

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135017.D
 Acq On : 30 Aug 2023 22:06
 Operator : CG\JU
 Sample : 04197-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-20

Quant Time: Aug 31 05:57:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

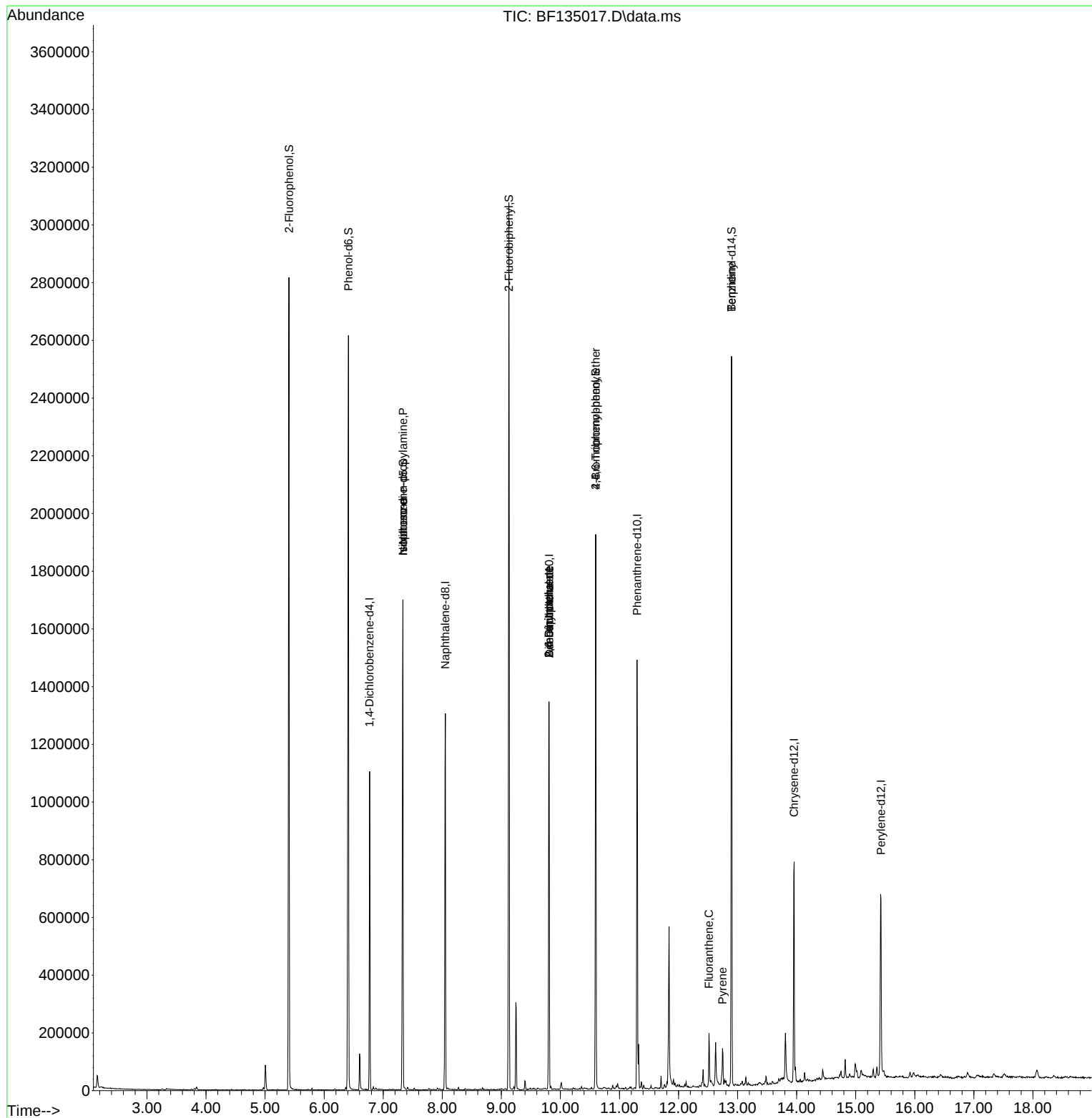
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	144517	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	582098	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	292671	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	501930	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	248513	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	286566	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	716906	76.624	ng	0.00
7) Phenol-d6	6.410	99	862817	73.986	ng	0.00
23) Nitrobenzene-d5	7.334	82	531839	51.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	218847	70.491	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	964565	53.658	ng	-0.01
79) Terphenyl-d14	12.898	244	828749	54.421	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	70589	10.190	ng	# 77
25) Isophorone	7.334	82	530051	26.982	ng	# 65
50) Dimethylphthalate	9.810	163	60971	2.975	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	37765	8.398	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	37765	6.739	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	14329	2.692	ng	# 1
75) Fluoranthene	12.516	202	66774	2.550	ng	99
77) Benzidine	12.898	184	10242	2.286	ng	# 93
78) Pyrene	12.745	202	50057	2.121	ng	98

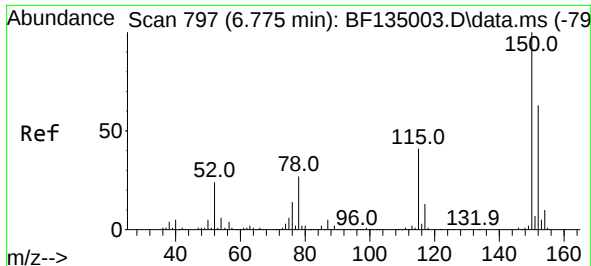
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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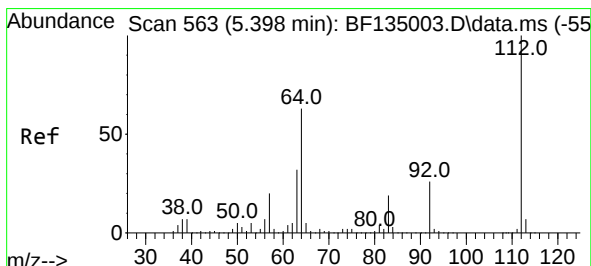
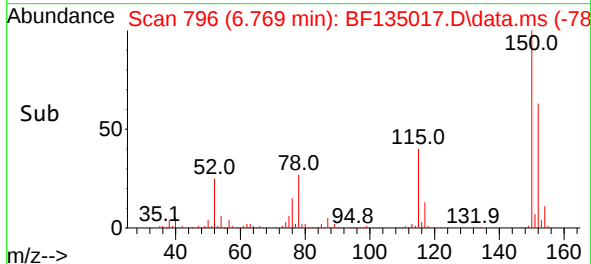
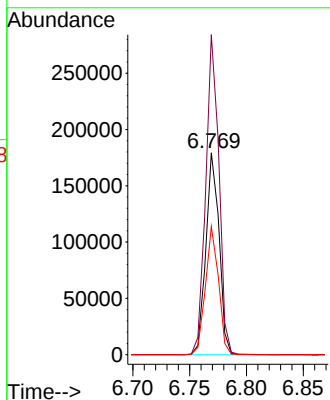
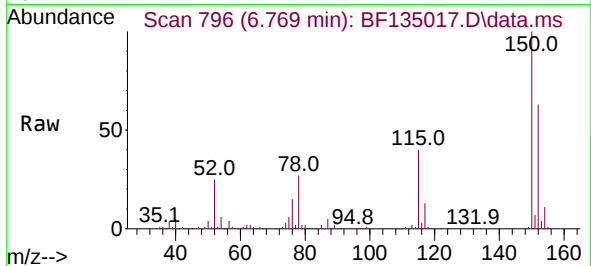




