

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135027.D
 Acq On : 31 Aug 2023 03:28
 Operator : CG\JU
 Sample : 04198-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-24

Quant Time: Aug 31 06:01:25 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)

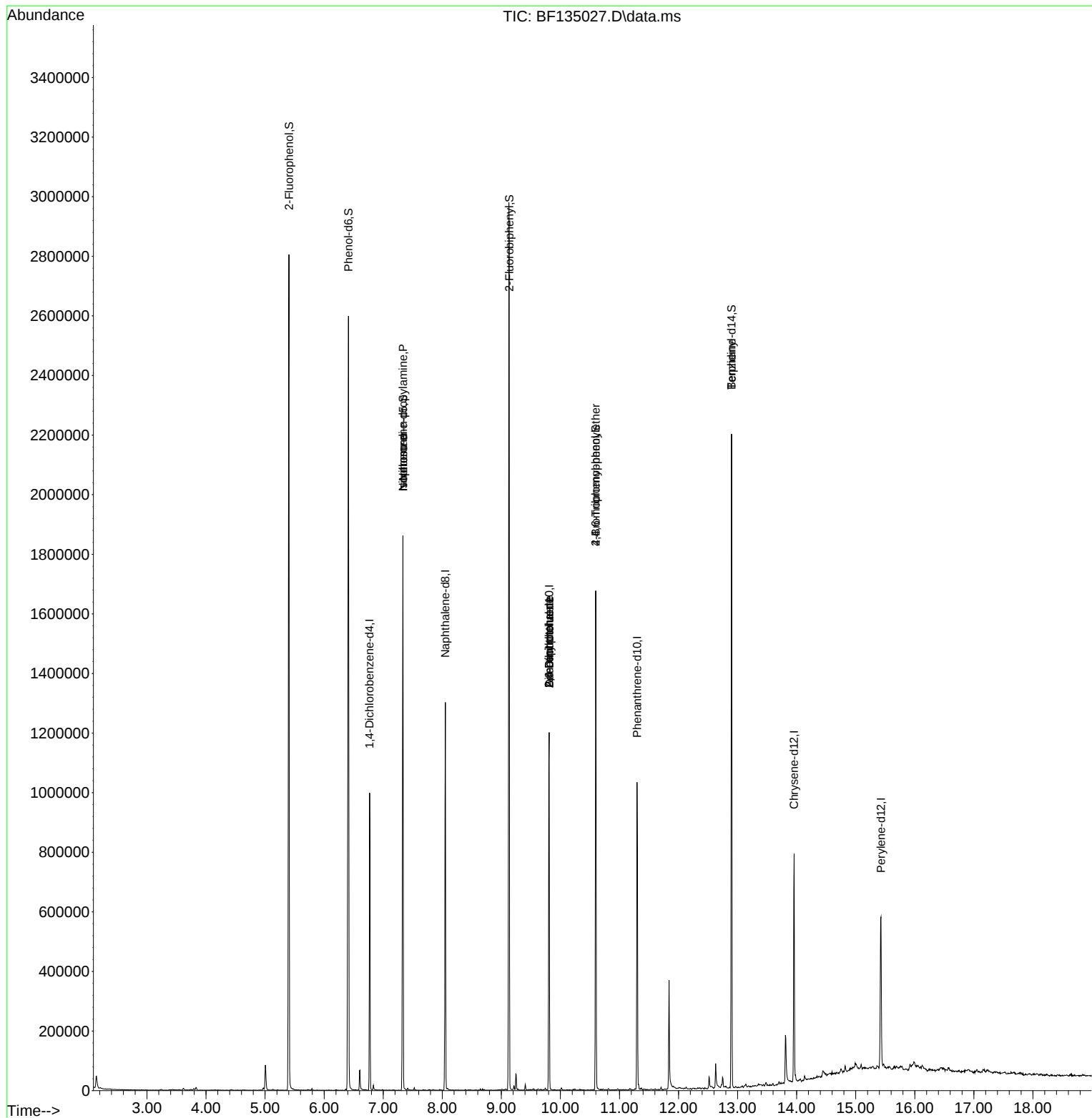
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	138624	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	538693	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	246492	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	356239	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	252236	20.000	ng	0.00
86) Perylene-d12	15.427	264	243462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	747495	83.290	ng	0.00
7) Phenol-d6	6.410	99	917864	82.052	ng	0.00
23) Nitrobenzene-d5	7.334	82	552915	57.664	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	185912	71.101	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	961365	63.499	ng	0.00
79) Terphenyl-d14	12.898	244	717322	46.409	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	74578	11.224	ng	# 76
25) Isophorone	7.334	82	552910	30.413	ng	# 65
50) Dimethylphthalate	9.810	163	50905	2.949	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	31645	8.356	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	31645	6.705	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	11686	3.093	ng	# 1
77) Benzidine	12.898	184	9095	2.000	ng	# 94

