

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133758.D
 Acq On : 14 Jun 2023 18:50
 Operator : CG\JU
 Sample : 03117-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-26OA

Quant Time: Jun 15 01:29:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

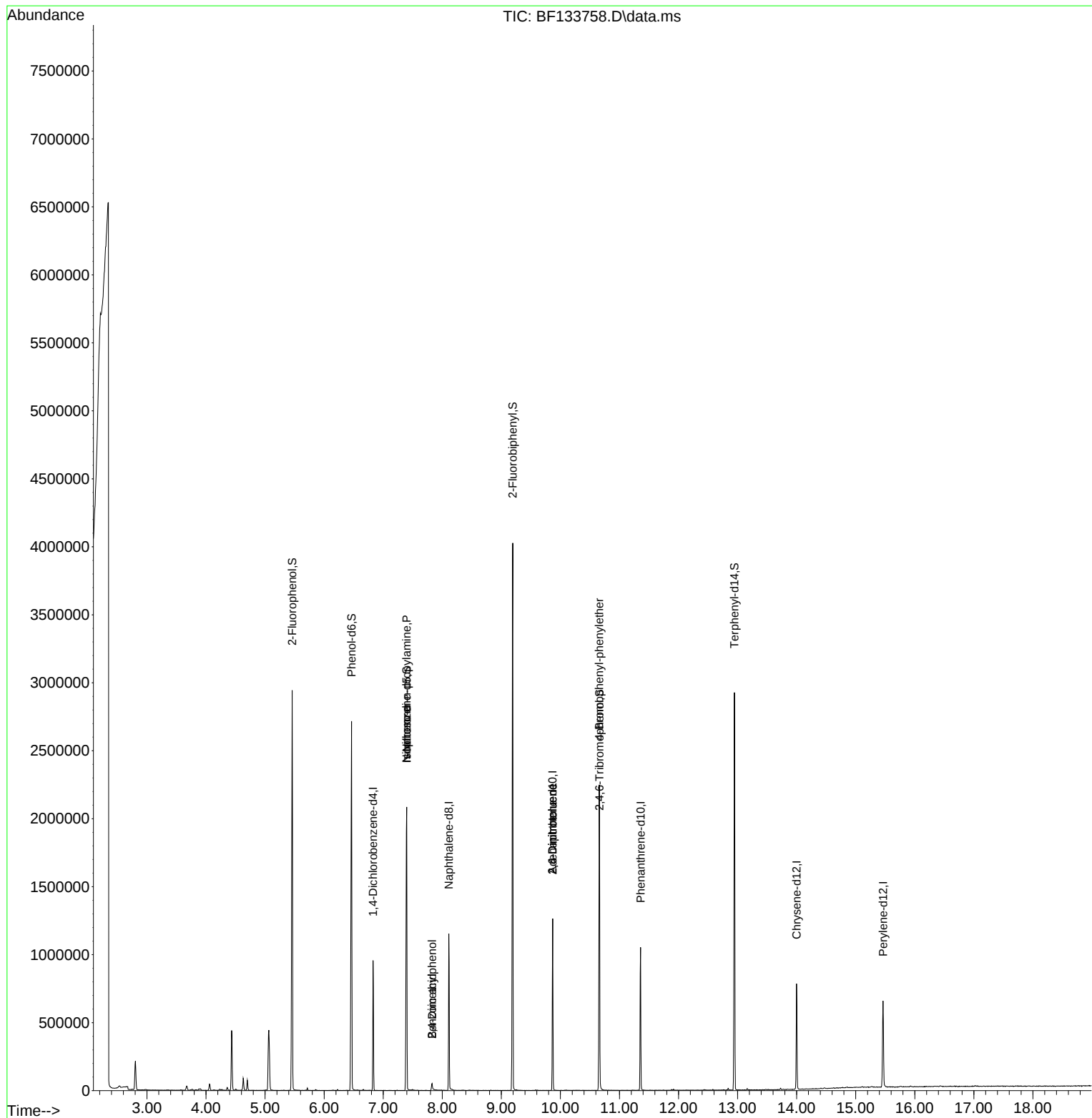
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	124747	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	480133	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	226678	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	374458	20.000	ng	0.00
76) Chrysene-d12	13.998	240	253944	20.000	ng	-0.01
86) Perylene-d12	15.463	264	284481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	786377	109.742	ng	0.01
7) Phenol-d6	6.463	99	881161	94.471	ng	0.00
23) Nitrobenzene-d5	7.398	82	678285	76.945	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	267703	93.298	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1180935	74.057	ng	0.00
79) Terphenyl-d14	12.945	244	1039370	63.331	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	96516	16.264	ng	# 77
25) Isophorone	7.398	82	678272	41.911	ng	# 65
27) 2,4-Dimethylphenol	7.828	122	14122	2.057	ng	# 1
32) Benzoic acid	7.828	122	14122	3.261	ng	93
51) 2,6-Dinitrotoluene	9.869	165	28383	8.127	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	28383	6.390	ng	# 20
67) 4-Bromophenyl-phenylether	10.657	248	16820	4.024	ng	# 1