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

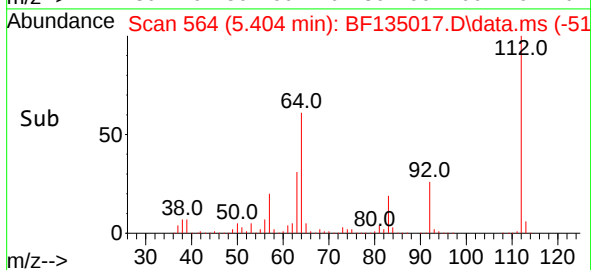
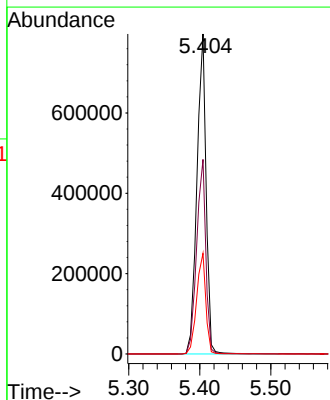
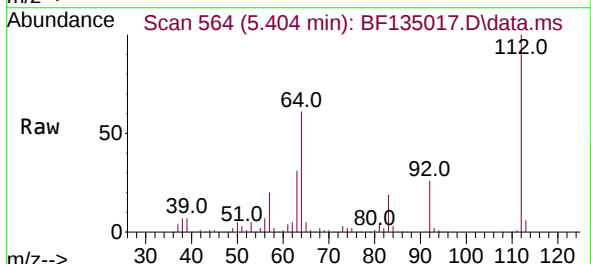
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20

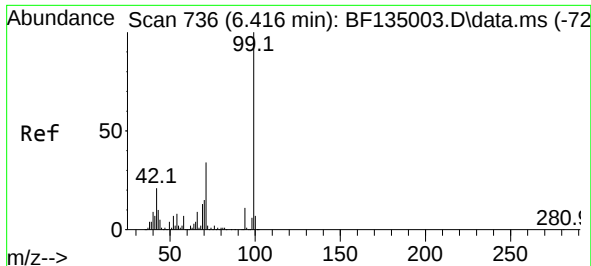
Tgt Ion:152 Resp: 144517
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.4
115 63.4 51.2 76.8



#5
2-Fluorophenol
Concen: 76.624 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

Tgt Ion:112 Resp: 716906
Ion Ratio Lower Upper
112 100
64 60.8 50.5 75.7
63 31.5 25.9 38.9

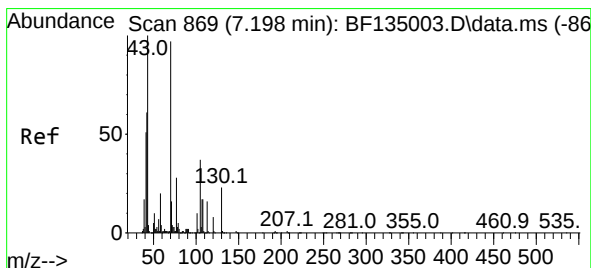
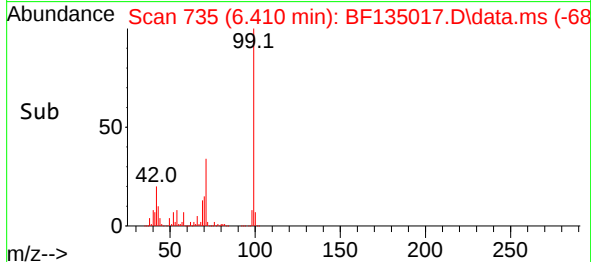
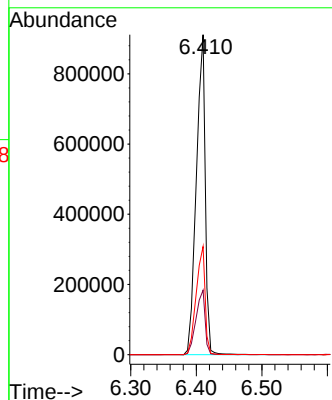
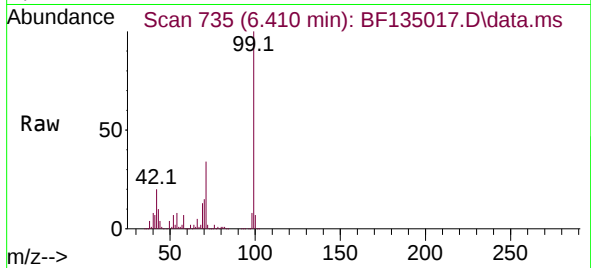




#7
Phenol-d6
Concen: 73.986 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

