

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
 Data File : BF136376.D
 Acq On : 04 Dec 2023 12:05
 Operator : CG\JU
 Sample : PB157389BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 04 12:52:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

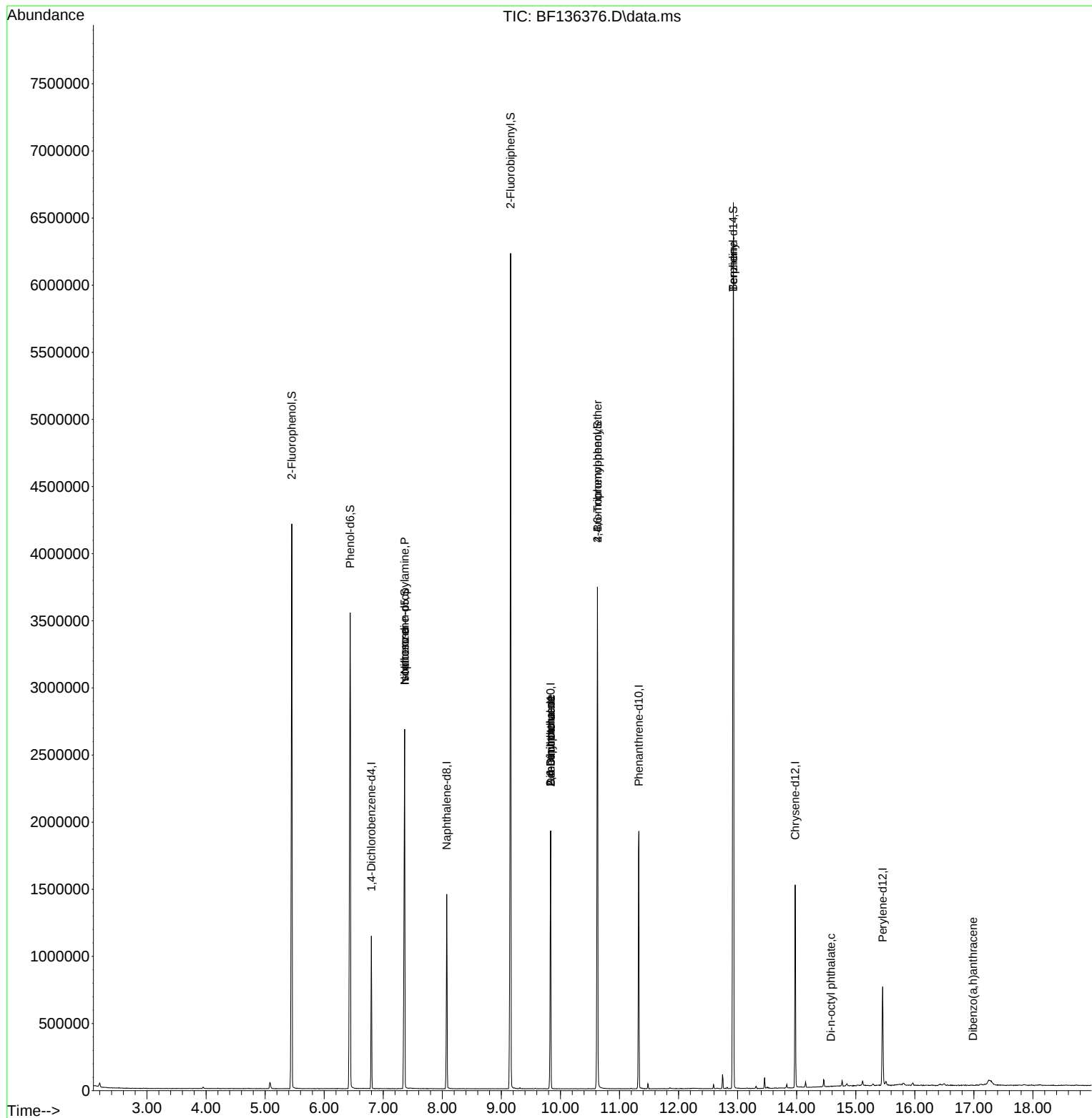
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	155490	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	665770	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	356574	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	734407	20.000	ng	0.00
76) Chrysene-d12	13.974	240	489540	20.000	ng	-0.02
86) Perylene-d12	15.457	264	342601	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1303075	116.643	ng	0.01
7) Phenol-d6	6.440	99	1641144	117.489	ng	0.00
23) Nitrobenzene-d5	7.363	82	999938	79.367	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	563757	129.319	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	2094700	75.035	ng	-0.01
79) Terphenyl-d14	12.927	244	2923370	68.882	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	130376	15.606	ng	# 73
25) Isophorone	7.363	82	996218	43.852	ng	# 68
50) Dimethylphthalate	9.833	163	74379	2.760	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	43315	7.867	ng	# 25
57) 2,4-Dinitrotoluene	9.833	165	43315	5.890	ng	# 28
67) 4-Bromophenyl-phenylether	10.628	248	33274	3.884	ng	# 1
77) Benzidine	12.927	184	30603	3.803	ng	# 88
85) Di-n-octyl phthalate	14.580	149	792	5.184	ng	# 50
91) Dibenzo(a,h)anthracene	16.986	278	66	2.716	ng	# 58

