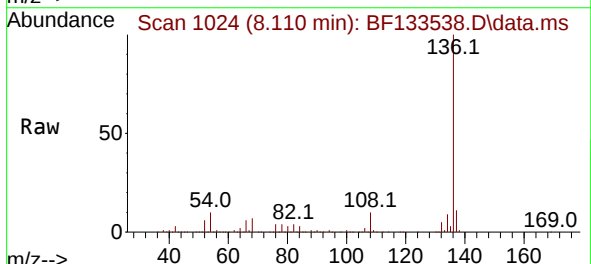
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

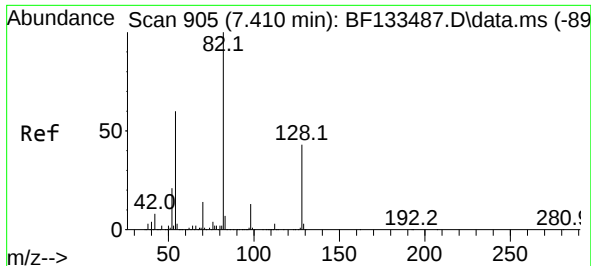
Tgt Ion:	70	Resp:	89980
Ion	Ratio	Lower	Upper
70	100		
42	60.2	57.2	85.8
101	0.0	7.3	10.9#
130	2.2	15.0	22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:	136	Resp:	463128
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.2	12.4
54	9.9	6.6	10.0
68	6.5	4.6	7.0





#23

Nitrobenzene-d5

Concen: 93.403 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

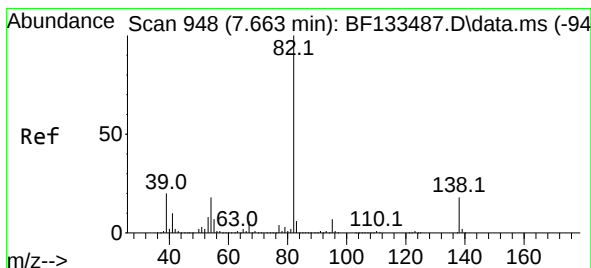
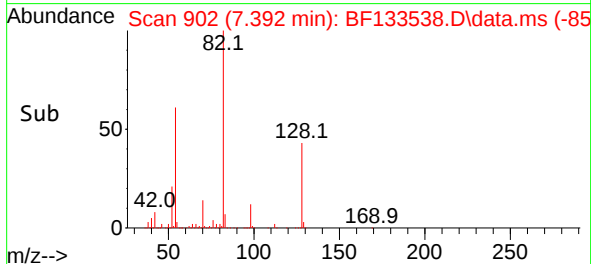
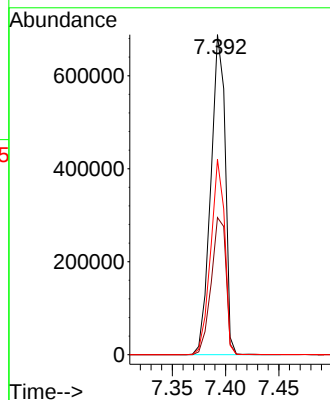
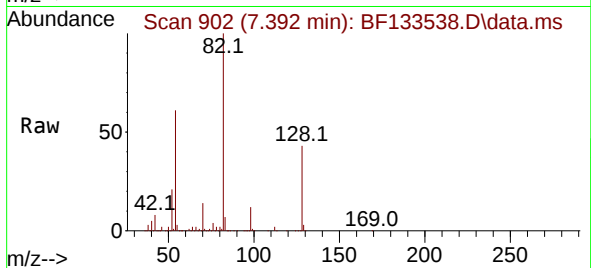
Tgt Ion: 82 Resp: 647875

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.4

54 61.0 48.2 72.4



#25

Isophorone

Concen: 40.076 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

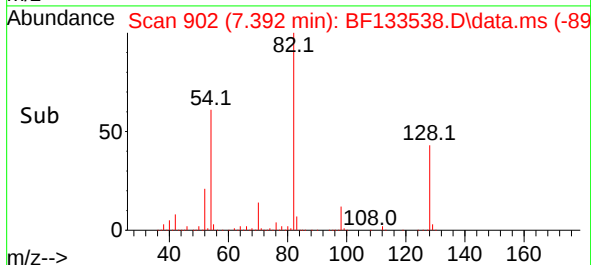
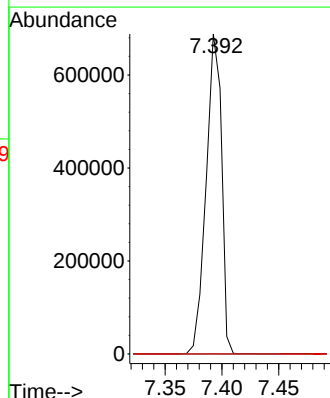
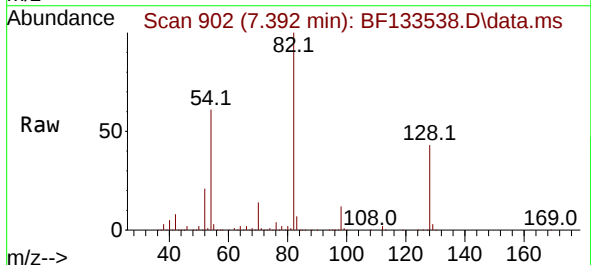
Tgt Ion: 82 Resp: 647860

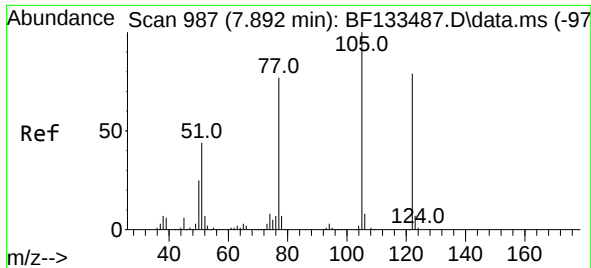
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