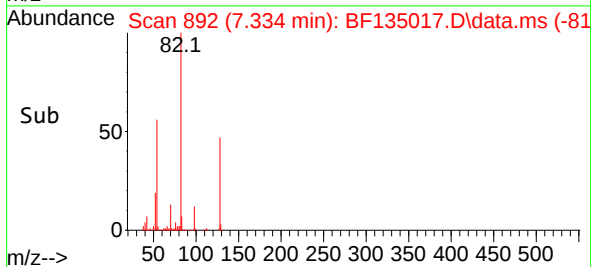
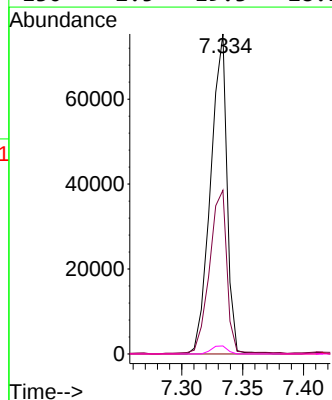
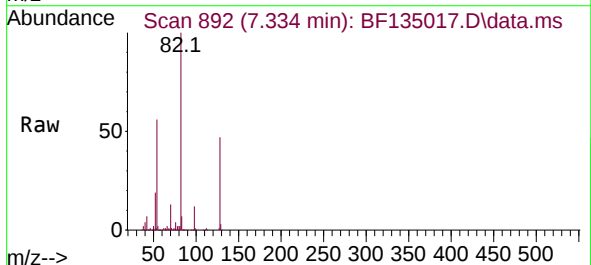
Instrument :
BNA_F
ClientSampleId :
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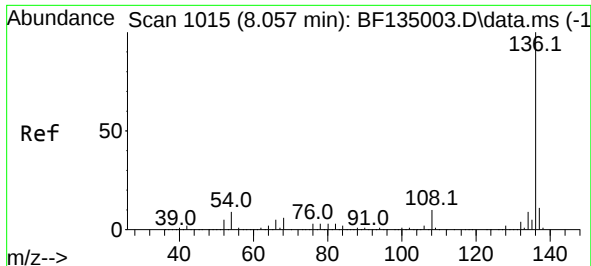
Tgt Ion: 99 Resp: 862817
Ion Ratio Lower Upper
99 100
42 20.1 16.6 25.0
71 33.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.190 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

Tgt Ion: 70 Resp: 70589
Ion Ratio Lower Upper
70 100
42 51.2 50.2 75.4
101 0.0 8.1 12.1#
130 2.5 19.3 28.9#

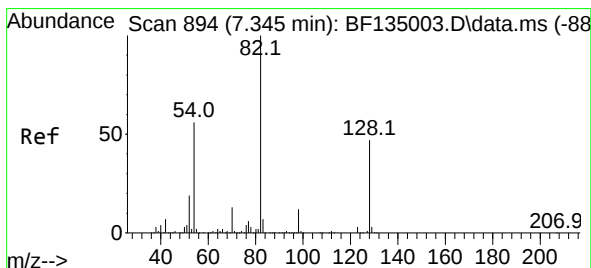
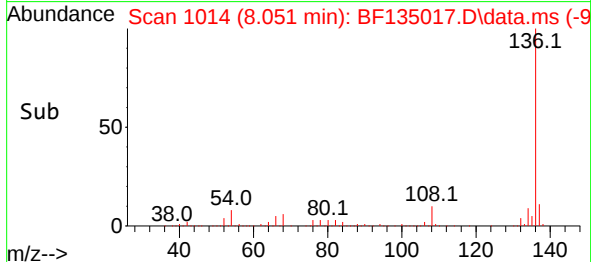
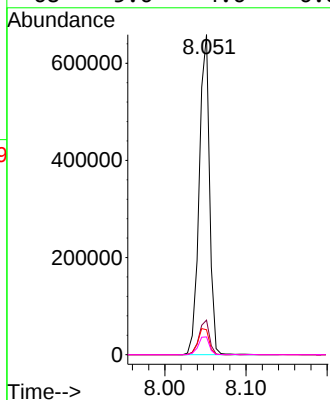
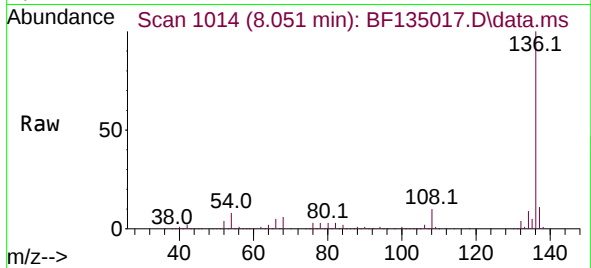




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

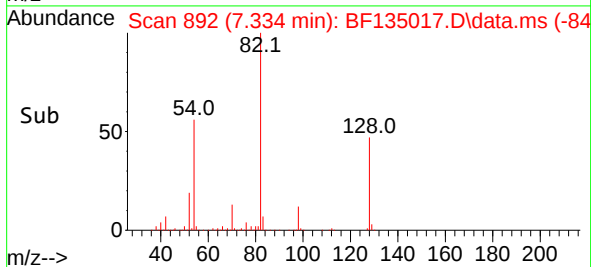
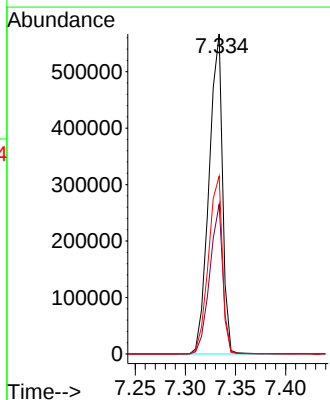
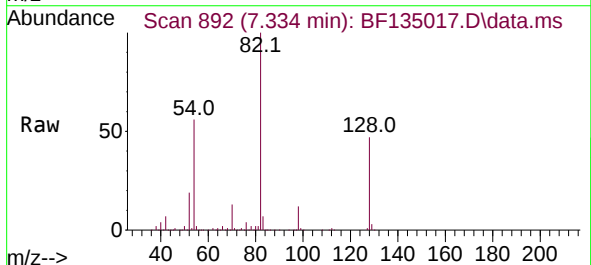
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20

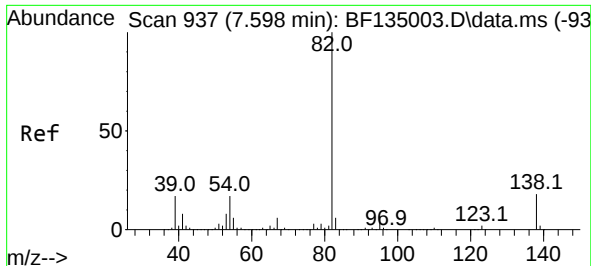
Tgt Ion:	136	Resp:	582098
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.8	7.0	10.4
68	5.6	4.6	6.8



#23
Nitrobenzene-d5
Concen: 51.330 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

Tgt Ion:	82	Resp:	531839
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.8	56.8
54	55.6	45.0	67.6