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

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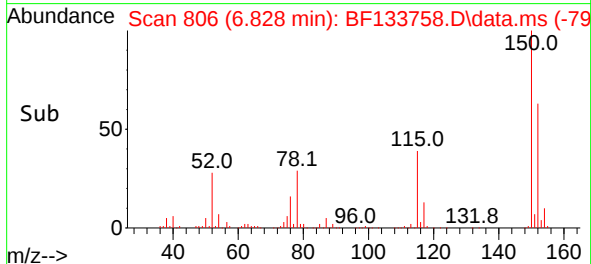
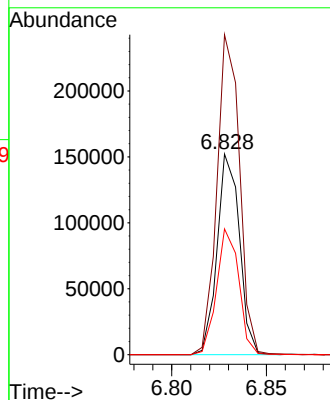
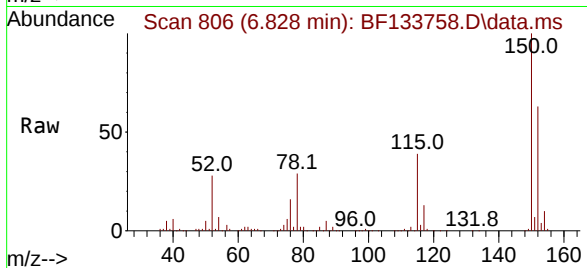




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

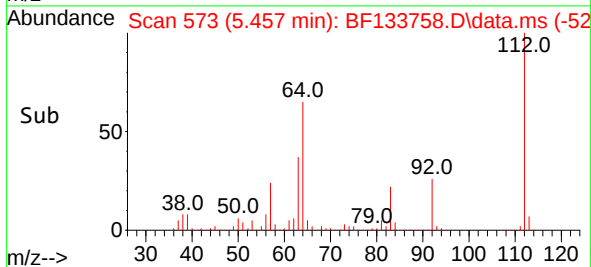
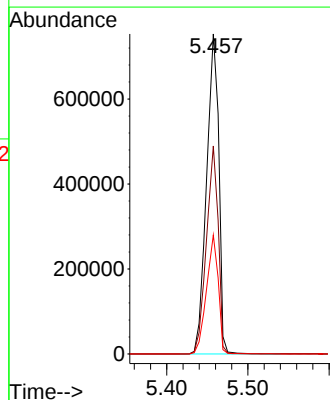
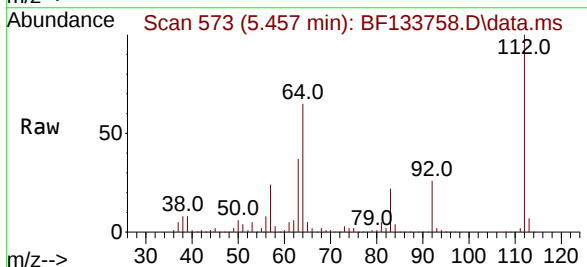
Instrument :
BNA_F
ClientSampleId :
TP-26OA

Tgt Ion:152 Resp: 124747
Ion Ratio Lower Upper
152 100
150 159.5 124.3 186.5
115 62.7 48.5 72.7



#5
2-Fluorophenol
Concen: 109.742 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Tgt Ion:112 Resp: 786377
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 37.2 26.8 40.2

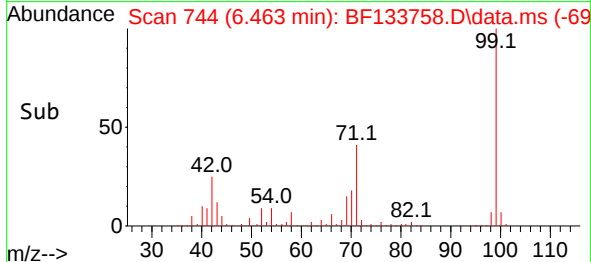
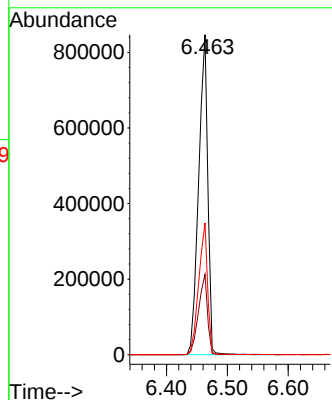
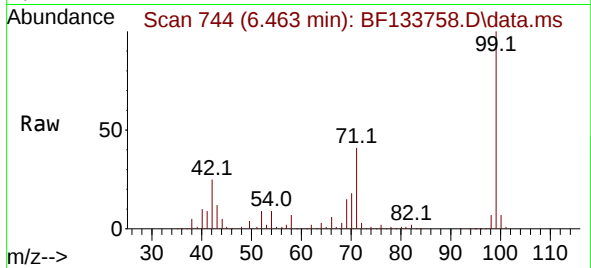




#7
Phenol-d6
Concen: 94.471 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

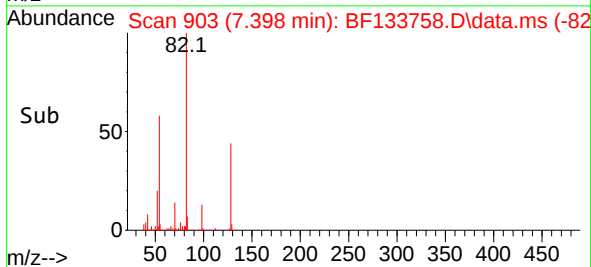
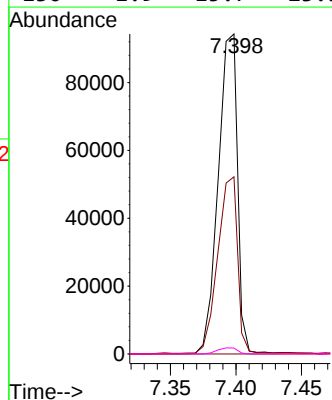
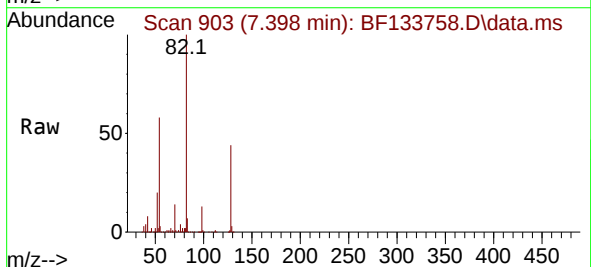
Instrument :
BNA_F
ClientSampleId :
TP-26OA