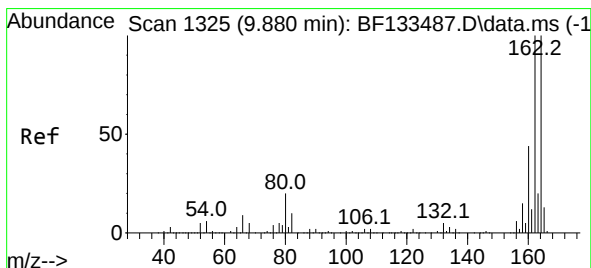
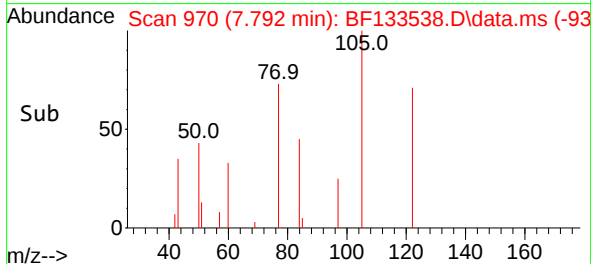
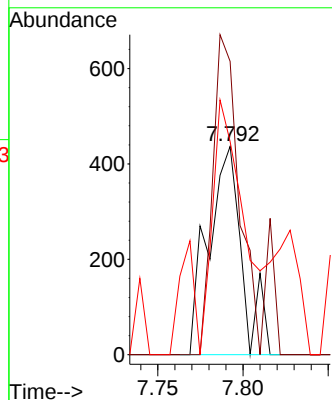
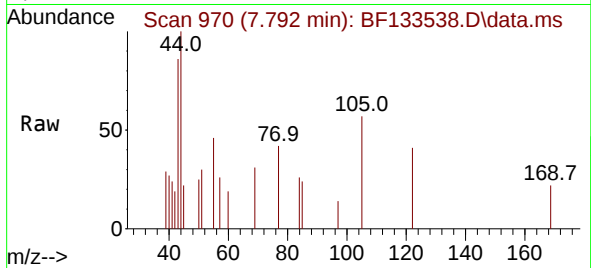




#32
Benzoic acid
Concen: 7.461 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.088 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

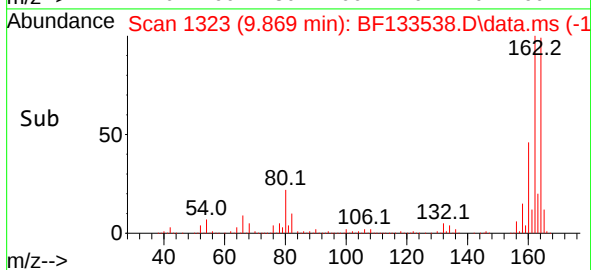
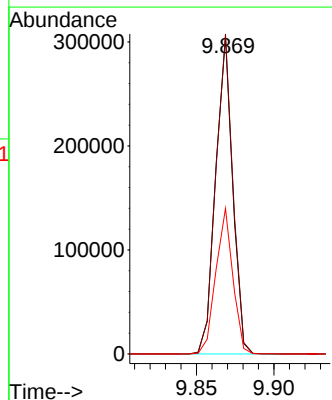
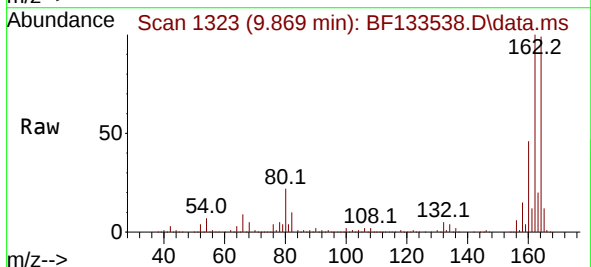
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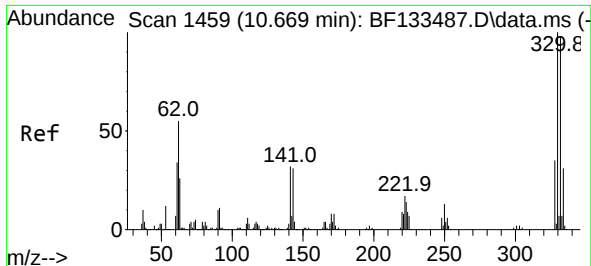
Tgt Ion:122 Resp: 600
Ion Ratio Lower Upper
122 100
105 140.7 103.3 143.3
77 102.3 75.7 115.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:164 Resp: 233032
Ion Ratio Lower Upper
164 100
162 100.9 79.7 119.5
160 45.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.012 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

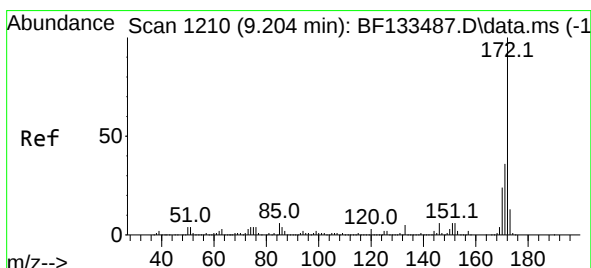
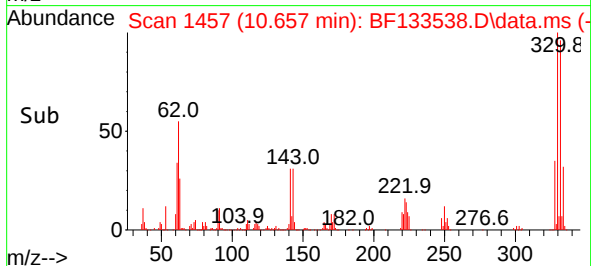
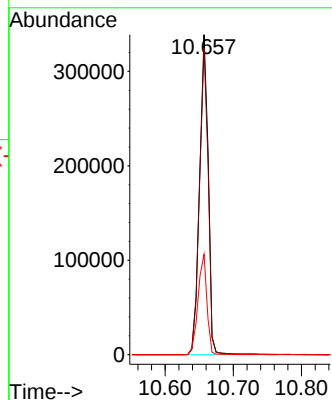
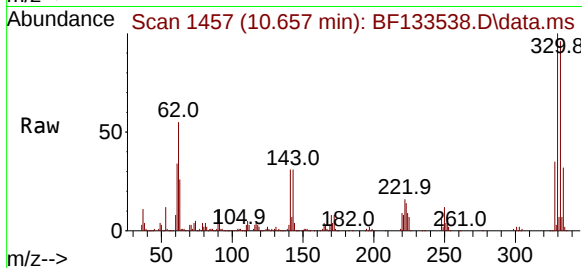
Tgt Ion:330 Resp: 302005