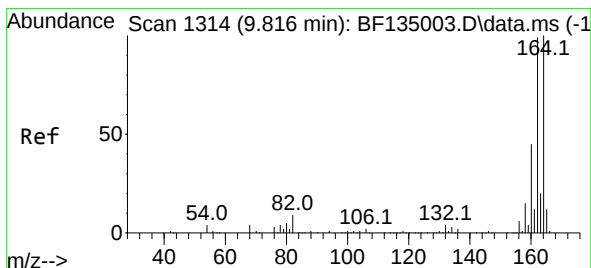
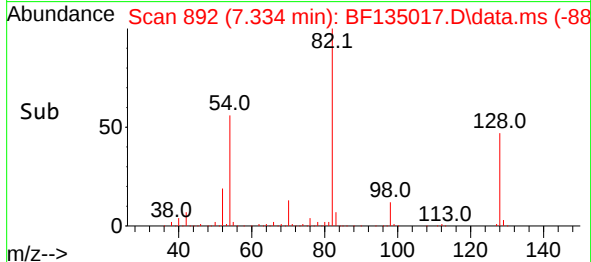
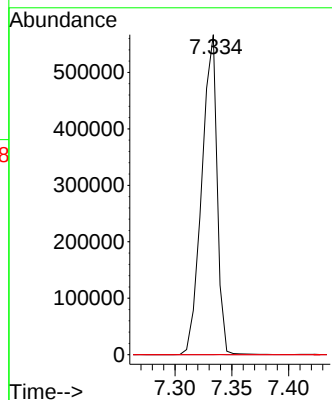
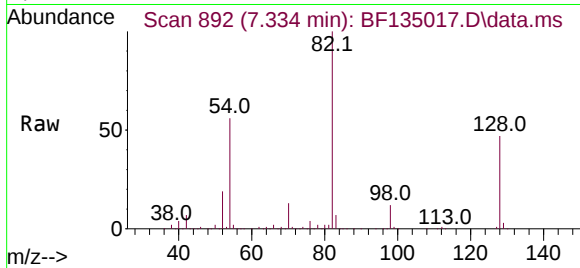




#25
Isophorone
Concen: 26.982 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

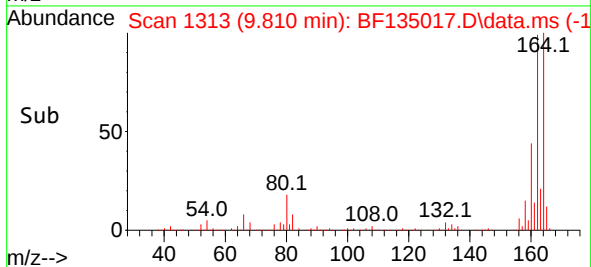
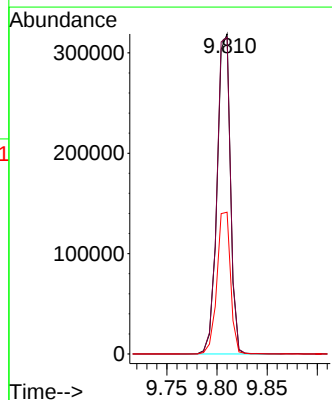
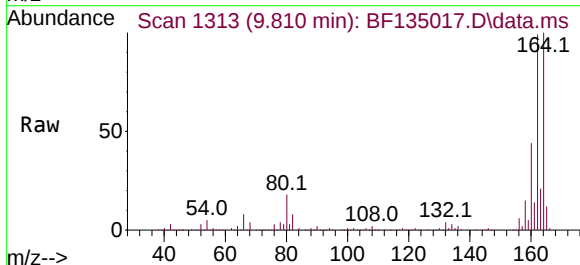
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20

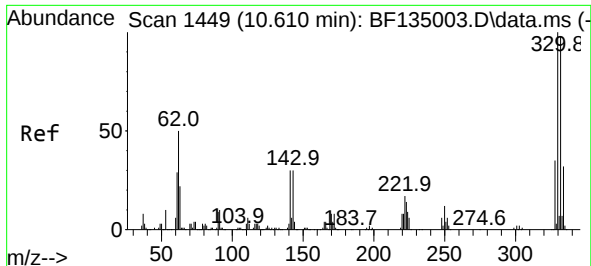
Tgt Ion: 82 Resp: 530051
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

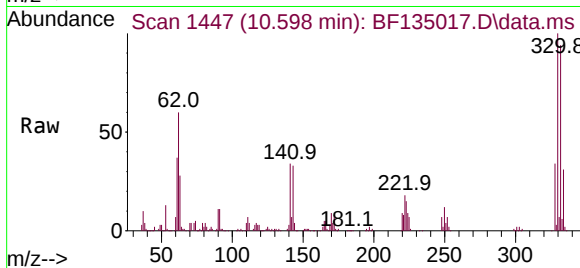
Tgt Ion: 164 Resp: 292671
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 44.3 36.0 54.0





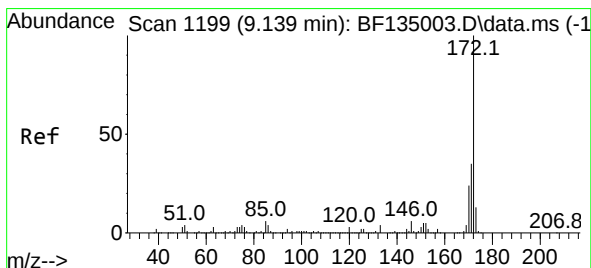
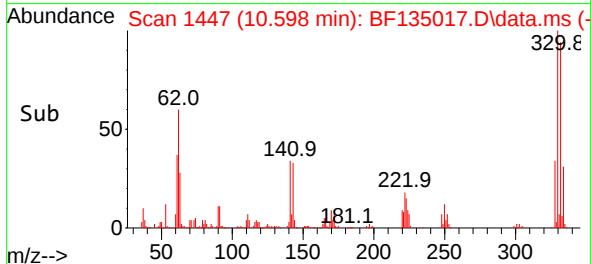
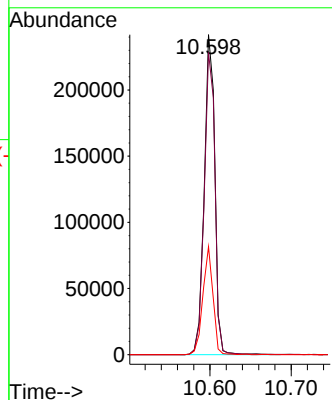
#42
 2,4,6-Tribromophenol
 Concen: 70.491 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF135017.D
 Acq: 30 Aug 2023 22:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-20