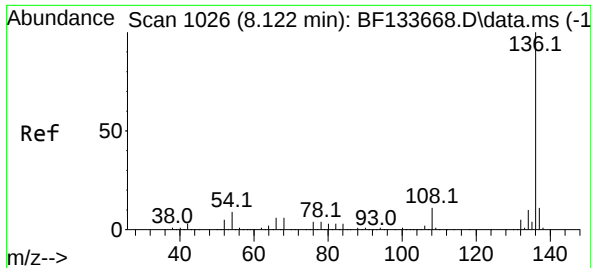
Tgt Ion: 99 Resp: 881161
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 41.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.264 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Tgt Ion: 70 Resp: 96516
Ion Ratio Lower Upper
70 100
42 55.3 55.8 83.8#
101 0.0 8.1 12.1#
130 1.9 15.7 23.5#



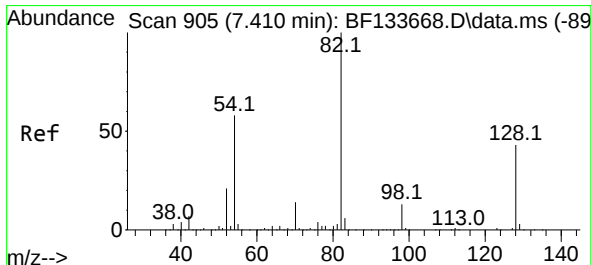
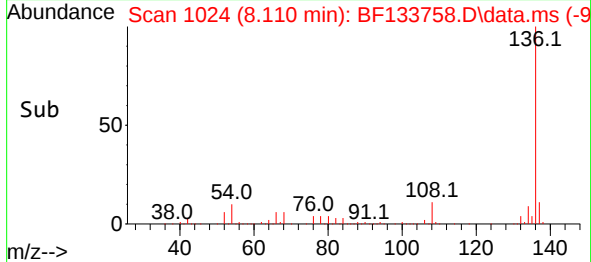
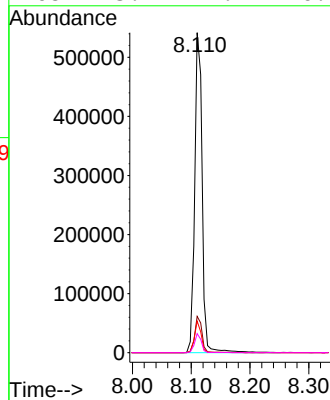
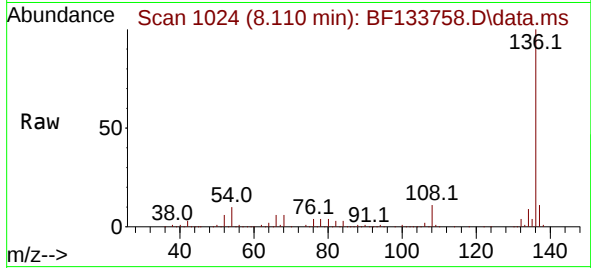


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Instrument :
BNA_F
ClientSampleId :
TP-26OA

Tgt Ion:136 Resp: 480133

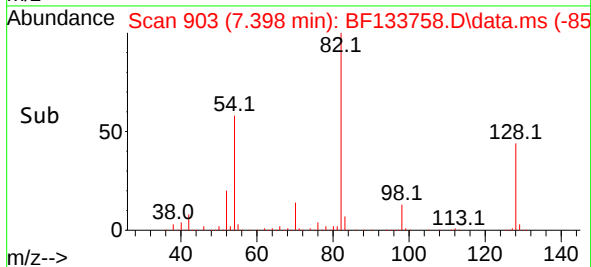
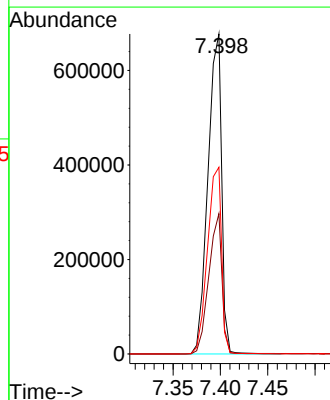
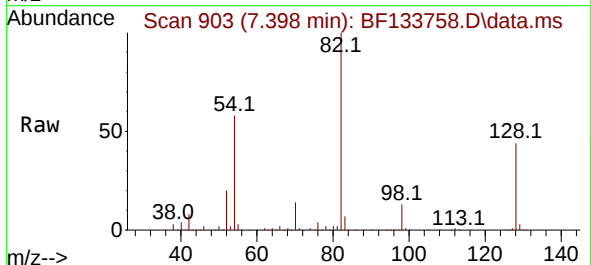
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.9	7.4	11.0
68	5.9	4.4	6.6



#23
Nitrobenzene-d5
Concen: 76.945 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Tgt Ion: 82 Resp: 678285