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

141 31.9 26.6 40.0



#45

2-Fluorobiphenyl

Concen: 76.504 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

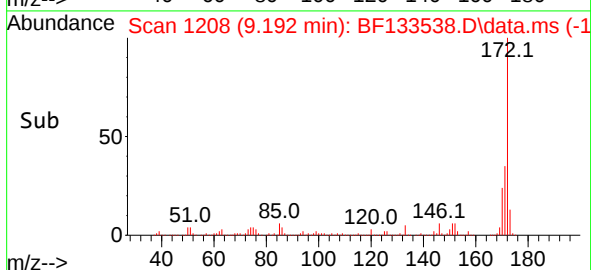
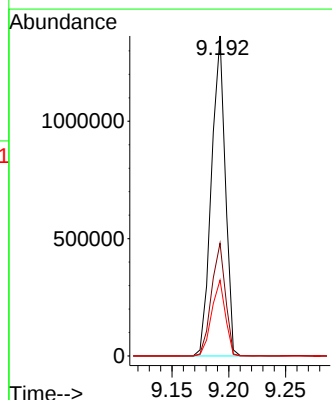
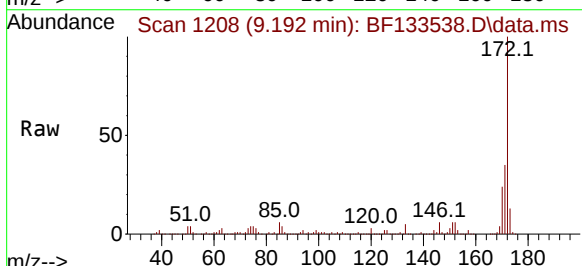
Tgt Ion:172 Resp: 1155080

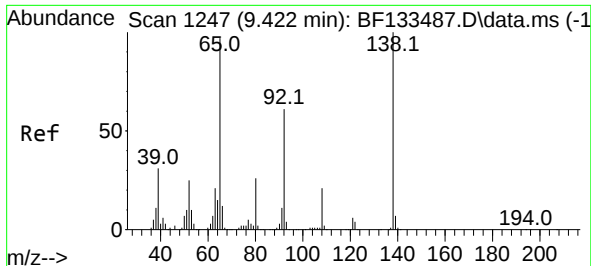
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.7 19.3 28.9

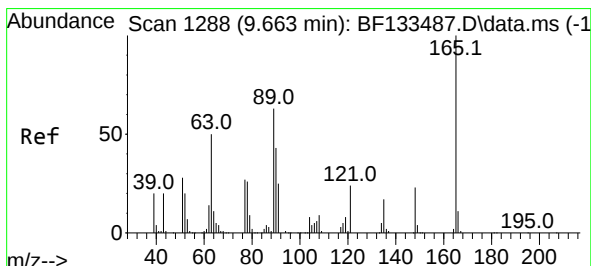
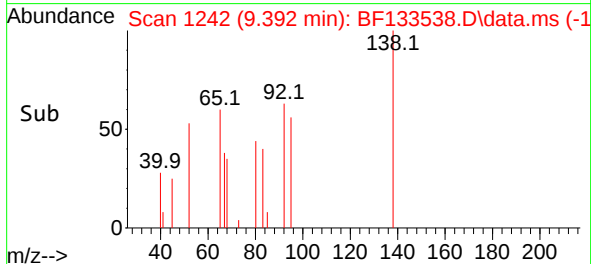
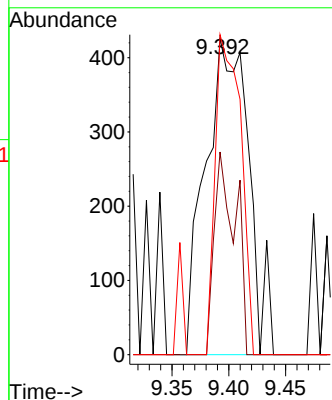
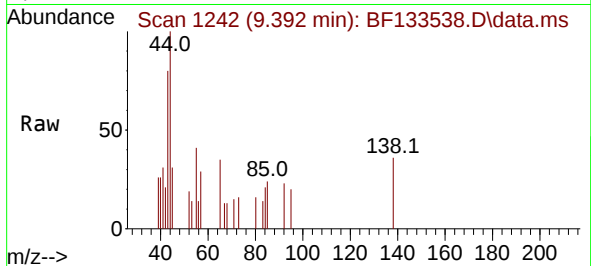




#48
2-Nitroaniline
Concen: 4.226 ng
RT: 9.392 min Scan# 1131
Delta R.T. -0.024 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