Tgt Ion:330 Resp: 218847

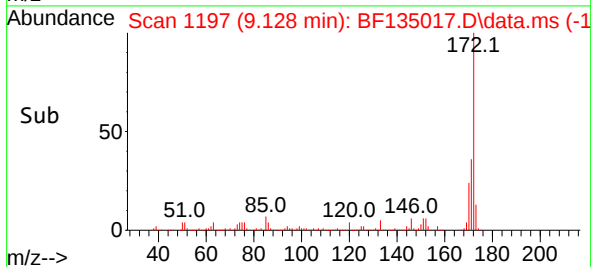
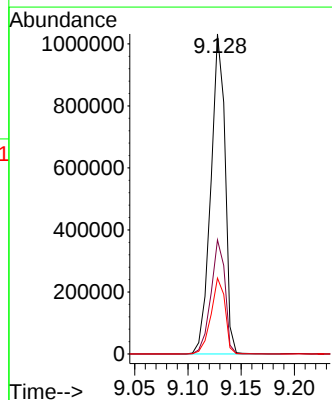
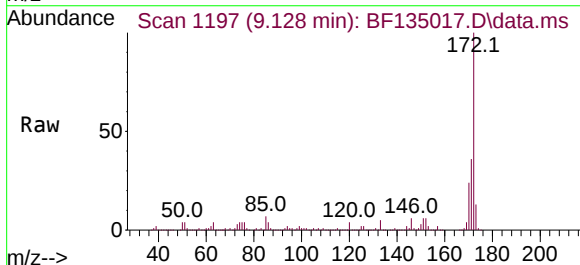
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	32.4	26.3	39.5

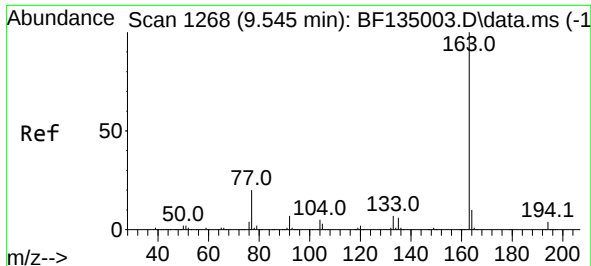


#45
 2-Fluorobiphenyl
 Concen: 53.658 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF135017.D
 Acq: 30 Aug 2023 22:06

Tgt Ion:172 Resp: 964565

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.7	19.0	28.4

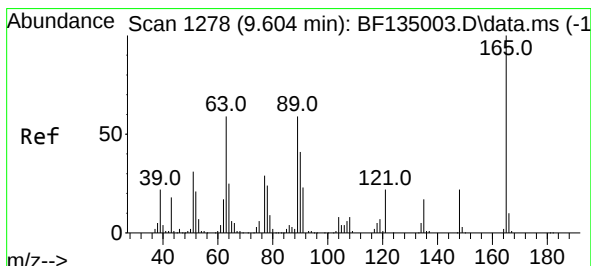
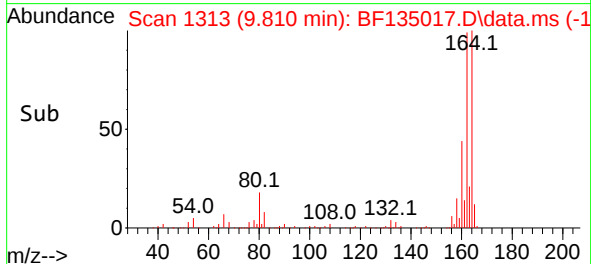
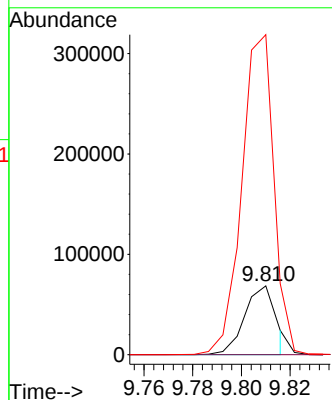
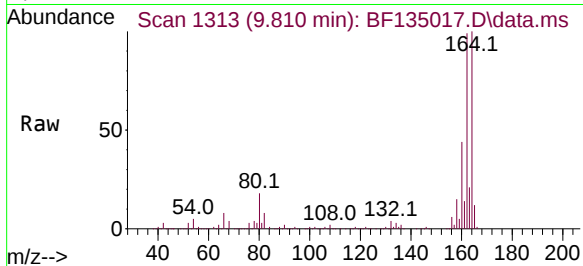




#50
Dimethylphthalate
Concen: 2.975 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

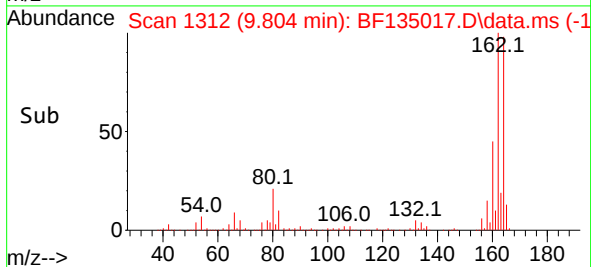
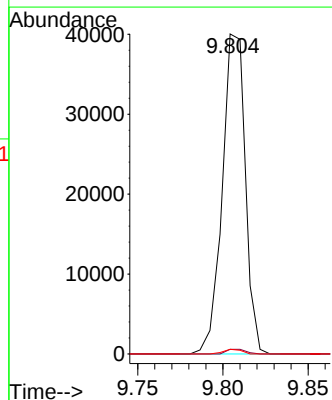
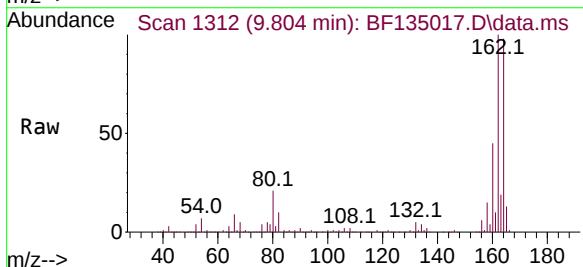
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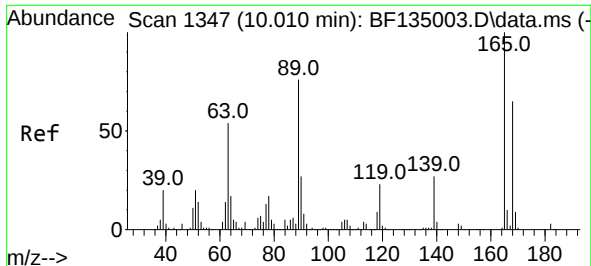
Tgt Ion:163 Resp: 60971
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.1 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.398 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