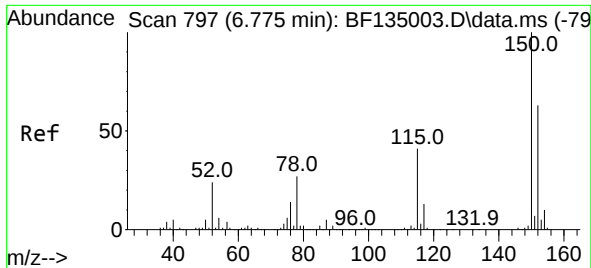
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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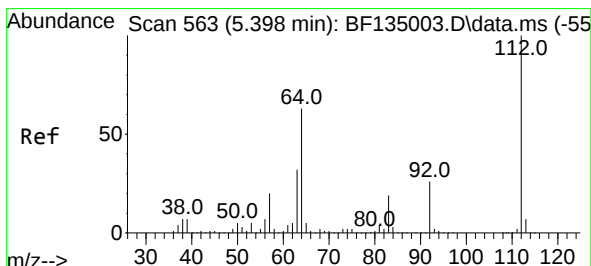
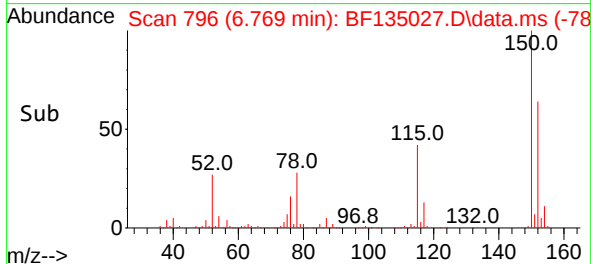
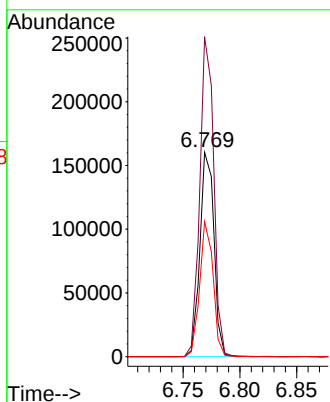
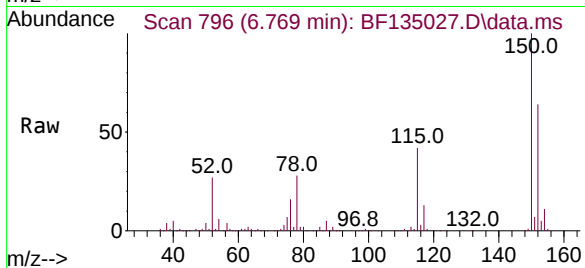




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

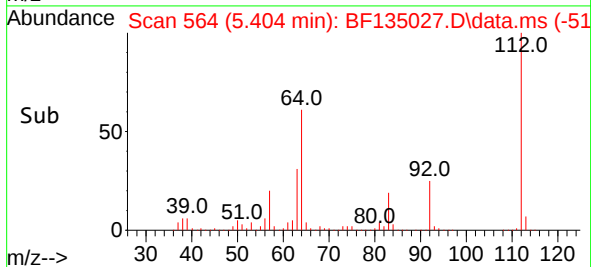
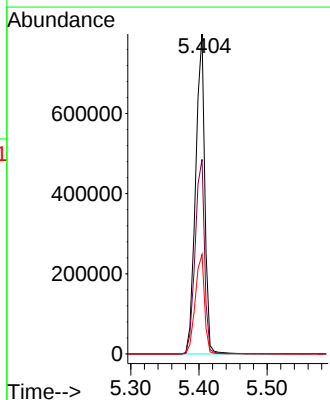
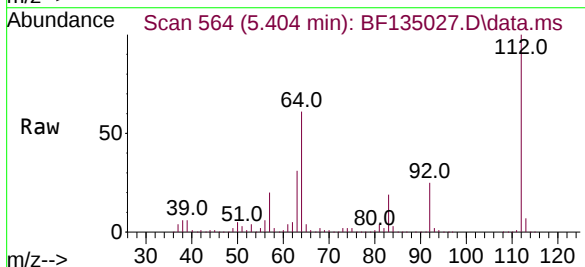
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-24

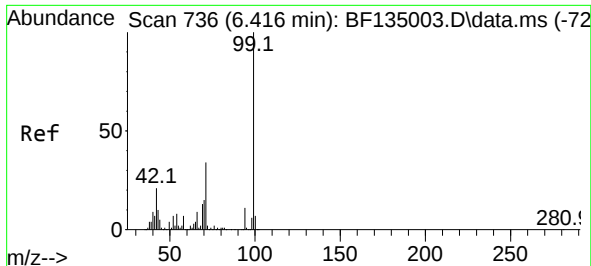
Tgt Ion:152 Resp: 138624
Ion Ratio Lower Upper
152 100
150 156.6 126.2 189.4
115 66.1 51.2 76.8