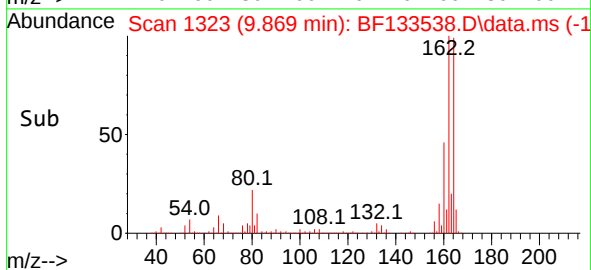
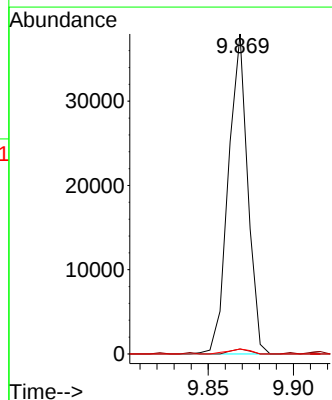
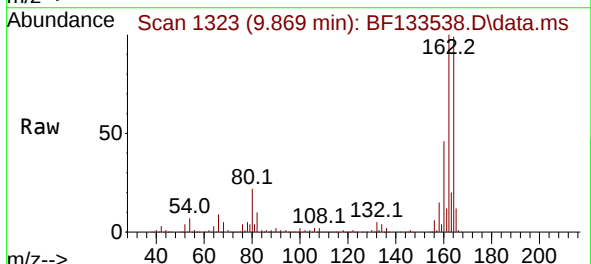
Instrument :
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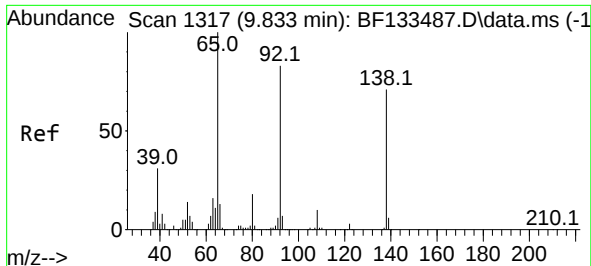
Tgt Ion: 65 Resp: 1131
Ion Ratio Lower Upper
65 100
92 64.1 50.8 76.2
138 101.2 82.6 124.0



#51
2,6-Dinitrotoluene
Concen: 12.563 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:165 Resp: 29951
Ion Ratio Lower Upper
165 100
63 1.5 57.0 85.4#
89 1.6 50.8 76.2#





#53

3-Nitroaniline

Concen: 3.410 ng

RT: 9.810 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

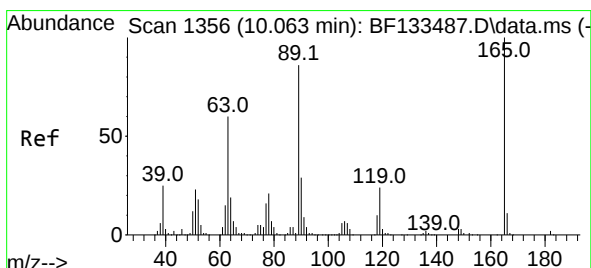
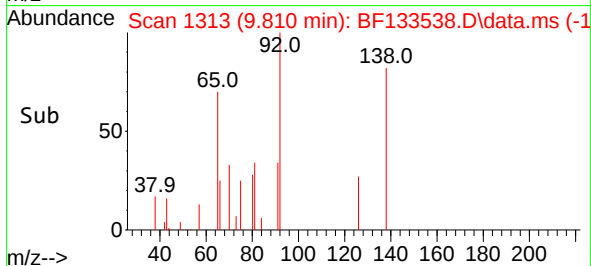
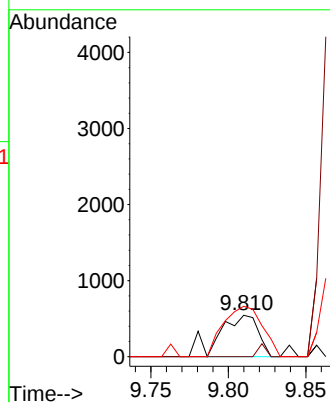
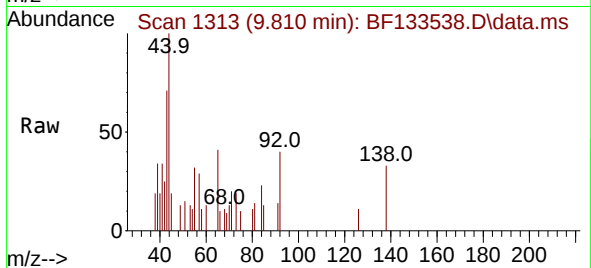
Tgt Ion:138 Resp: 964

Ion Ratio Lower Upper

138 100

108 0.0 11.9 17.9#

92 121.4 93.1 139.7



#57

2,4-Dinitrotoluene

Concen: 5.073 ng

RT: 10.033 min Scan# 1351

Delta R.T. -0.030 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Tgt Ion:165 Resp: 1402

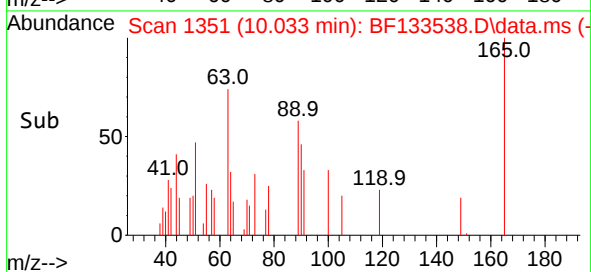
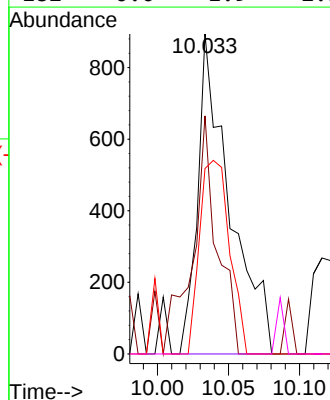
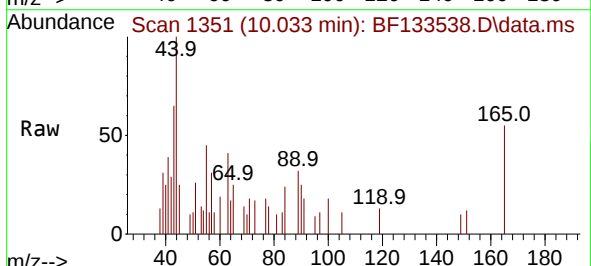
Ion Ratio Lower Upper