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

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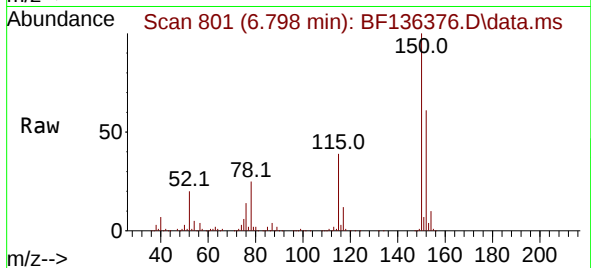
Quant Time: Dec 04 12:52:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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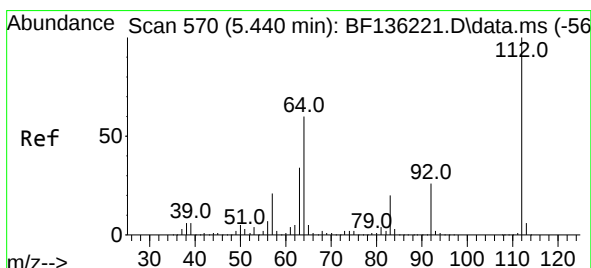
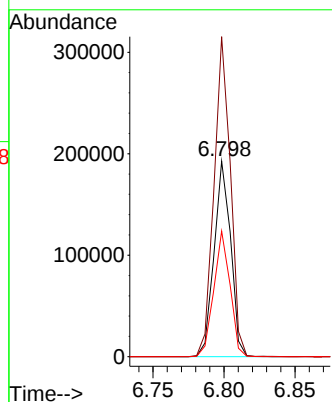
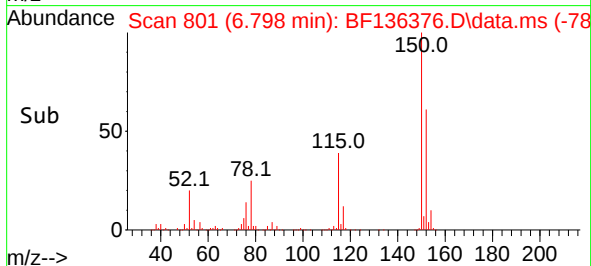


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

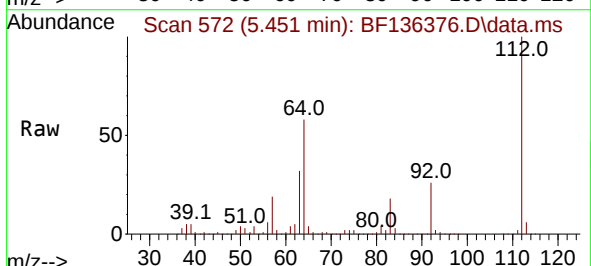
Instrument :
BNA_F
ClientSampleId :



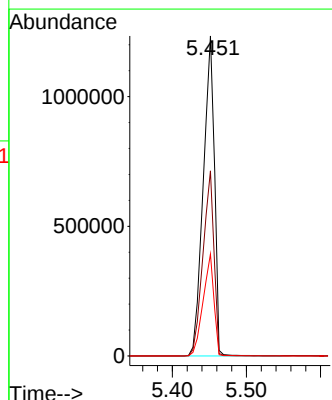
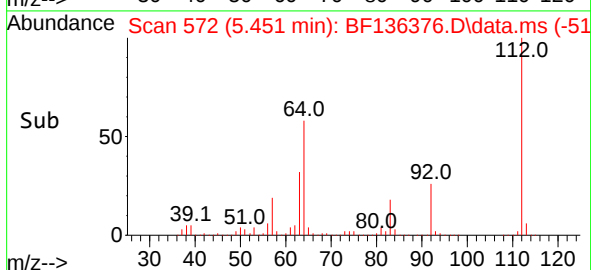
Tgt Ion:152 Resp: 155490
Ion Ratio Lower Upper
152 100
150 163.6 137.8 206.8
115 64.2 52.7 79.1



#5
2-Fluorophenol
Concen: 116.643 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05



Tgt Ion:112 Resp: 1303075
Ion Ratio Lower Upper
112 100
64 57.9 48.2 72.4
63 31.8 27.0 40.6

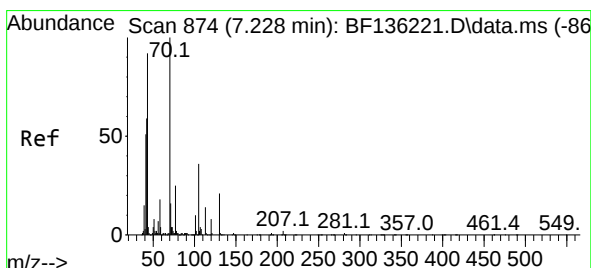
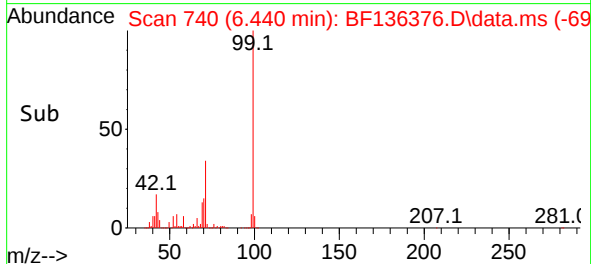
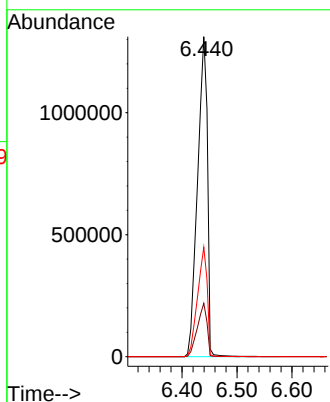
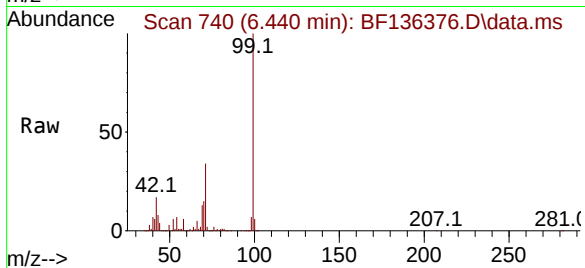




#7
Phenol-d6
Concen: 117.489 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

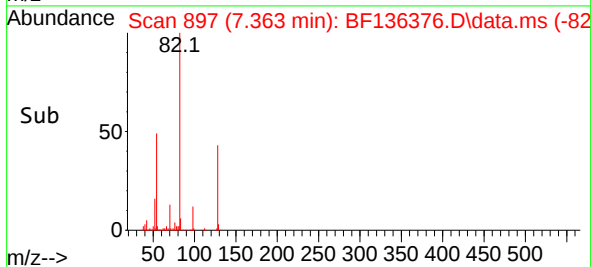
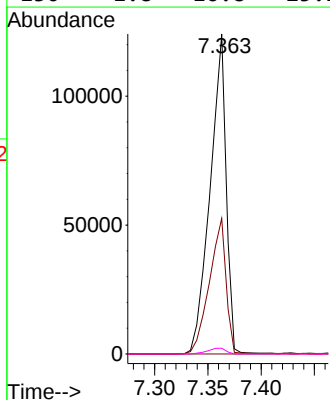
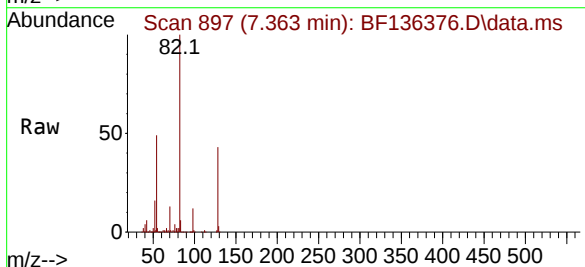
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1641144
Ion Ratio Lower Upper
99 100
42 16.7 15.0 22.6
71 34.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.606 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