#5
2-Fluorophenol
Concen: 83.290 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

Tgt Ion:112 Resp: 747495
Ion Ratio Lower Upper
112 100
64 60.8 50.5 75.7
63 31.1 25.9 38.9

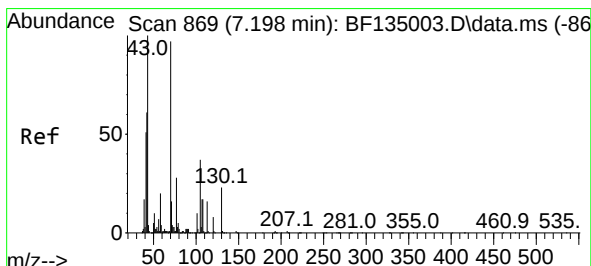
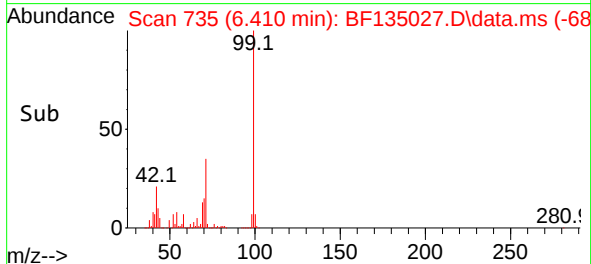
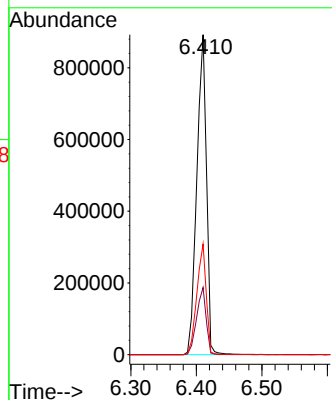
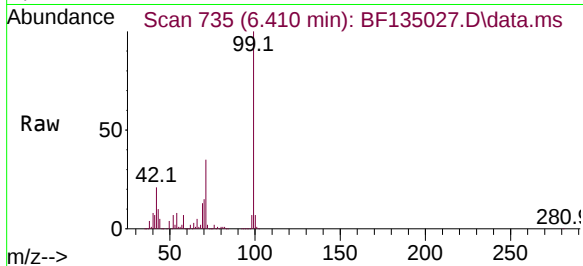




#7
Phenol-d6
Concen: 82.052 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

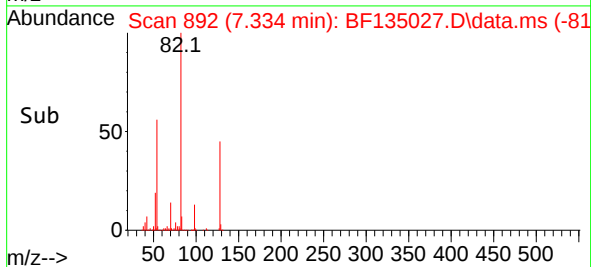
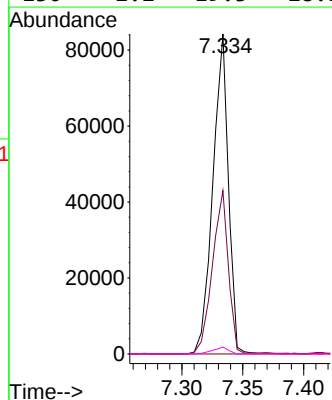
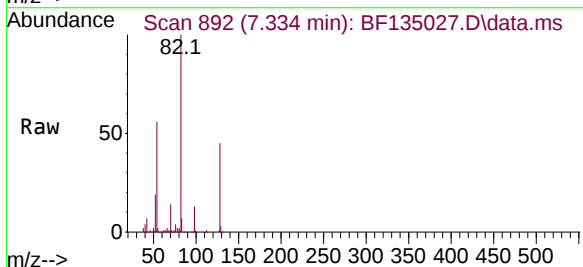
Instrument :
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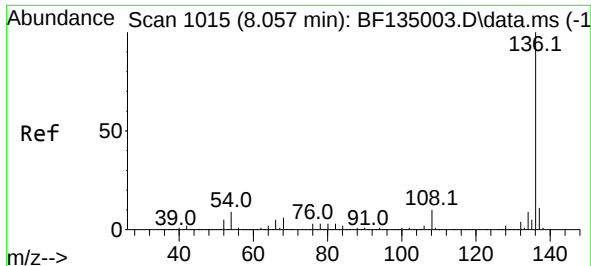
Tgt Ion: 99 Resp: 917864
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 34.6 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.224 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

Tgt Ion: 70 Resp: 74578
Ion Ratio Lower Upper
70 100
42 51.1 50.2 75.4
101 0.0 8.1 12.1#
130 2.2 19.3 28.9#