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.2	51.2
54	58.3	46.5	69.7

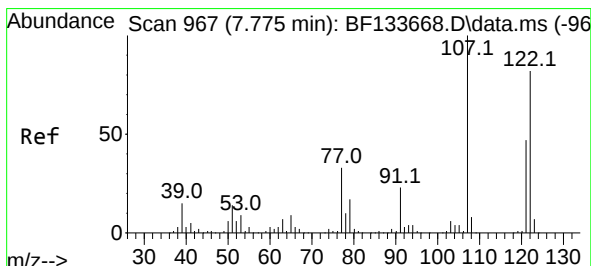
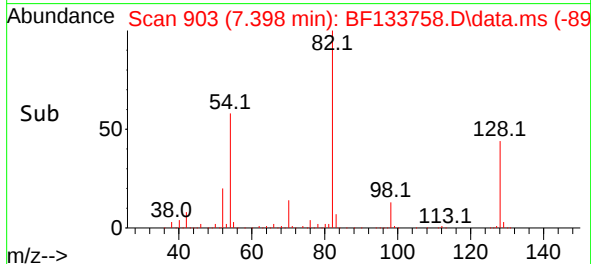
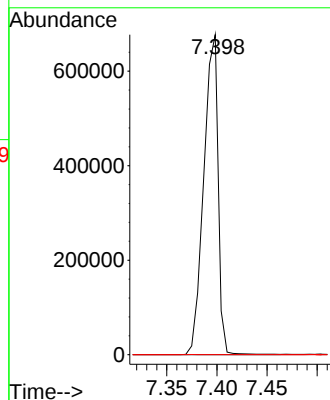
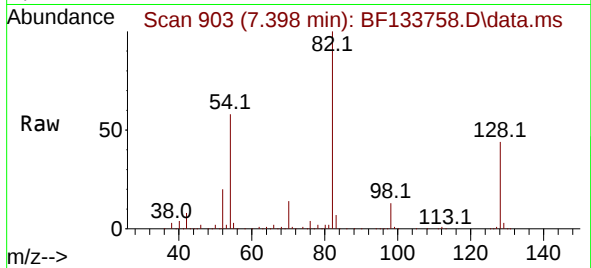




#25
Isophorone
Concen: 41.911 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

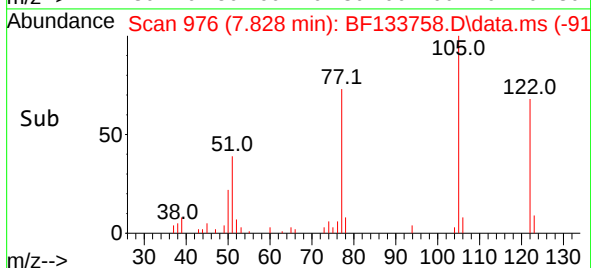
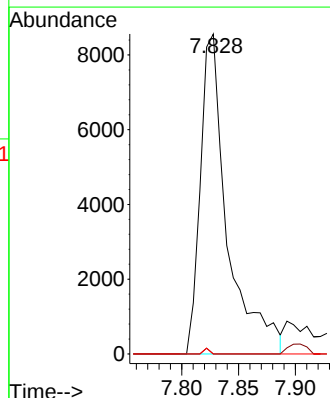
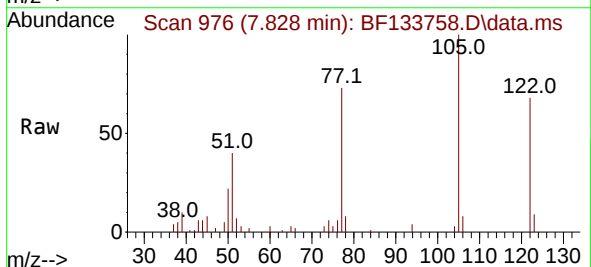
Instrument :
BNA_F
ClientSampleId :
TP-26OA

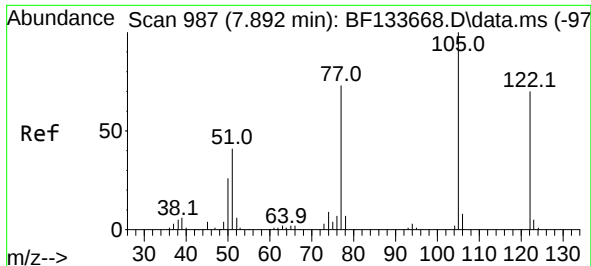
Tgt Ion: 82 Resp: 678272
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#27
2,4-Dimethylphenol
Concen: 2.057 ng
RT: 7.828 min Scan# 976
Delta R.T. 0.059 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Tgt Ion:122 Resp: 14122
Ion Ratio Lower Upper
122 100
107 0.0 97.8 146.6#
121 0.0 46.1 69.1#

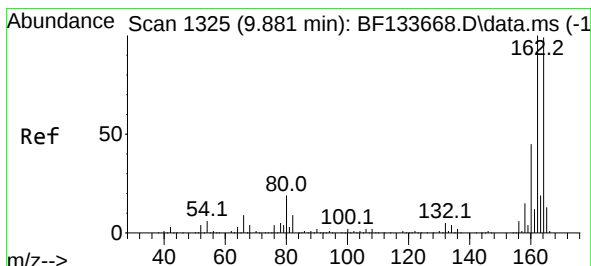
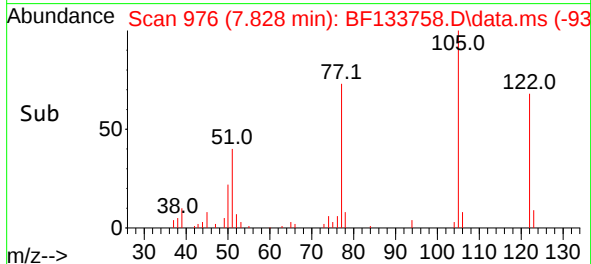
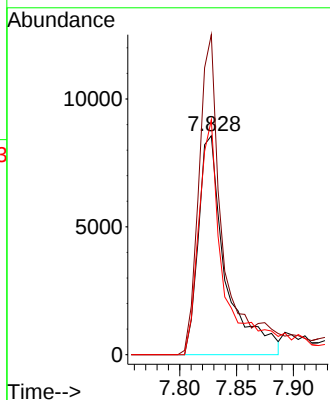
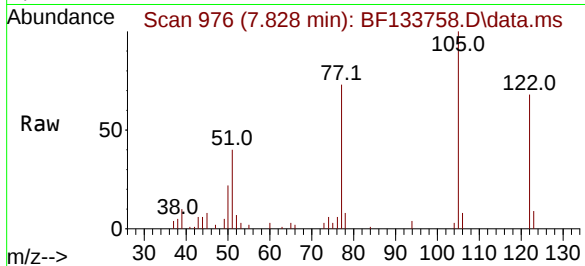