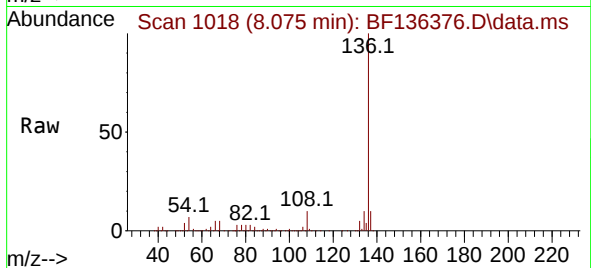
Tgt Ion: 70 Resp: 130376
Ion Ratio Lower Upper
70 100
42 42.4 47.0 70.4#
101 0.0 7.8 11.8#
130 1.8 16.8 25.2#





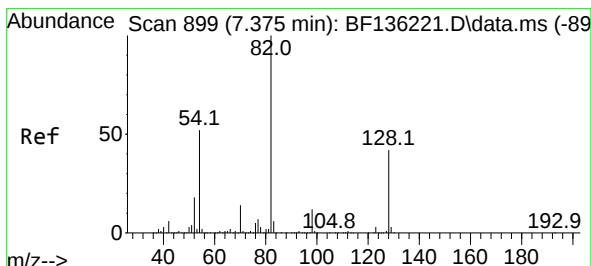
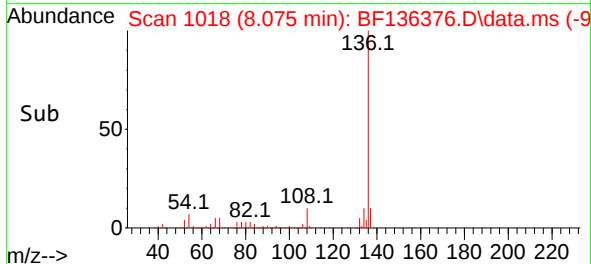
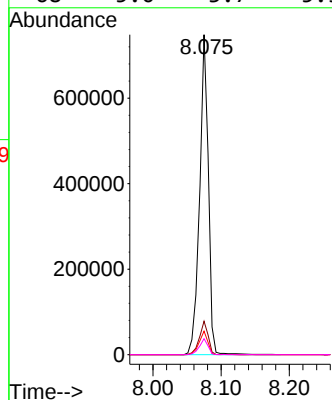
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 665770

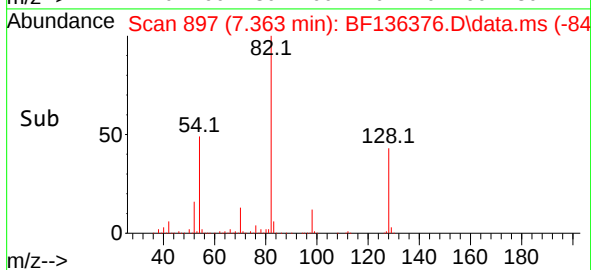
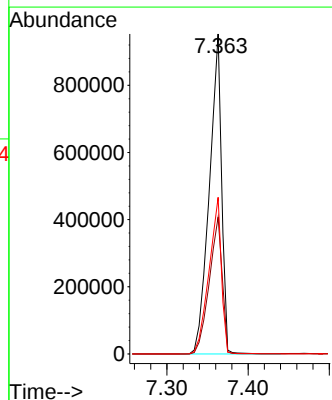
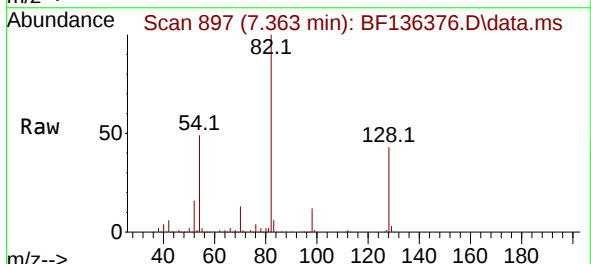
Ion	Ratio	Lower	Upper
136	100		
137	10.5	7.4	11.2
54	7.4	5.5	8.3
68	5.0	3.7	5.5



#23
Nitrobenzene-d5
Concen: 79.367 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

Tgt Ion: 82 Resp: 999938

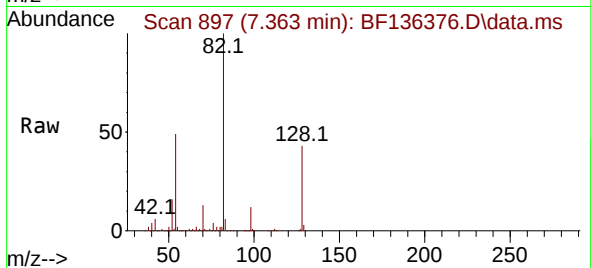
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.2
54	49.0	41.7	62.5



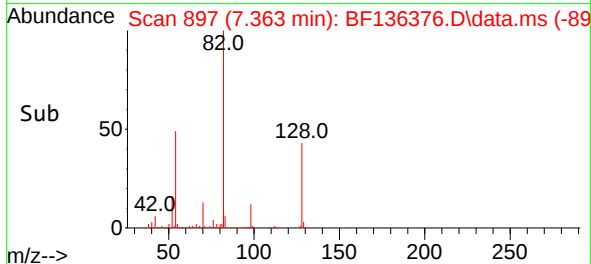
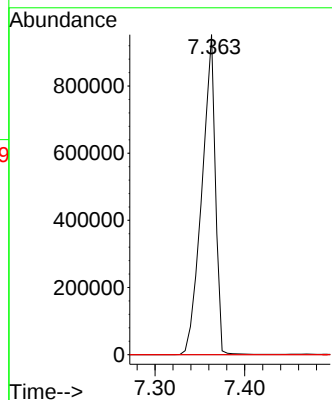