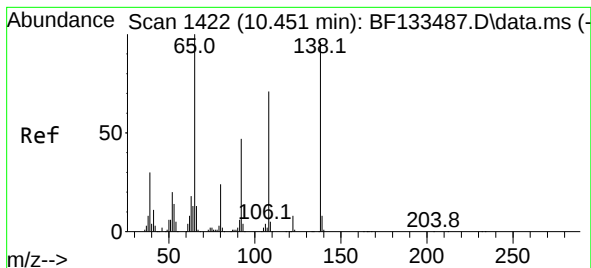
165 100

63 74.4 48.1 72.1#

89 57.9 68.4 102.6#

182 0.0 1.9 2.9#

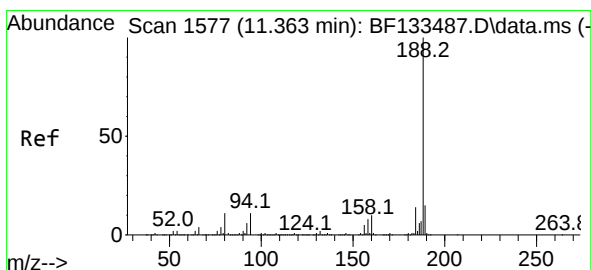
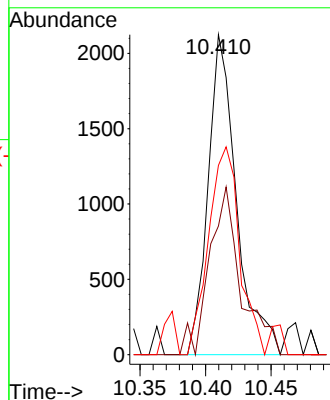
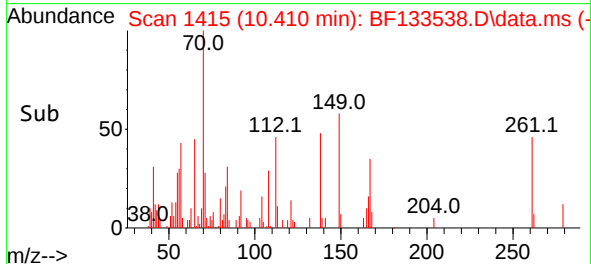
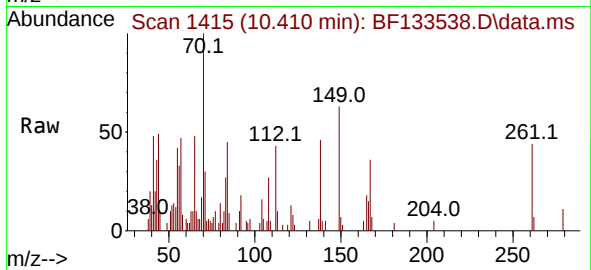




#62
4-Nitroaniline
Concen: 3.749 ng
RT: 10.410 min Scan# 1422
Delta R.T. -0.030 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

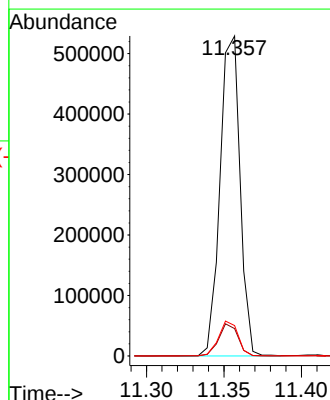
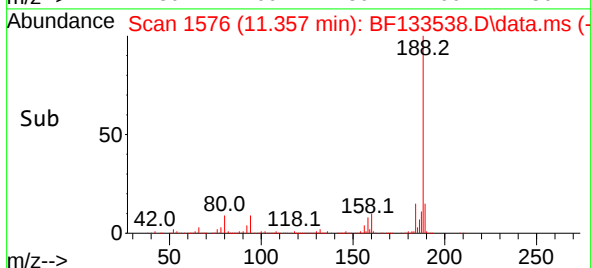
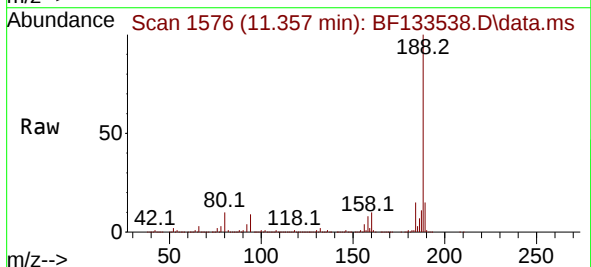
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

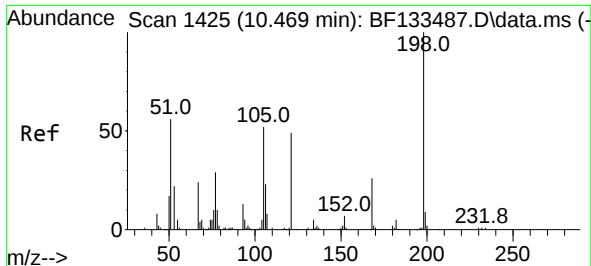
Tgt Ion:138 Resp: 3204
Ion Ratio Lower Upper
138 100
92 40.2 28.4 68.4
108 59.1 54.2 94.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:188 Resp: 476693
Ion Ratio Lower Upper
188 100
94 8.6 8.6 12.8#
80 9.5 9.2 13.8

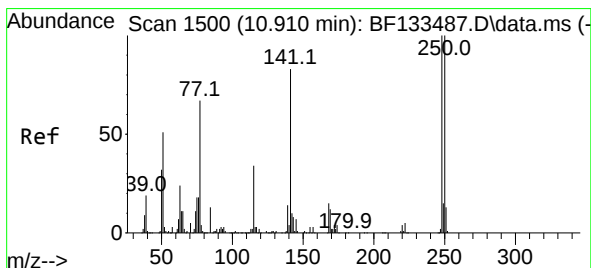
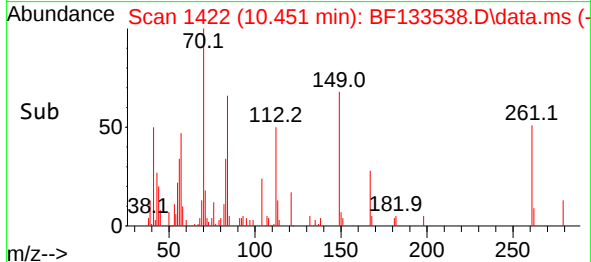
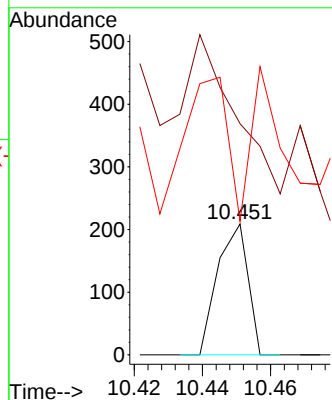
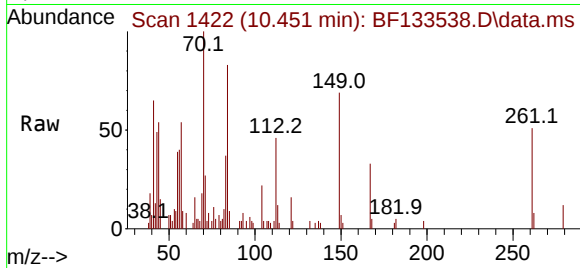