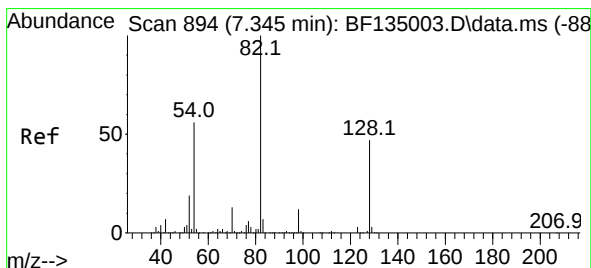
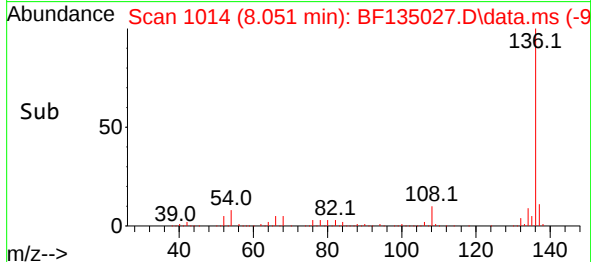
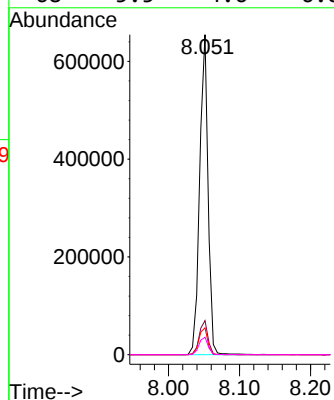
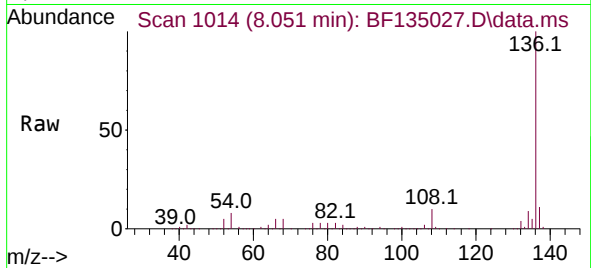




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

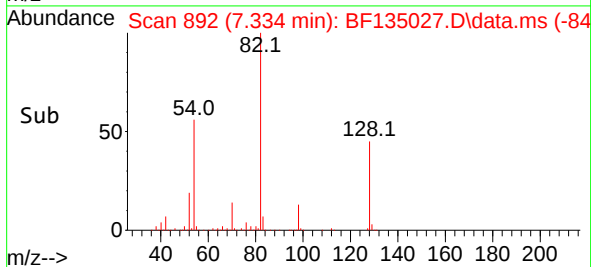
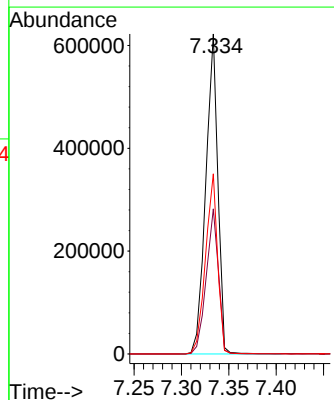
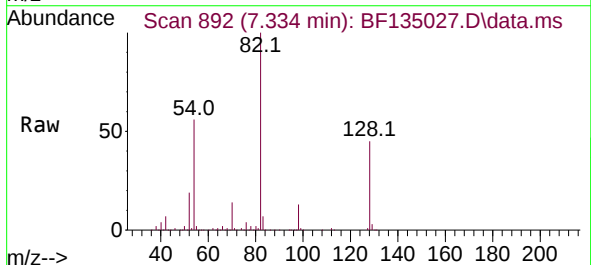
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-24

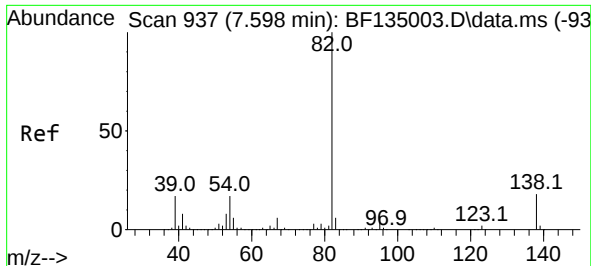
Tgt	Ion:136	Resp:	538693
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	7.0	10.4
68	5.5	4.6	6.8



#23
Nitrobenzene-d5
Concen: 57.664 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

Tgt Ion: 82	Resp: 552915
Ion Ratio	Lower Upper
82 100	
128 45.3	37.8 56.8
54 56.3	45.0 67.6