#32
Benzoic acid
Concen: 3.261 ng
RT: 7.828 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

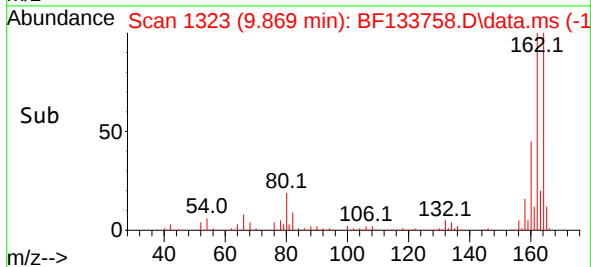
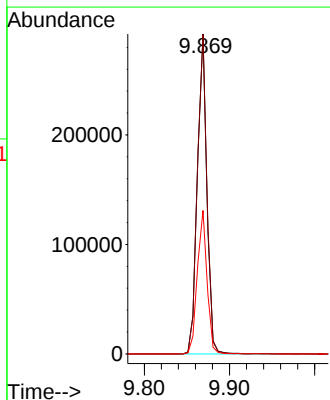
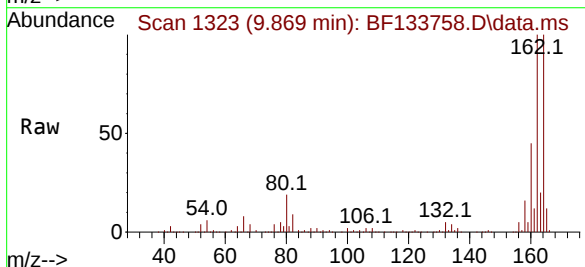
Instrument :
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ClientSampleId :
TP-26OA

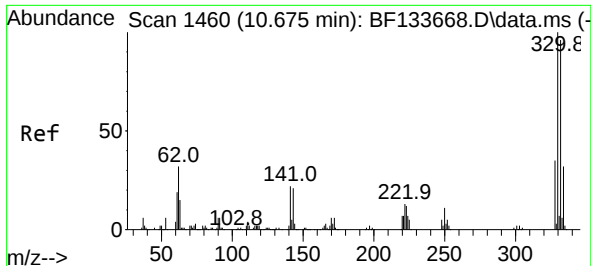
Tgt Ion:122 Resp: 14122
Ion Ratio Lower Upper
122 100
105 146.2 116.3 156.3
77 107.3 82.4 122.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Tgt Ion:164 Resp: 226678
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 44.9 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 93.298 ng

RT: 10.663 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133758.D

Acq: 14 Jun 2023 18:50

Instrument :

BNA_F

ClientSampleId :

TP-260A

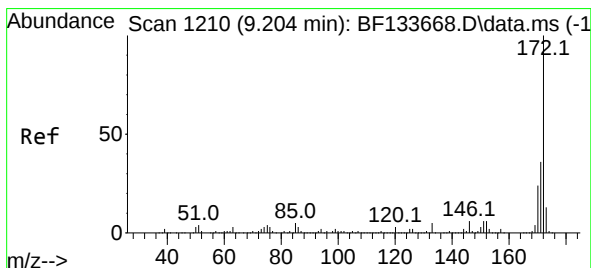
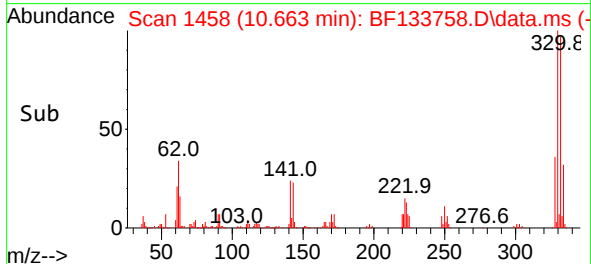
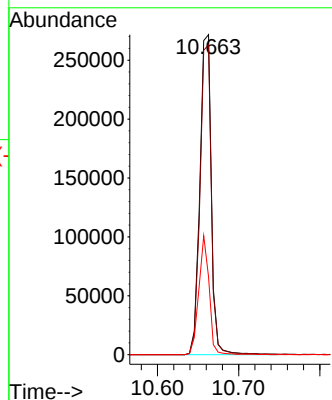
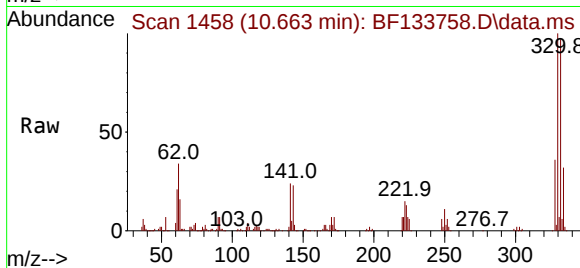
Tgt Ion:330 Resp: 267703