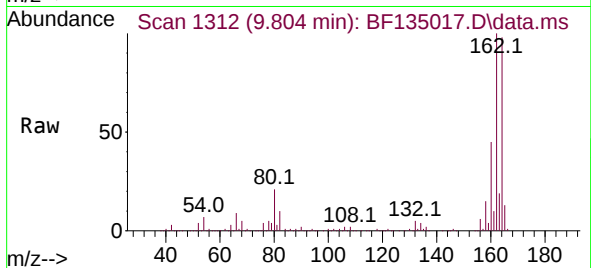
Tgt Ion:165 Resp: 37765
Ion Ratio Lower Upper
165 100
63 1.5 50.4 75.6#
89 1.5 47.1 70.7#



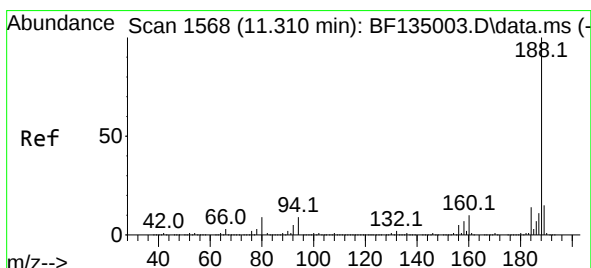
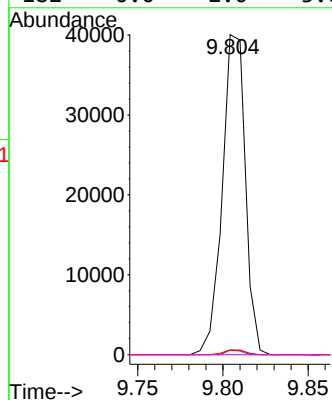
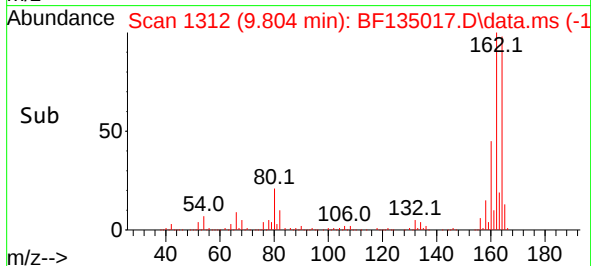


#57
2,4-Dinitrotoluene
Concen: 6.739 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-20

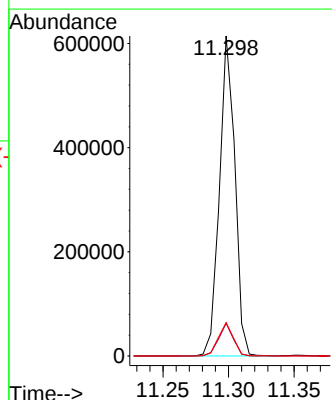
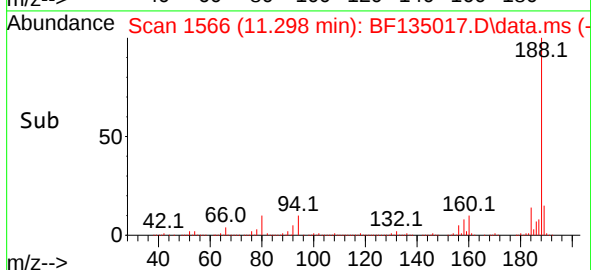
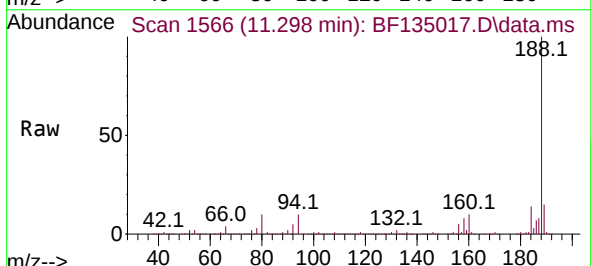


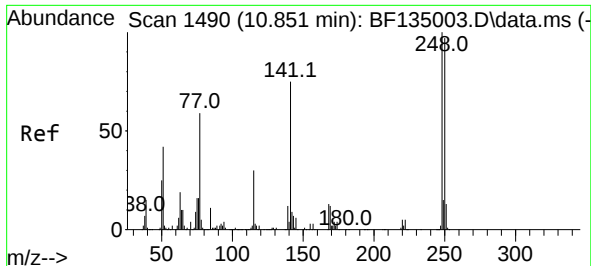
Tgt Ion:165 Resp: 37765
Ion Ratio Lower Upper
165 100
63 1.5 43.2 64.8#
89 1.5 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135017.D
Acq: 30 Aug 2023 22:06

Tgt Ion:188 Resp: 501930
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 10.5 7.4 11.2





#67

4-Bromophenyl-phenylether

Concen: 2.692 ng

RT: 10.598 min Scan# 1490

Delta R.T. -0.253 min

Lab File: BF135017.D

Acq: 30 Aug 2023 22:06

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-20

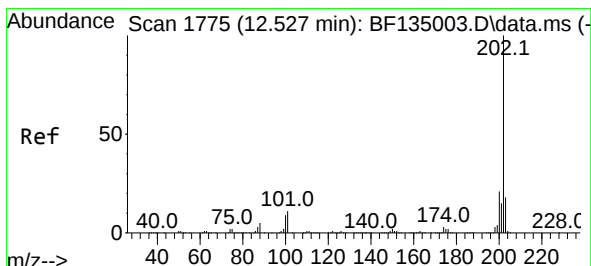
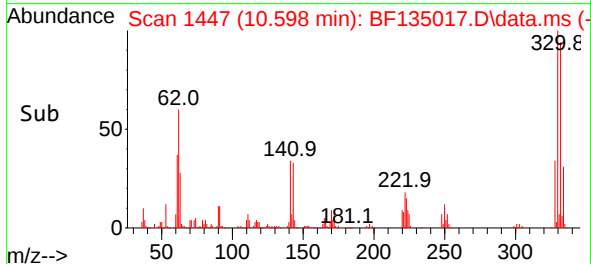
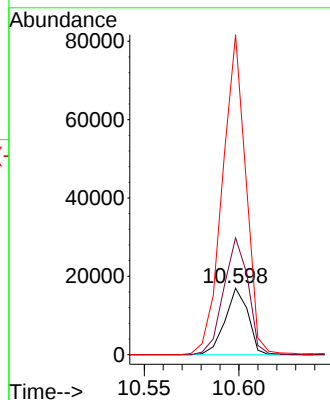
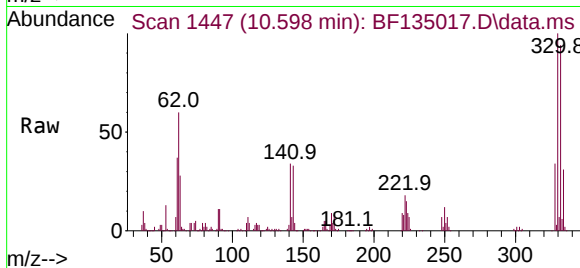
Tgt Ion:248 Resp: 14329