#65
4,6-Dinitro-2-methylphenol
Concen: 8.765 ng
RT: 10.451 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

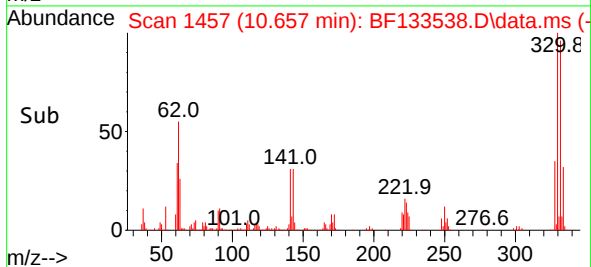
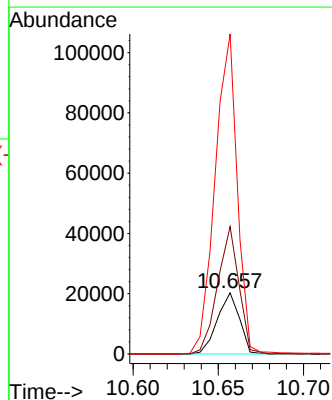
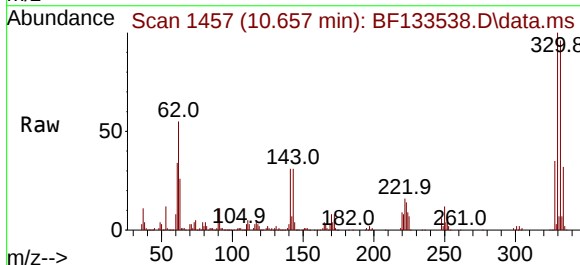
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

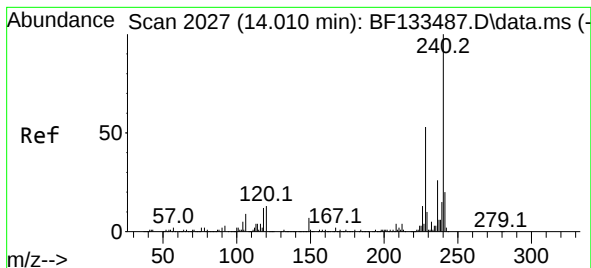
Tgt Ion:198 Resp: 128
Ion Ratio Lower Upper
198 100
51 176.6 53.6 93.6#
105 101.9 35.9 75.9#



#67
4-Bromophenyl-phenylether
Concen: 3.612 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:248 Resp: 18288
Ion Ratio Lower Upper
248 100
250 208.3 79.7 119.5#
141 523.6 66.6 100.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

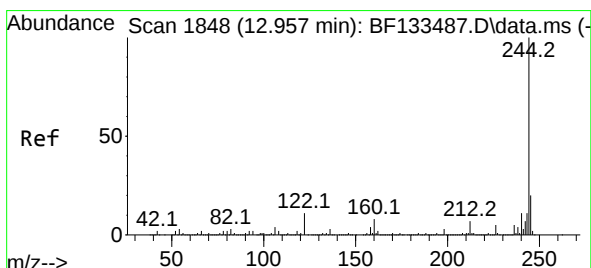
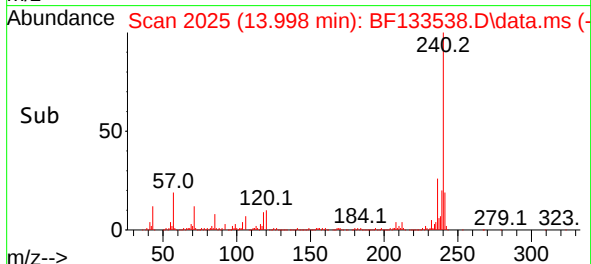
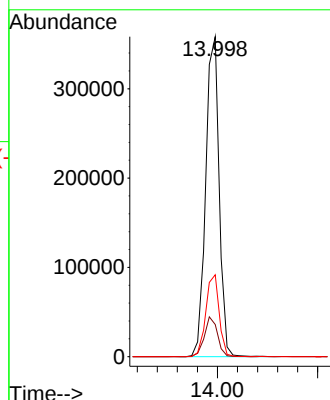
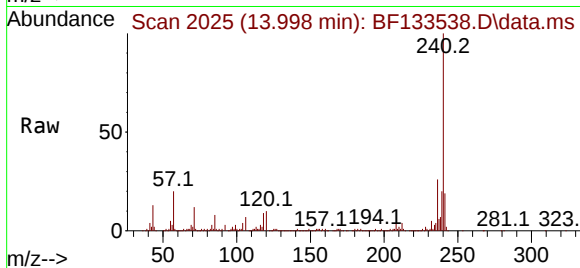
Tgt Ion:240 Resp: 334452

Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 72.933 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