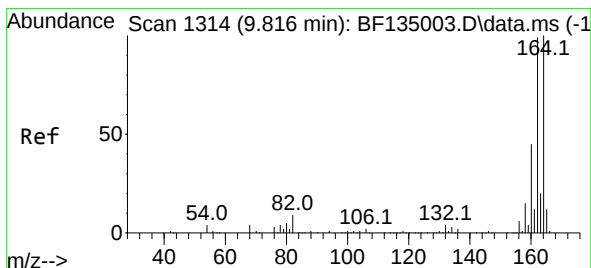
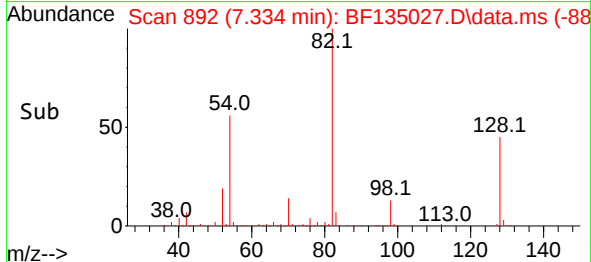
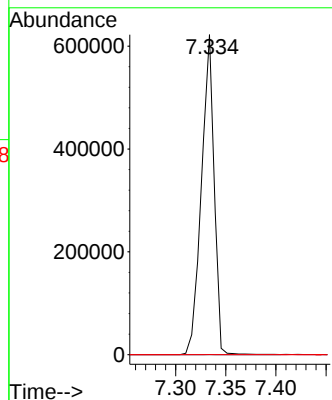
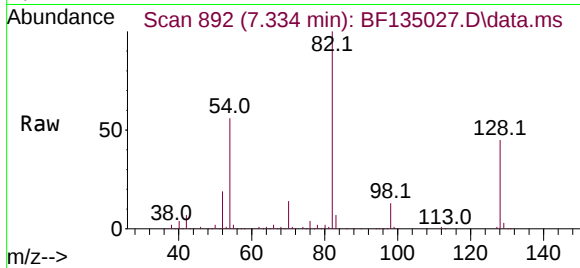




#25
Isophorone
Concen: 30.413 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

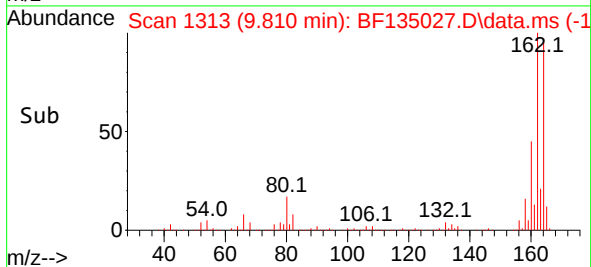
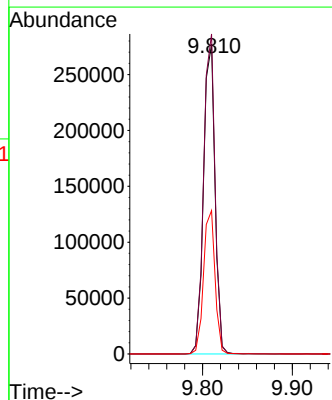
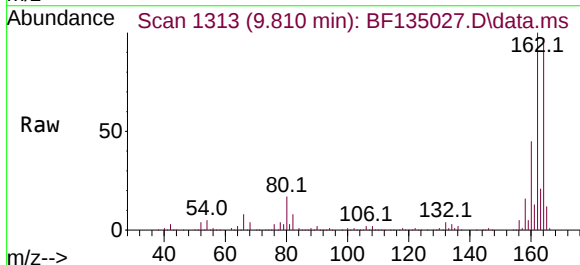
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-24

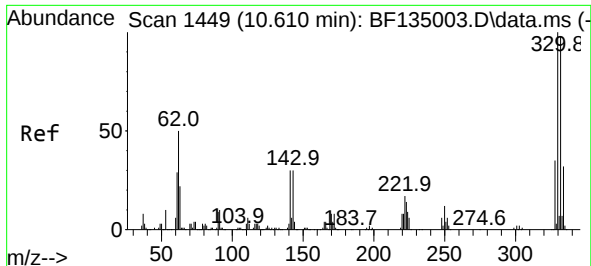
Tgt Ion: 82 Resp: 552910
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

Tgt Ion:164 Resp: 246492
Ion Ratio Lower Upper
164 100
162 103.3 79.5 119.3
160 46.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 71.101 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135027.D