Ion Ratio Lower Upper

330 100

332 95.7 77.2 115.8

141 33.7 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 74.057 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133758.D

Acq: 14 Jun 2023 18:50

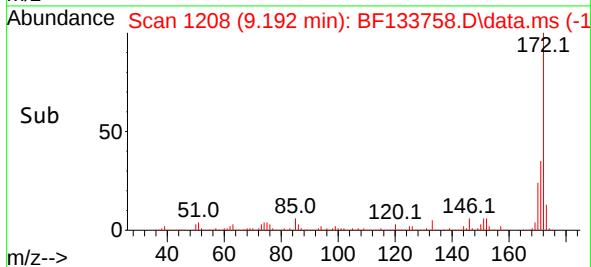
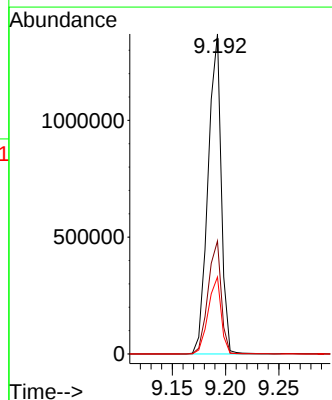
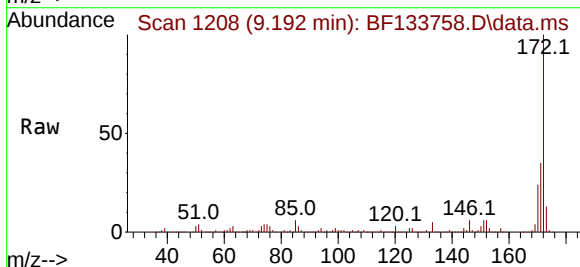
Tgt Ion:172 Resp: 1180935

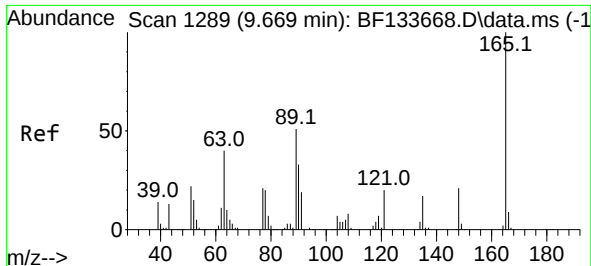
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 24.1 19.1 28.7

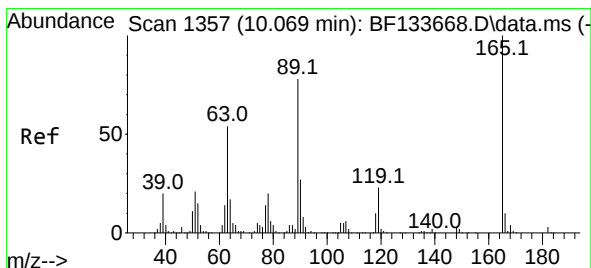
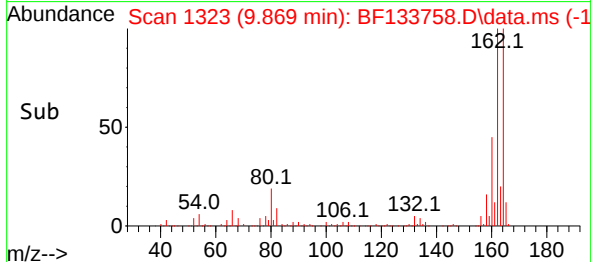
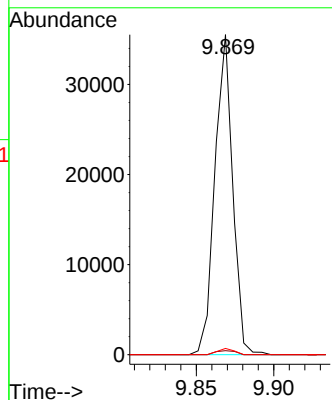
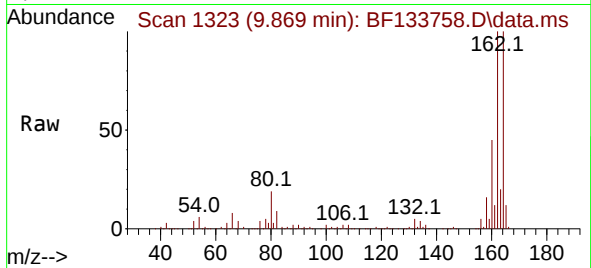




#51
2,6-Dinitrotoluene
Concen: 8.127 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