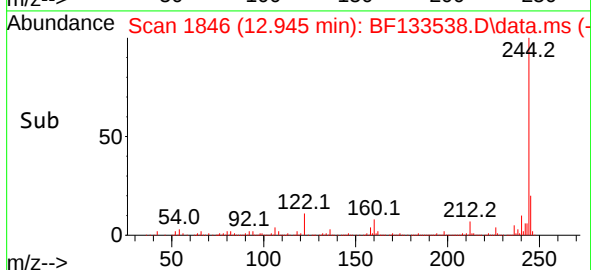
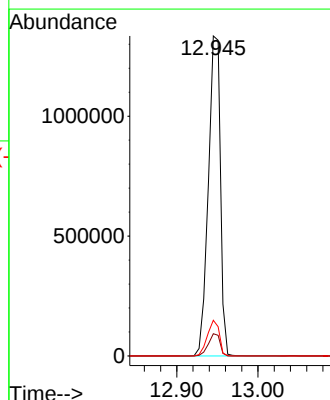
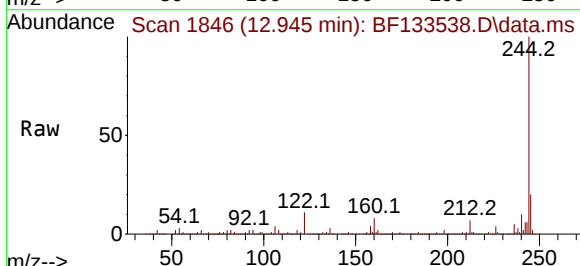
Tgt Ion:244 Resp: 1371927

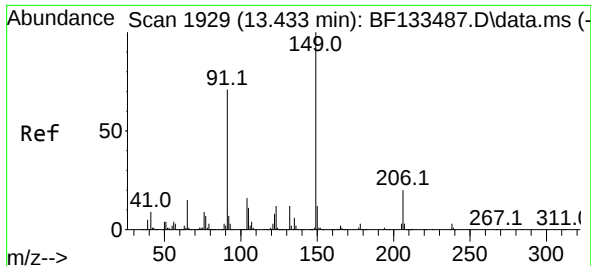
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 11.2 8.5 12.7

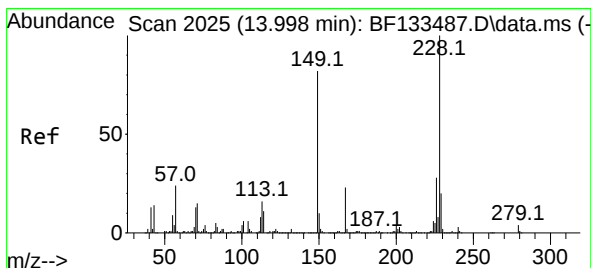
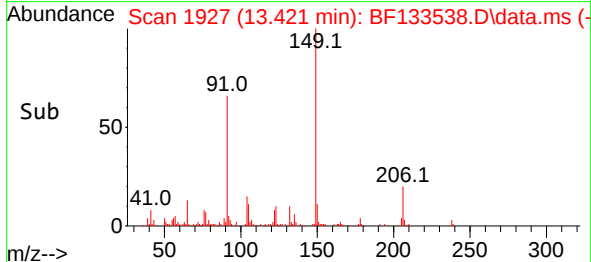
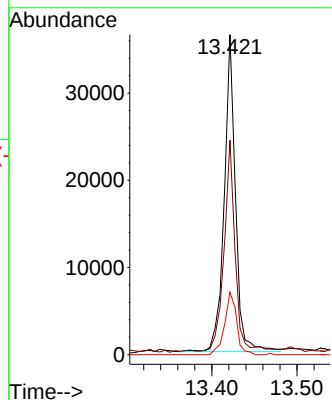
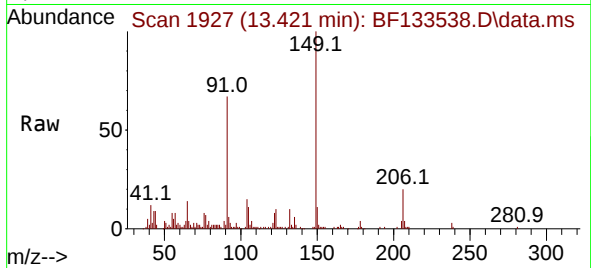




#80
Butylbenzylphthalate
Concen: 2.970 ng
RT: 13.421 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

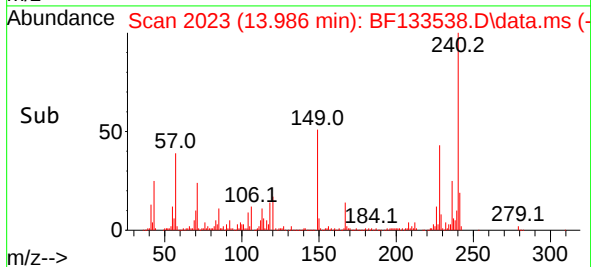
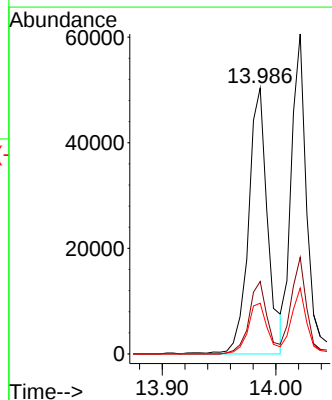
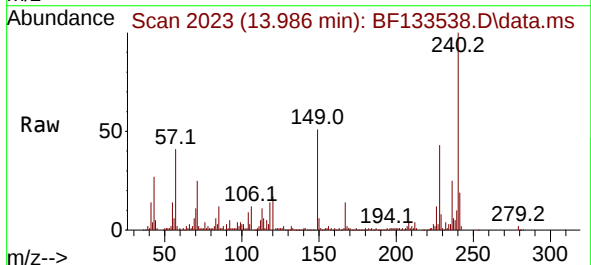
Instrument :
BNA_F
ClientSampleId :
TP-11-0A