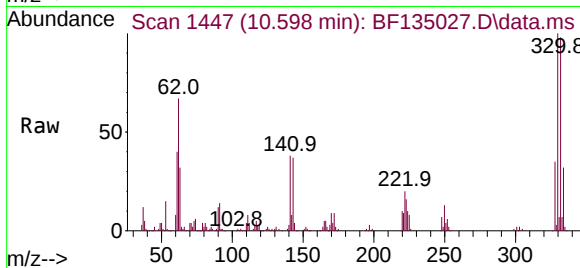
Acq: 31 Aug 2023 03:28

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-24



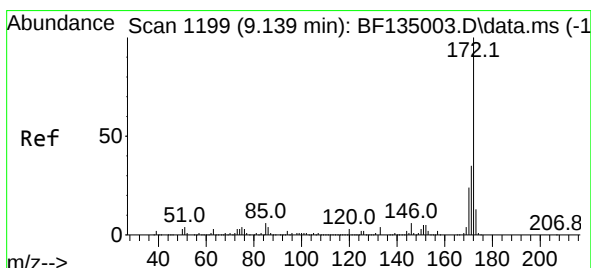
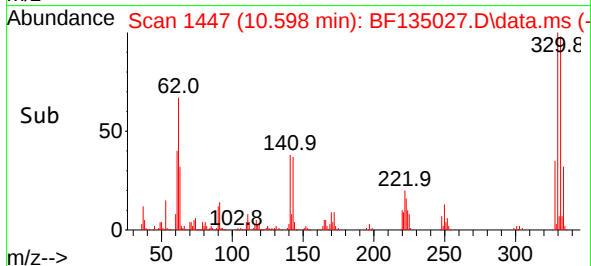
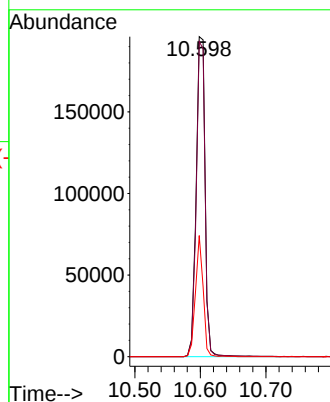
Tgt Ion:330 Resp: 185912

Ion Ratio Lower Upper

330 100

332 97.0 77.6 116.4

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 63.499 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135027.D

Acq: 31 Aug 2023 03:28

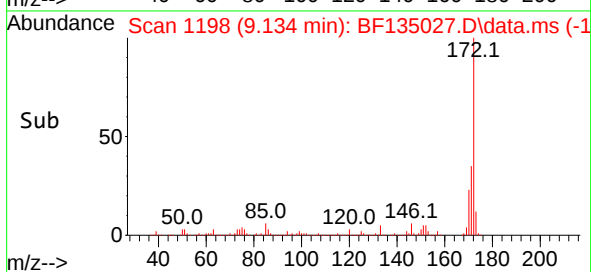
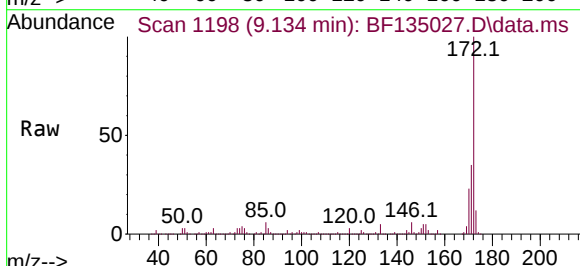
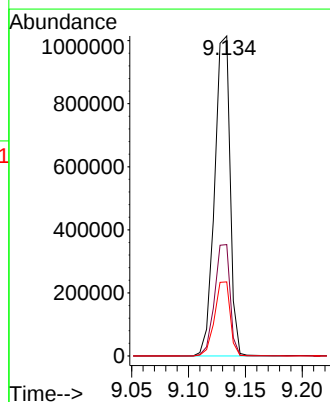
Tgt Ion:172 Resp: 961365

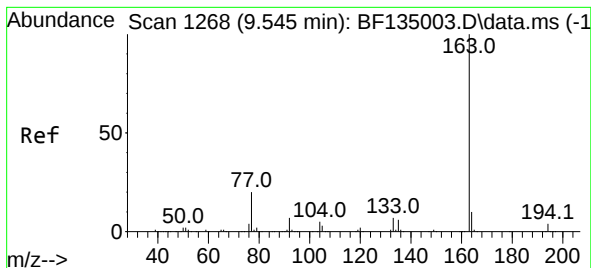
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.2 19.0 28.4