Ion Ratio Lower Upper

248 100

250 175.7 77.9 116.9#

141 481.3 59.8 89.8#



#75

Fluoranthene

Concen: 2.550 ng

RT: 12.516 min Scan# 1773

Delta R.T. -0.012 min

Lab File: BF135017.D

Acq: 30 Aug 2023 22:06

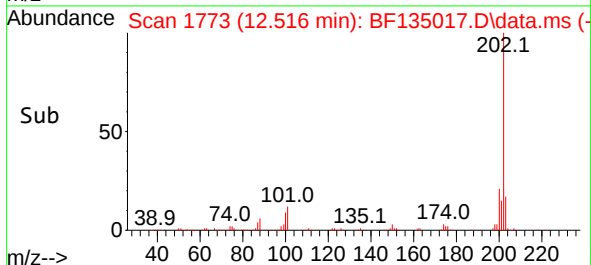
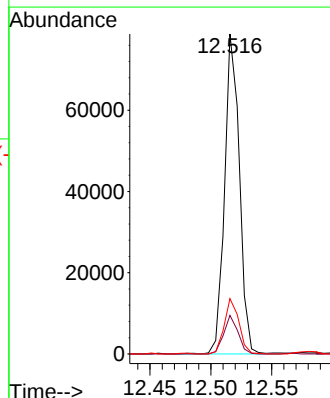
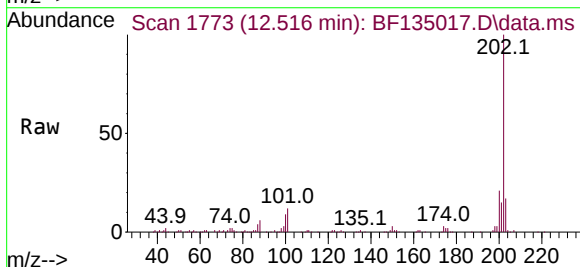
Tgt Ion:202 Resp: 66774

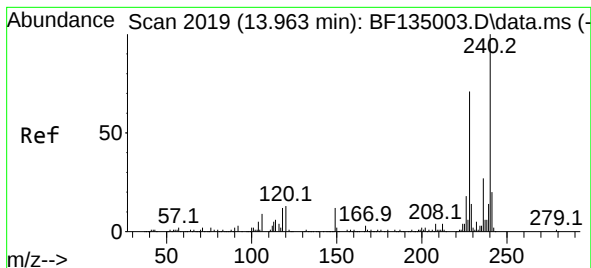
Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

203 17.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF135017.D

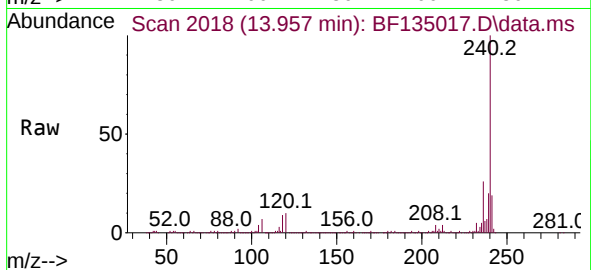
Acq: 30 Aug 2023 22:06

Instrument :

BNA_F

ClientSampleId :

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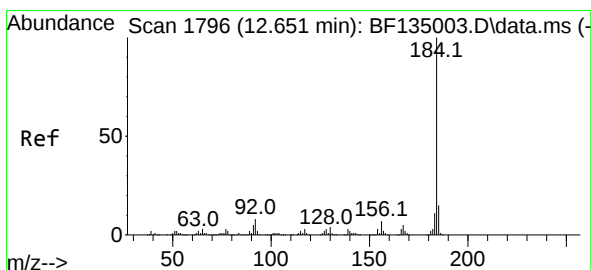
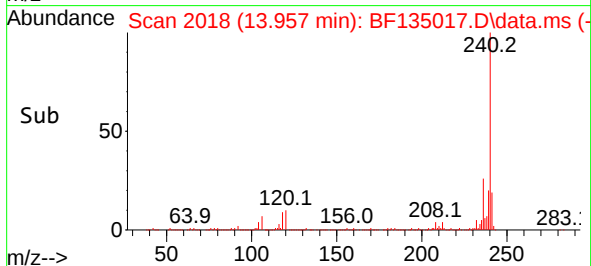
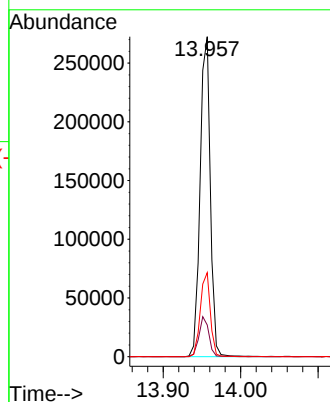
Tgt Ion:240 Resp: 248513

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.2#

236 26.3 21.3 31.9



#77

Benzidine

Concen: 2.286 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135017.D

Acq: 30 Aug 2023 22:06

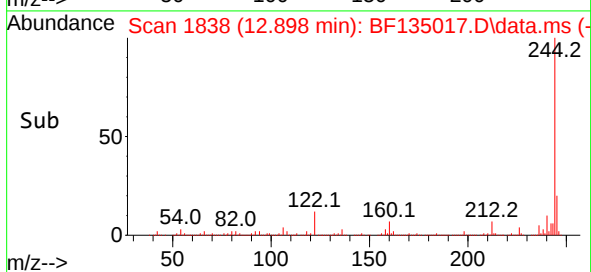
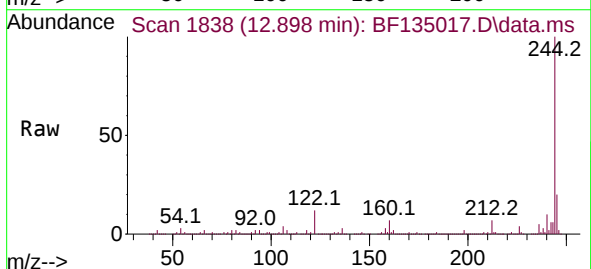
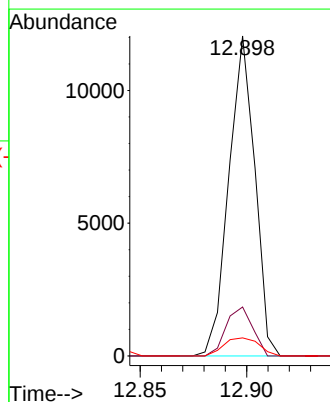
Tgt Ion:184 Resp: 10242