#25
Isophorone
Concen: 43.852 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

Instrument :
BNA_F
ClientSampleId :

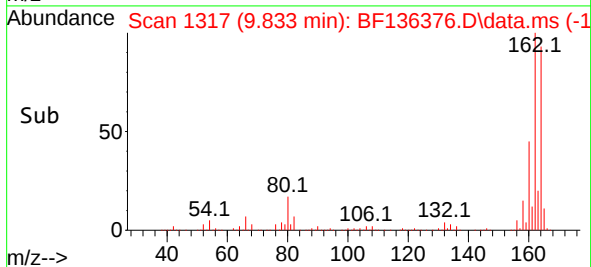
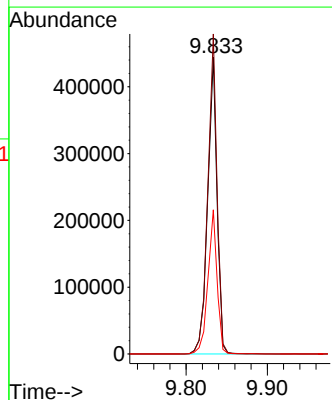
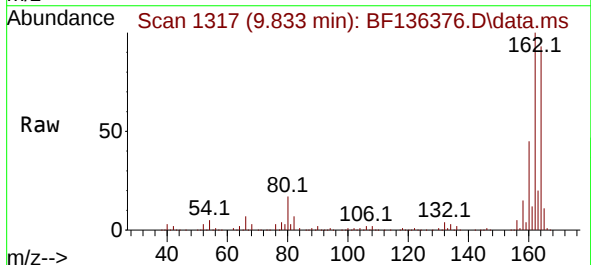


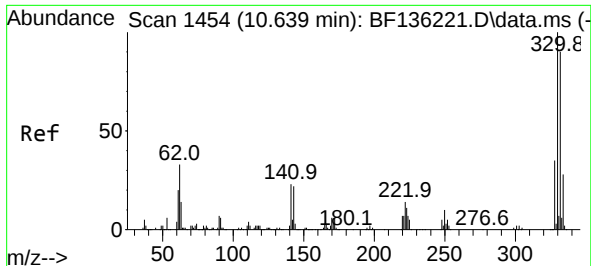
Tgt Ion: 82 Resp: 996218
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

Tgt Ion:164 Resp: 356574
Ion Ratio Lower Upper
164 100
162 107.8 89.5 134.3
160 48.6 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 129.319 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

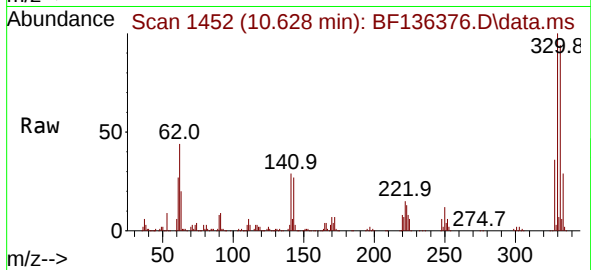
Lab File: BF136376.D

Acq: 04 Dec 2023 12:05

Instrument :

BNA_F

ClientSampleId :



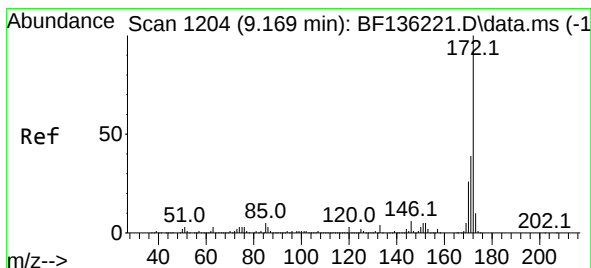
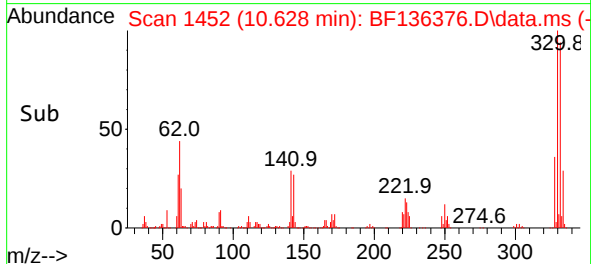
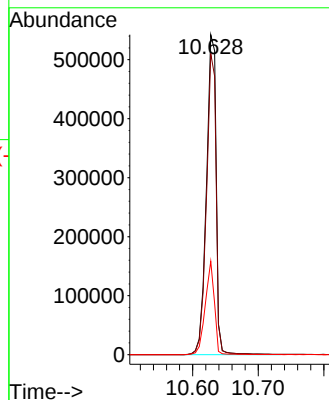
Tgt Ion:330 Resp: 563757

Ion Ratio Lower Upper

330 100

332 93.2 73.0 109.6

141 27.6 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 75.035 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136376.D

Acq: 04 Dec 2023 12:05

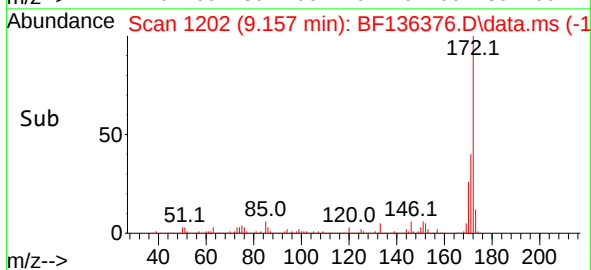
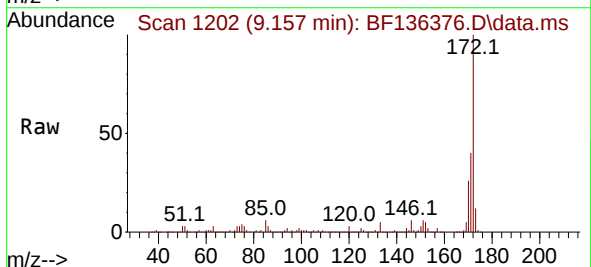
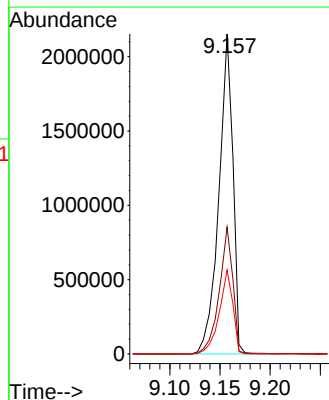
Tgt Ion:172 Resp: 2094700