#50

Dimethylphthalate

Concen: 2.949 ng

RT: 9.810 min Scan# 11

Delta R.T. 0.265 min

Lab File: BF135027.D

Acq: 31 Aug 2023 03:28

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-24

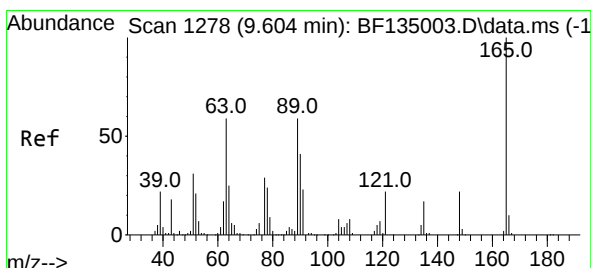
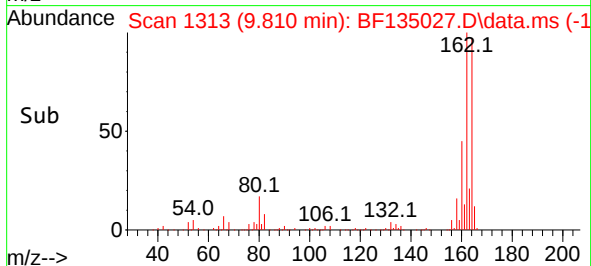
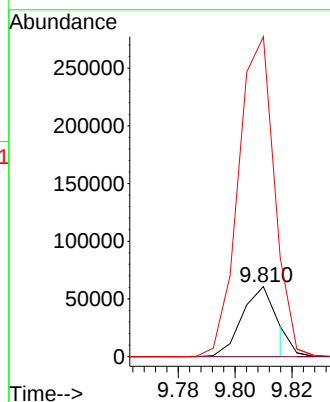
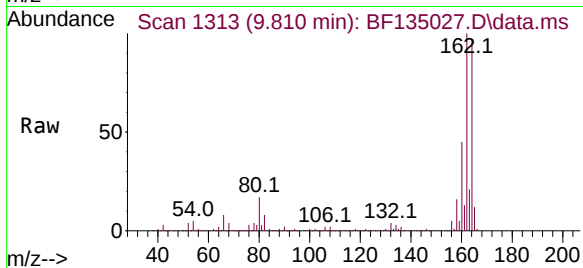
Tgt Ion:163 Resp: 50905

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

164 456.8 8.1 12.1#



#51

2,6-Dinitrotoluene

Concen: 8.356 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.206 min

Lab File: BF135027.D

Acq: 31 Aug 2023 03:28

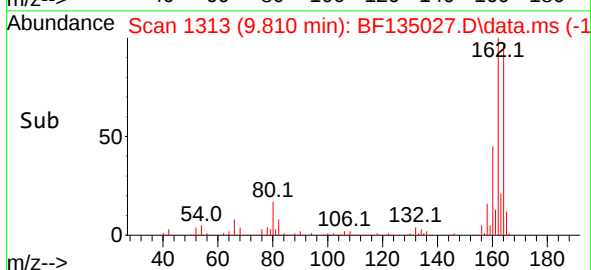
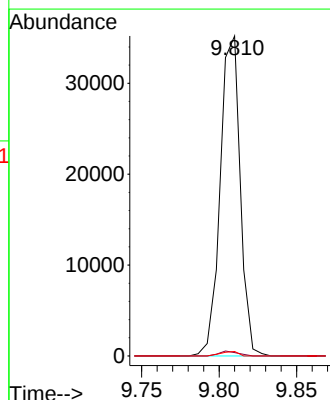
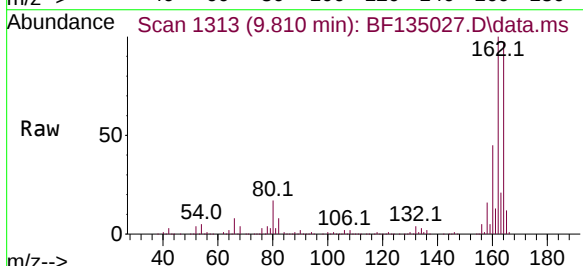
Tgt Ion:165 Resp: 31645

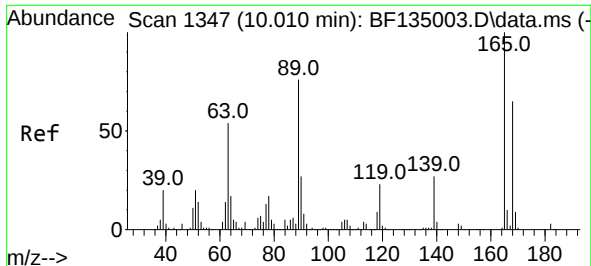
Ion Ratio Lower Upper

165 100

63 1.0 50.4 75.6#

89 1.4 47.1 70.7#

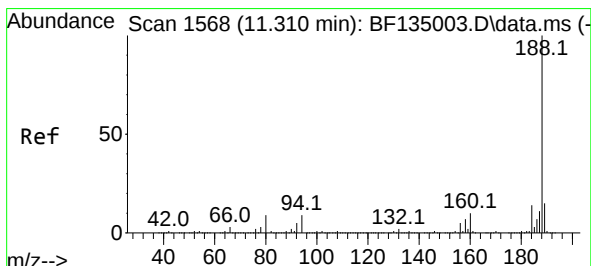
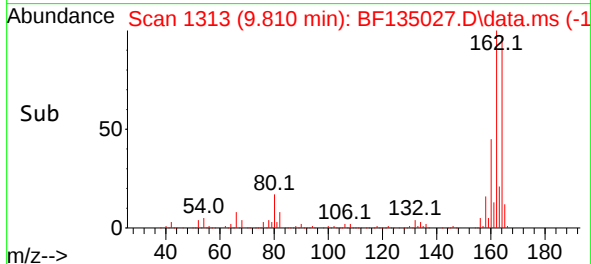
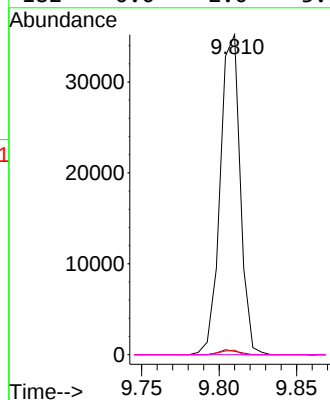
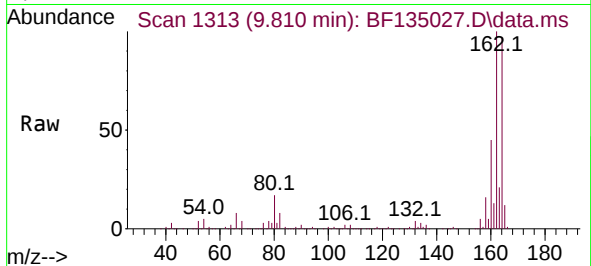