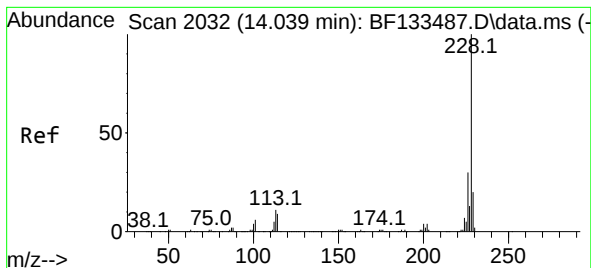
Tgt Ion:149	Resp:	33442
Ion Ratio	Lower	Upper
149	100	
91	67.0	56.9 85.3
206	19.5	15.7 23.5



#81
Benzo(a)anthracene
Concen: 2.647 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133538.D
Acq: 31 May 2023 14:38

Tgt Ion:228	Resp:	58968
Ion Ratio	Lower	Upper
228	100	
226	27.3	22.3 33.5
229	19.1	16.1 24.1





#83

Chrysene

Concen: 2.536 ng

RT: 14.021 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A

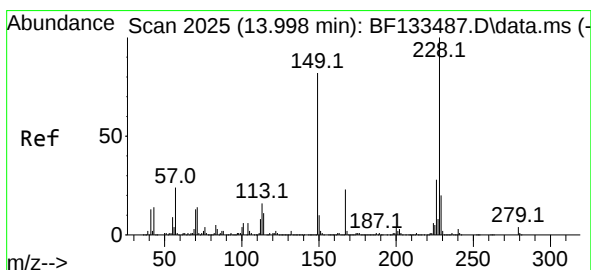
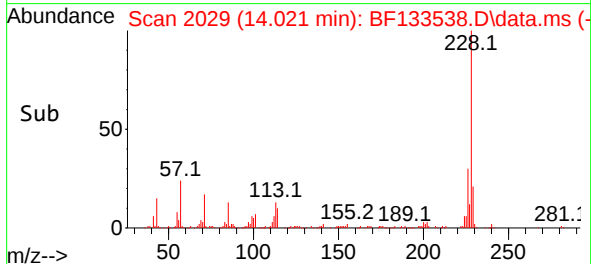
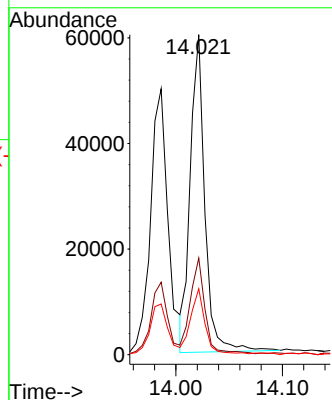
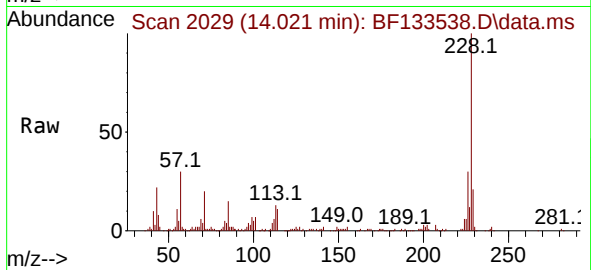
Tgt Ion:228 Resp: 57041

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.068 ng

RT: 13.986 min Scan# 2023

Delta R.T. -0.000 min

Lab File: BF133538.D

Acq: 31 May 2023 14:38

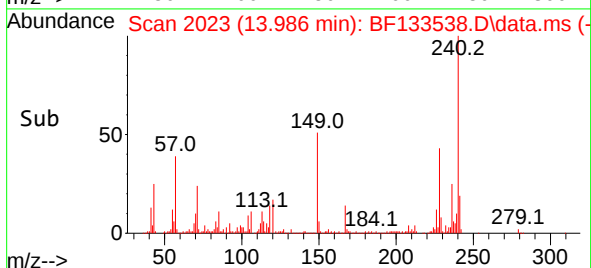
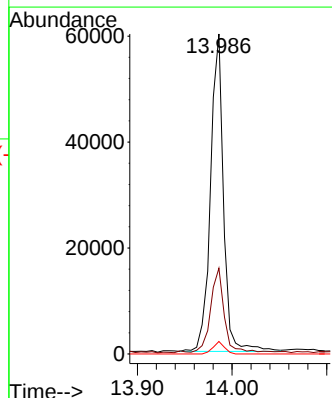
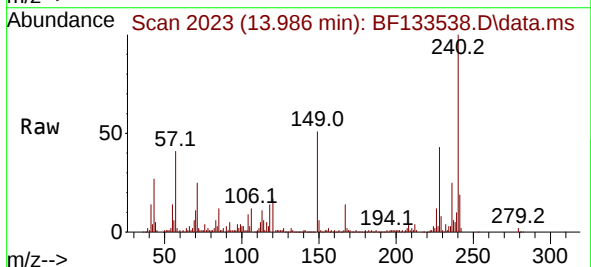
Tgt Ion:149 Resp: 57257

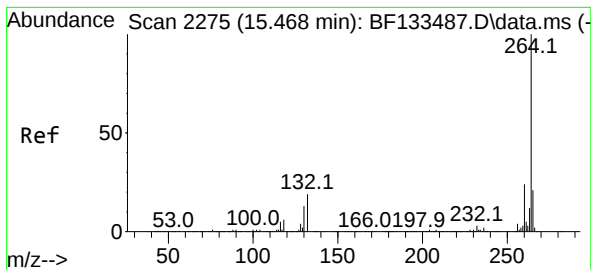
Ion Ratio Lower Upper

149 100

167 26.8 22.0 33.0

279 3.9 3.6 5.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133538.D

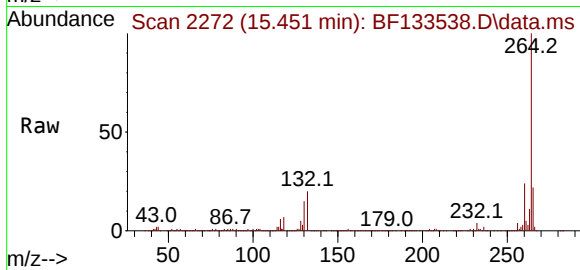
Acq: 31 May 2023 14:38

Instrument :

BNA_F

ClientSampleId :

TP-11-0A



Tgt Ion:264 Resp: 284359

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 22.0 16.8 25.2