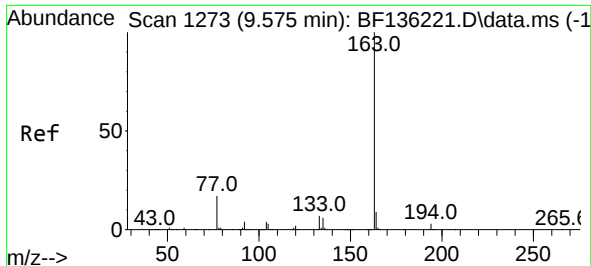
Ion Ratio Lower Upper

172 100

171 39.6 31.5 47.3

170 26.3 20.8 31.2

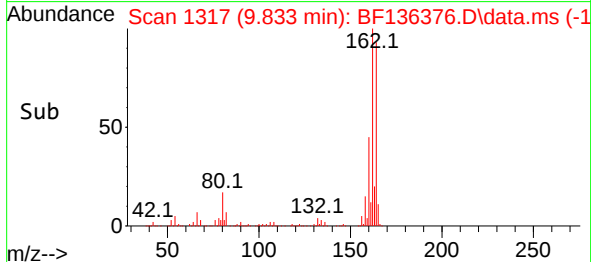
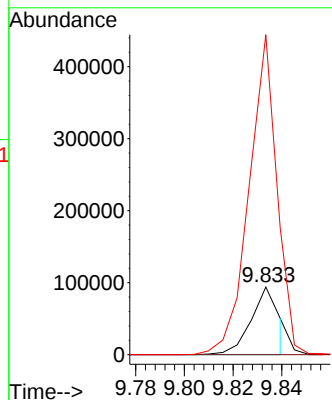
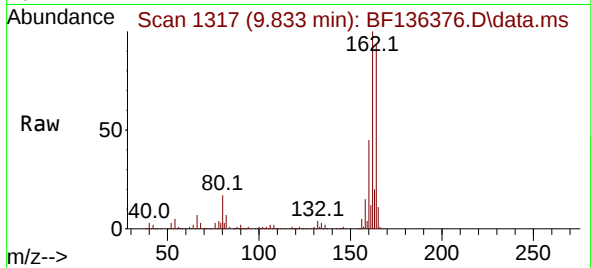




#50
Dimethylphthalate
Concen: 2.760 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.259 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

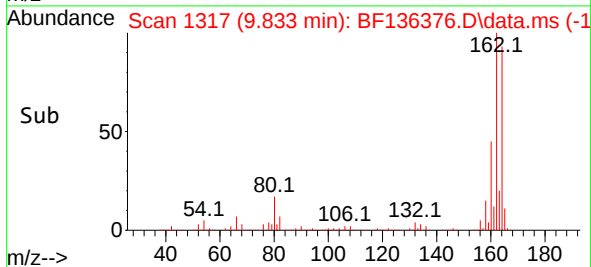
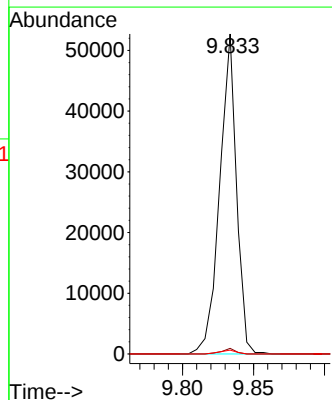
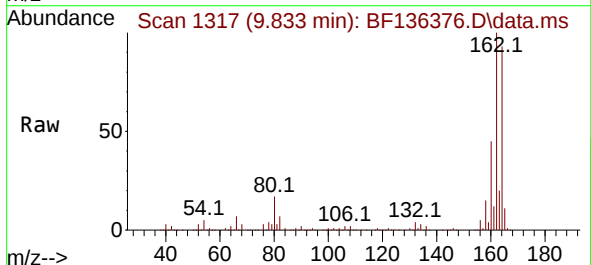
Instrument :
BNA_F
ClientSampleId :

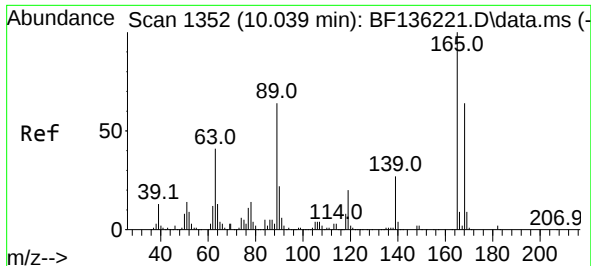
Tgt Ion:163 Resp: 74379
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 472.8 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.867 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.200 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

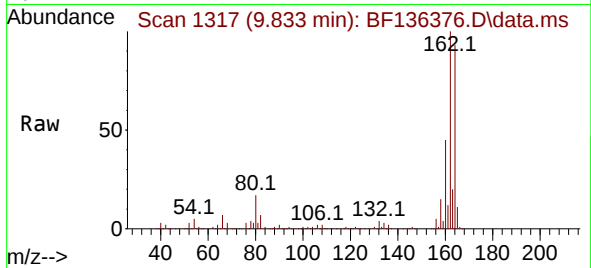
Tgt Ion:165 Resp: 43315
Ion Ratio Lower Upper
165 100
63 1.8 46.2 69.2#
89 1.2 44.9 67.3#