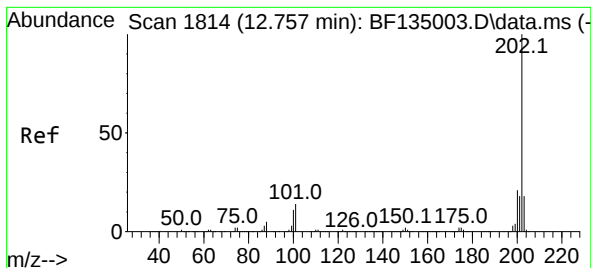
Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

183 5.6 9.0 13.6#





#78

Pyrene

Concen: 2.121 ng

RT: 12.745 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF135017.D

Acq: 30 Aug 2023 22:06

Instrument :

BNA_F

ClientSampleId :

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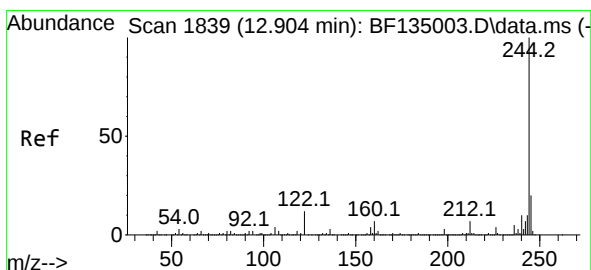
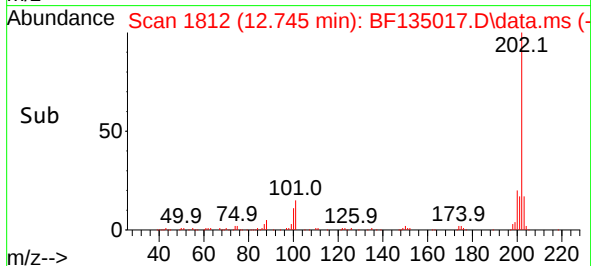
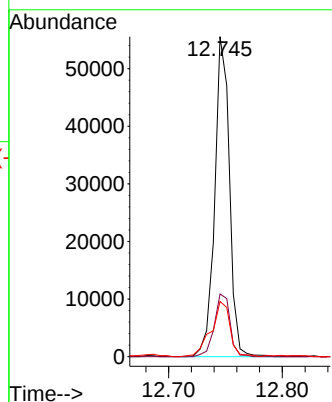
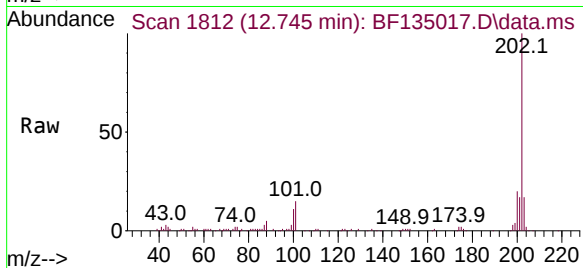
Tgt Ion:202 Resp: 50057

Ion Ratio Lower Upper

202 100

200 19.6 17.0 25.6

203 17.2 14.2 21.2



#79

Terphenyl-d14

Concen: 54.421 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135017.D

Acq: 30 Aug 2023 22:06

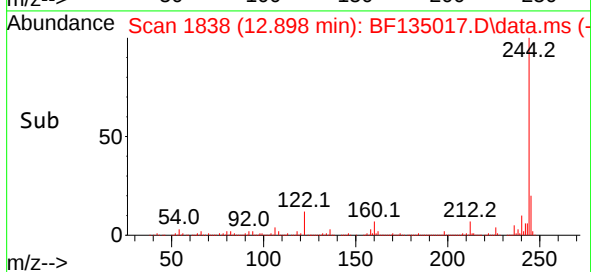
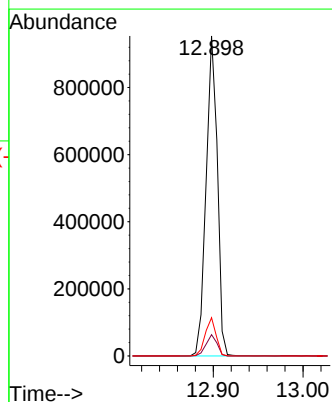
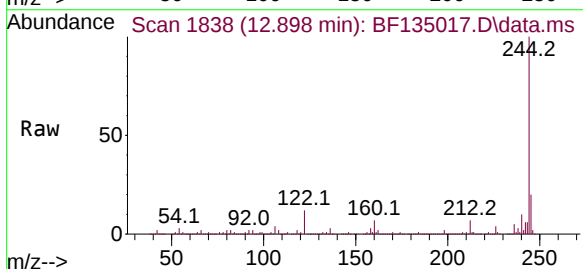
Tgt Ion:244 Resp: 828749

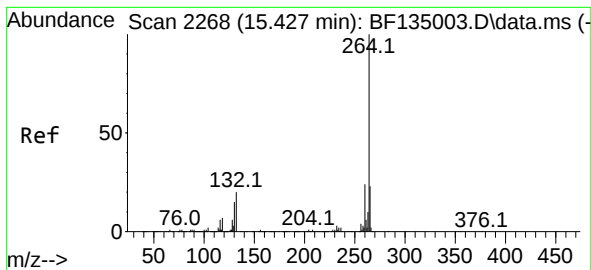
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

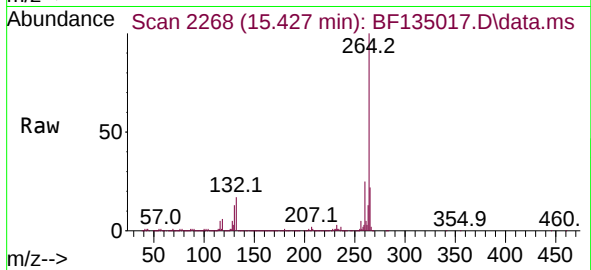
122 11.9 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135017.D
 Acq: 30 Aug 2023 22:06

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-20



Tgt Ion:264 Resp: 286566
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 22.1 18.2 27.2