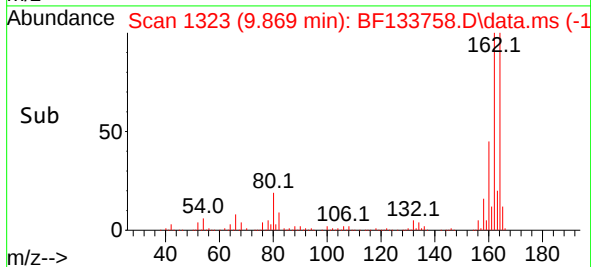
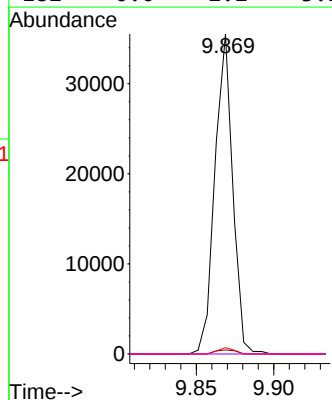
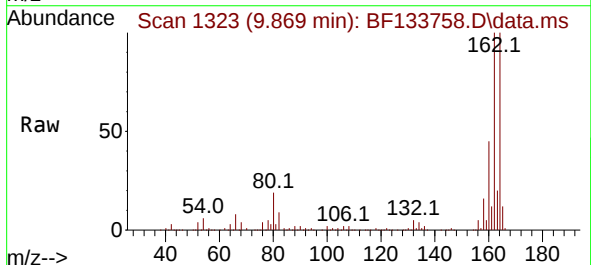
Instrument :
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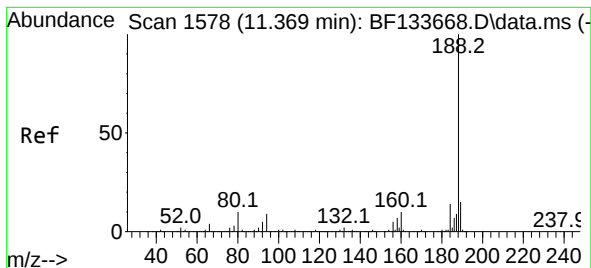
Tgt Ion:165 Resp: 28383
Ion Ratio Lower Upper
165 100
63 1.3 42.1 63.1#
89 2.0 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Tgt Ion:165 Resp: 28383
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 2.0 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133758.D

Acq: 14 Jun 2023 18:50

Instrument :

BNA_F

ClientSampleId :

TP-26OA

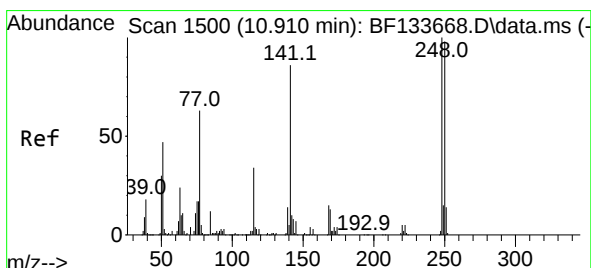
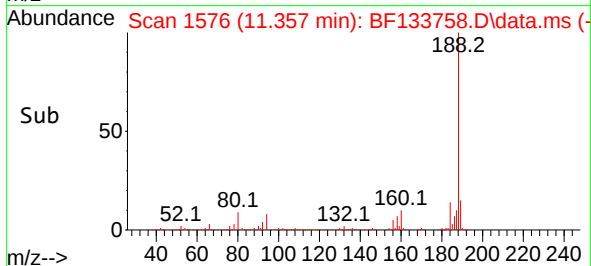
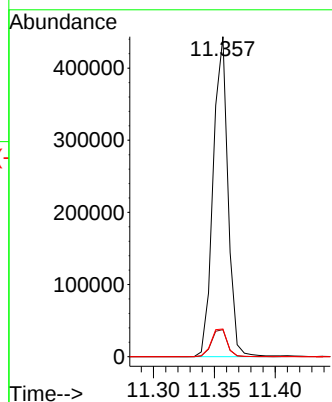
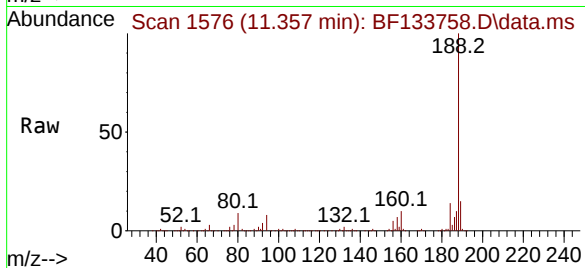
Tgt Ion:188 Resp: 374458

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 8.6 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.024 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133758.D

Acq: 14 Jun 2023 18:50

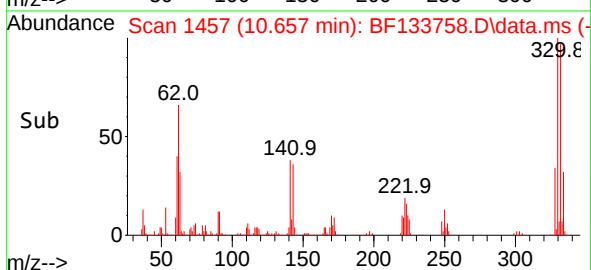
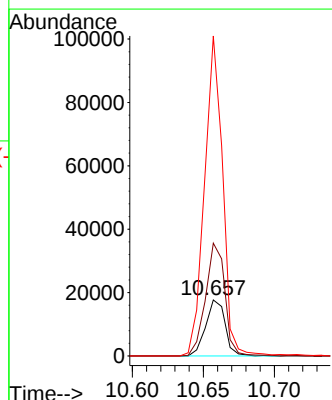
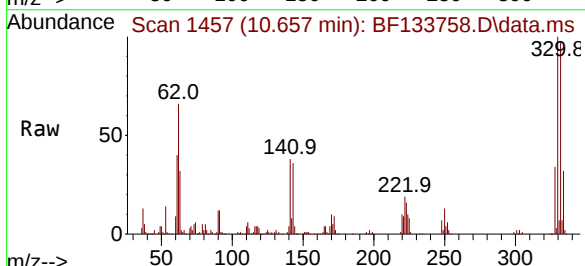
Tgt Ion:248 Resp: 16820