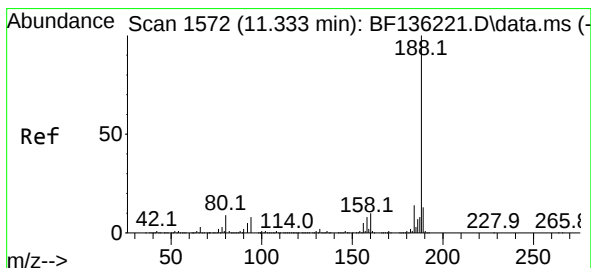
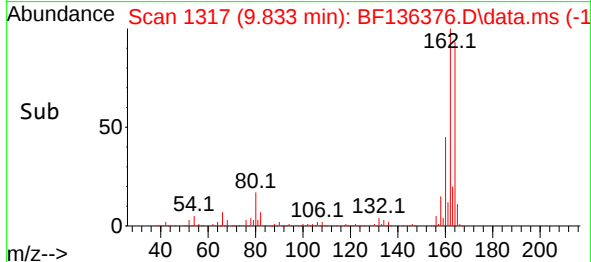
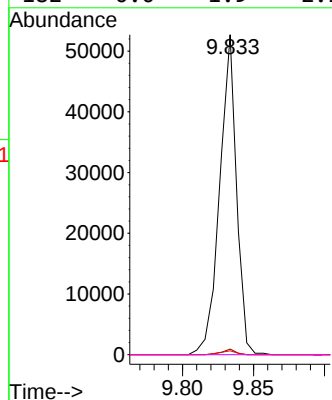


#57
2,4-Dinitrotoluene
Concen: 5.890 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

Instrument :
BNA_F
ClientSampleId :

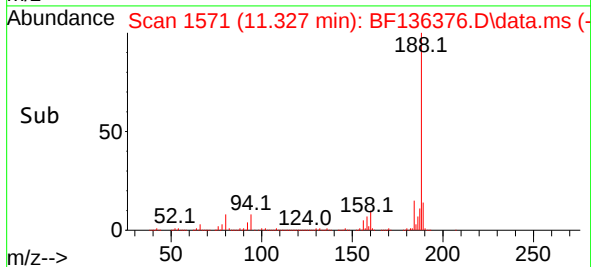
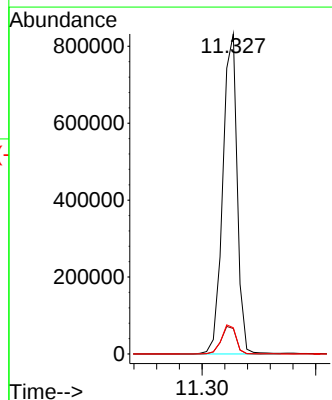
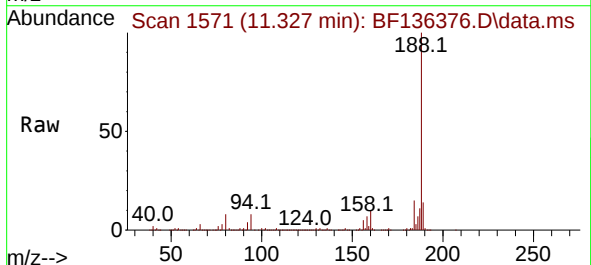


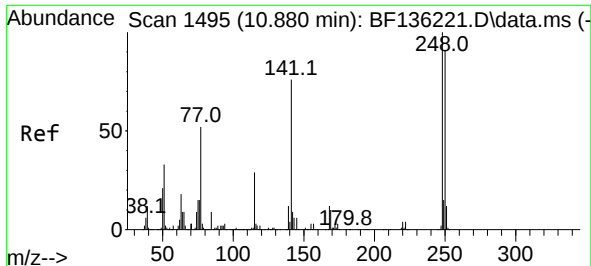
Tgt Ion:165 Resp: 43315
Ion Ratio Lower Upper
165 100
63 1.8 33.0 49.4#
89 1.2 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

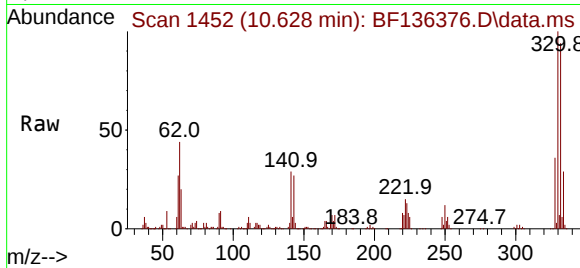
Tgt Ion:188 Resp: 734407
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.2 7.2 10.8



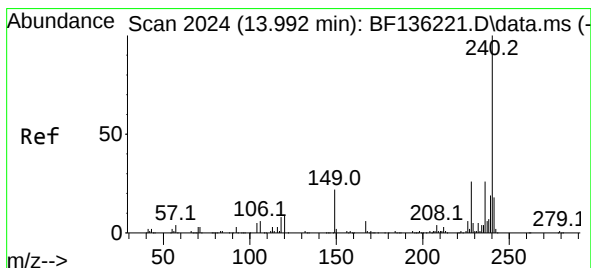
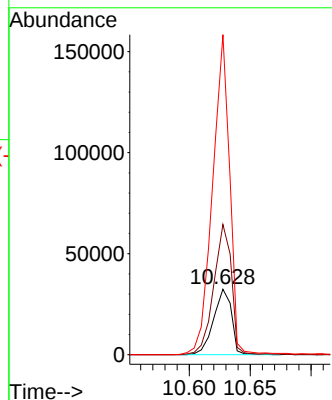
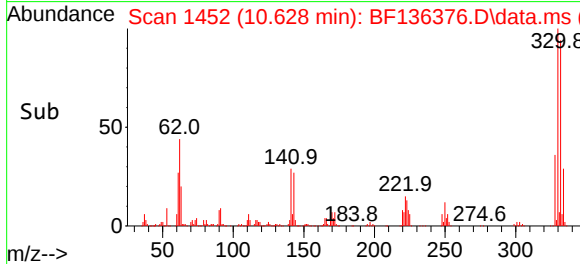


#67
4-Bromophenyl-phenylether
Concen: 3.884 ng
RT: 10.628 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

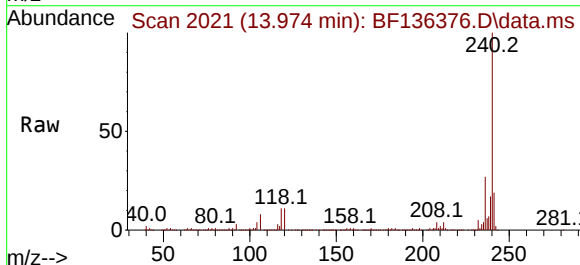
Instrument :
BNA_F
ClientSampleId :



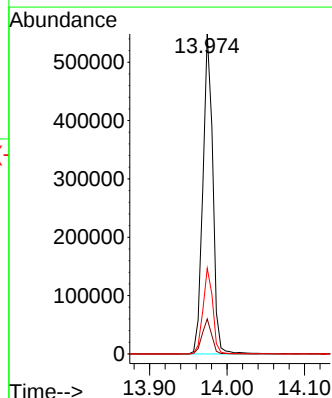
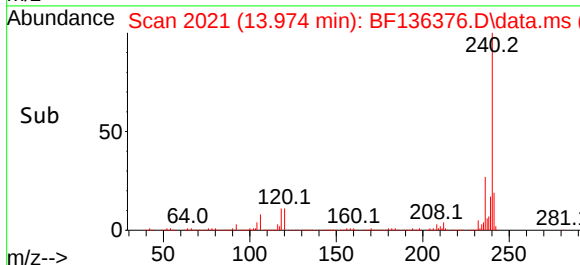
Tgt Ion:248 Resp: 33274
Ion Ratio Lower Upper
248 100
250 199.2 72.5 108.7#
141 489.4 60.8 91.2#

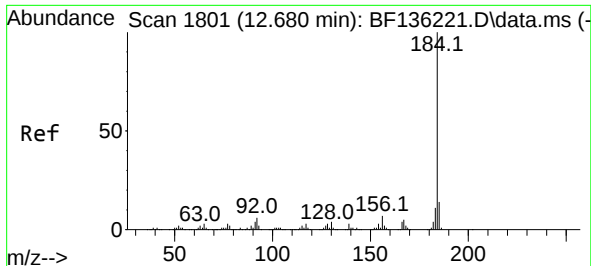


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.018 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05



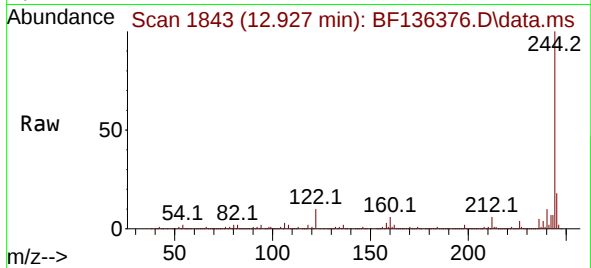
Tgt Ion:240 Resp: 489540
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.2
236 26.8 21.1 31.7



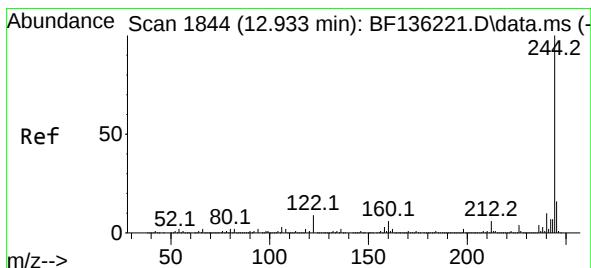
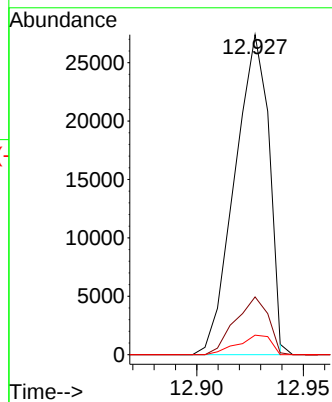
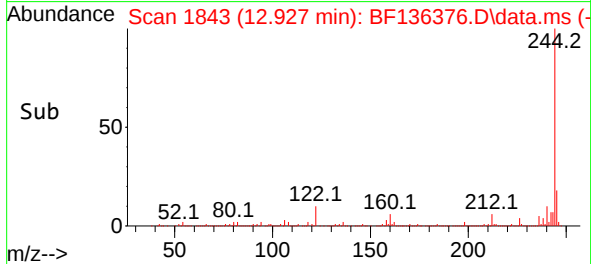


#77
Benzidine
Concen: 3.803 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05

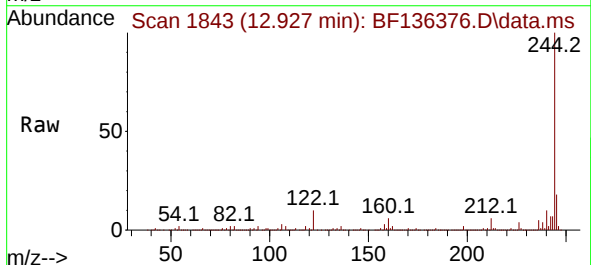
Instrument :
BNA_F
ClientSampleId :



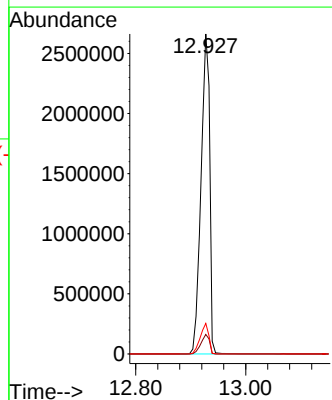
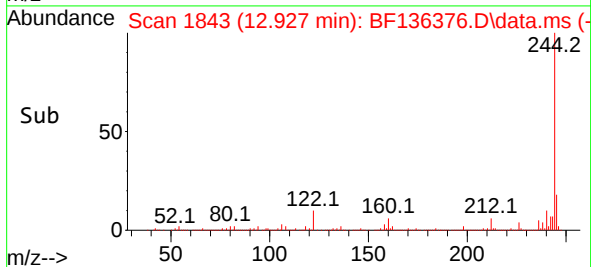
Tgt Ion:184 Resp: 30603
Ion Ratio Lower Upper
184 100
185 18.1 11.0 16.6#
183 6.1 9.0 13.4#