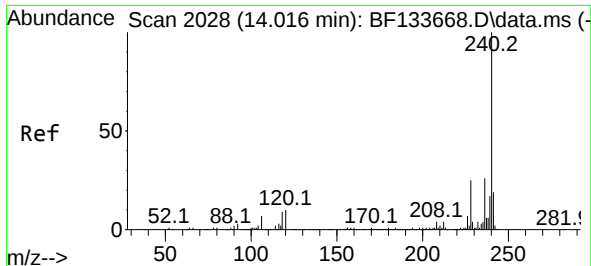
Ion Ratio Lower Upper

248 100

250 201.6 78.3 117.5#

141 571.9 69.0 103.6#

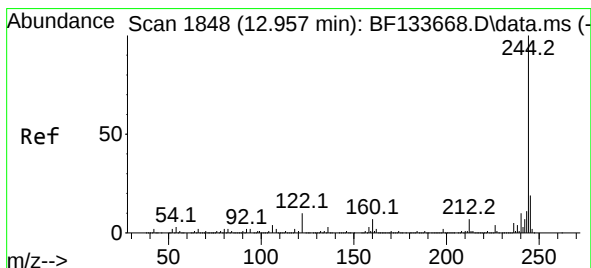
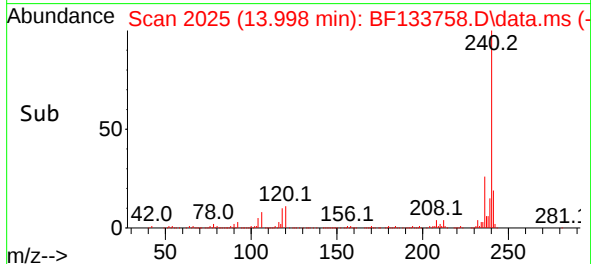
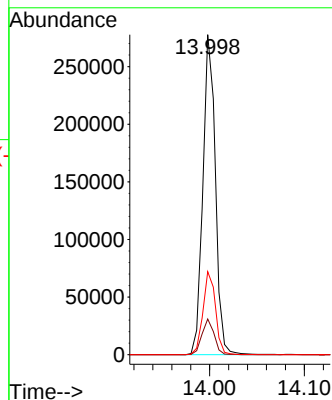
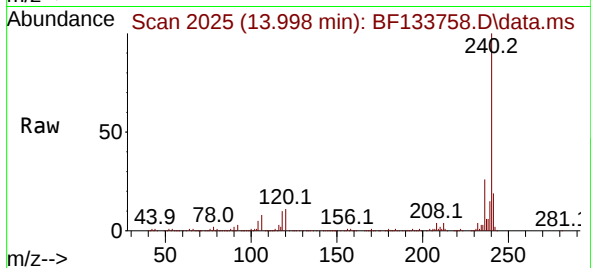




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

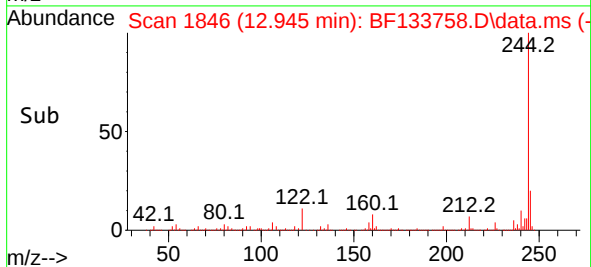
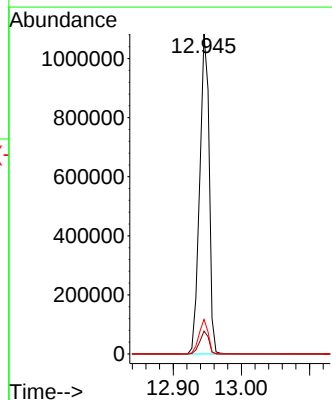
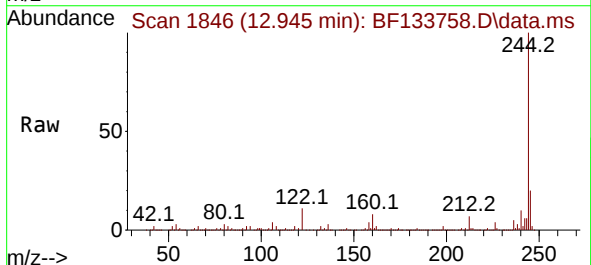
Instrument :
BNA_F
ClientSampleId :
TP-26OA

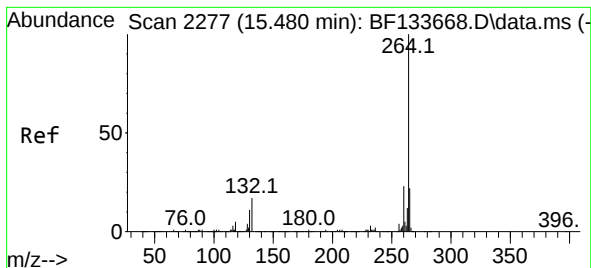
Tgt Ion:240 Resp: 253944
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 63.331 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BF133758.D
Acq: 14 Jun 2023 18:50

Tgt Ion:244 Resp: 1039370
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.8 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133758.D

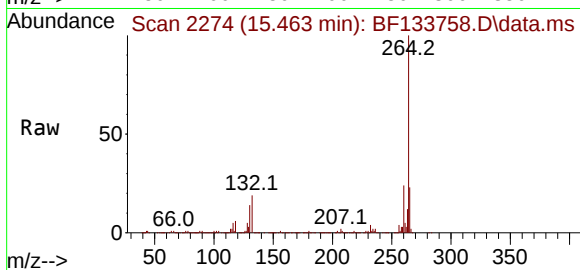
Acq: 14 Jun 2023 18:50

Instrument :

BNA_F

ClientSampleId :

TP-26OA



Tgt Ion:264 Resp: 284481

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.2

265 22.7 17.8 26.6