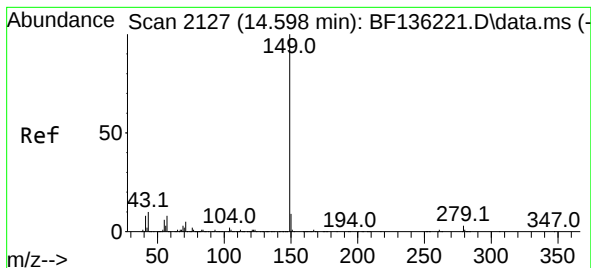


#79
Terphenyl-d14
Concen: 68.882 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136376.D
Acq: 04 Dec 2023 12:05



Tgt Ion:244 Resp: 2923370
Ion Ratio Lower Upper
244 100
212 6.1 4.6 7.0
122 9.6 7.3 10.9





#85

Di-n-octyl phthalate

Concen: 5.184 ng

RT: 14.580 min Scan# 2127

Delta R.T. -0.018 min

Lab File: BF136376.D

Acq: 04 Dec 2023 12:05

Instrument :

BNA_F

ClientSampleId :

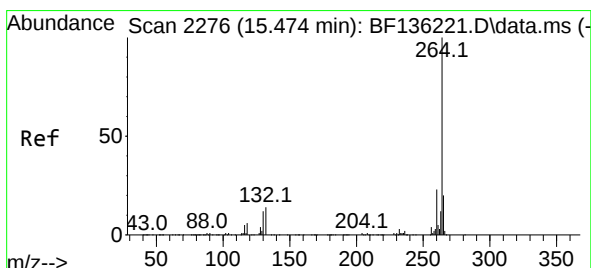
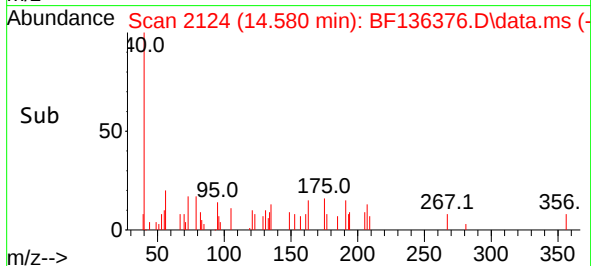
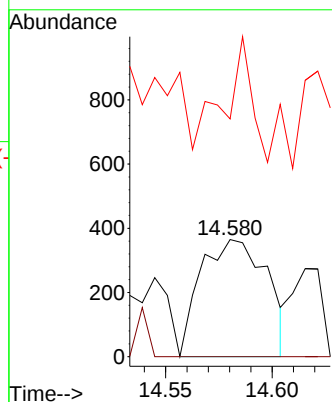
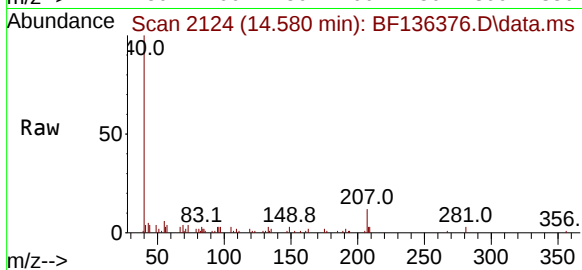
Tgt Ion:149 Resp: 792

Ion Ratio Lower Upper

149 100

167 0.0 1.0 1.6#

43 29.7 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. -0.017 min

Lab File: BF136376.D

Acq: 04 Dec 2023 12:05

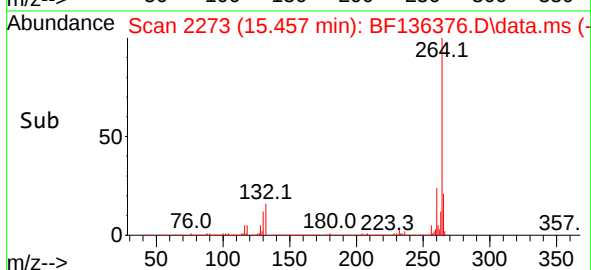
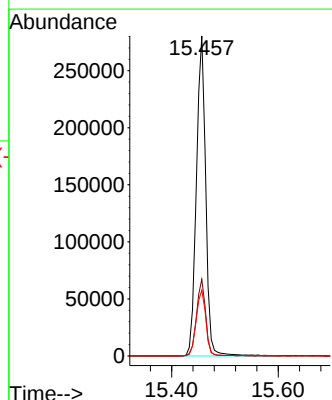
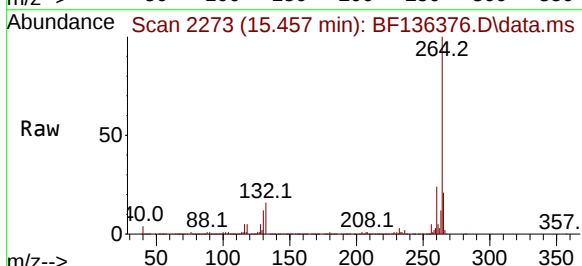
Tgt Ion:264 Resp: 342601

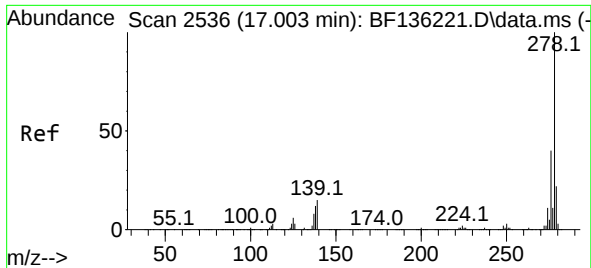
Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

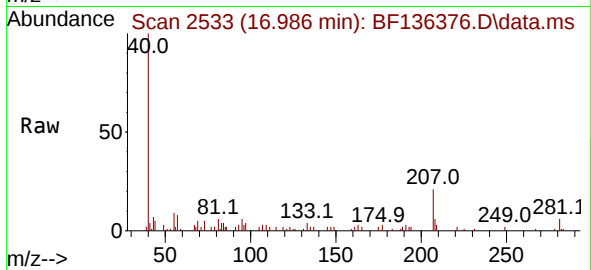
265 20.5 15.7 23.5





#91
 Dibenzo(a,h)anthracene
 Concen: 2.716 ng
 RT: 16.986 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF136376.D
 Acq: 04 Dec 2023 12:05

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	278	Resp:	66
Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	0.0	17.8	26.8#