#57
2,4-Dinitrotoluene
Concen: 6.705 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

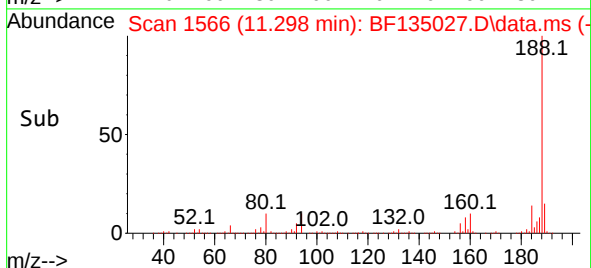
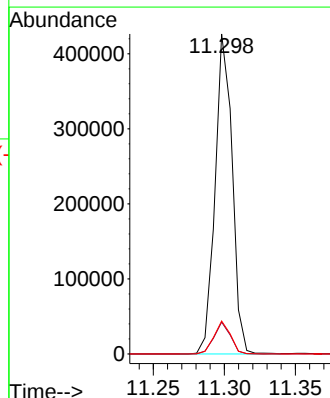
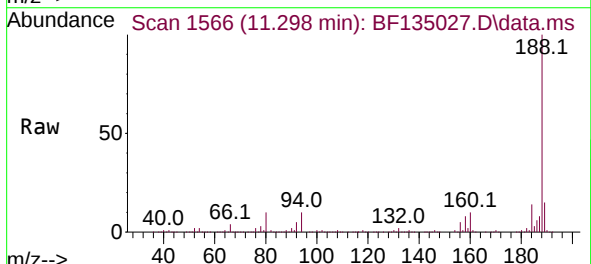
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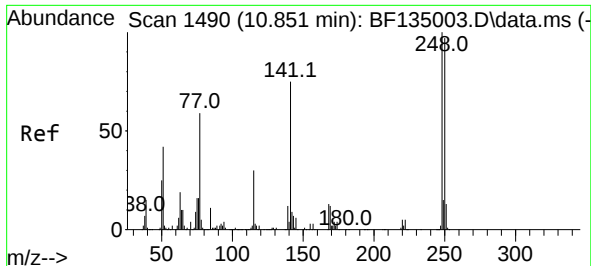
Tgt Ion:165 Resp: 31645
Ion Ratio Lower Upper
165 100
63 1.0 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

Tgt Ion:188 Resp: 356239
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.3 7.4 11.2

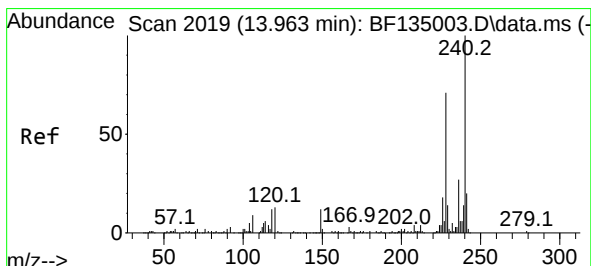
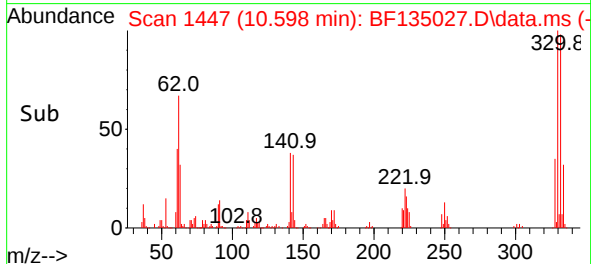
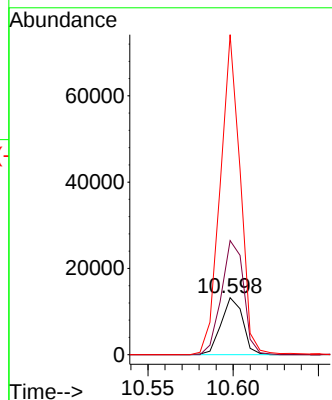
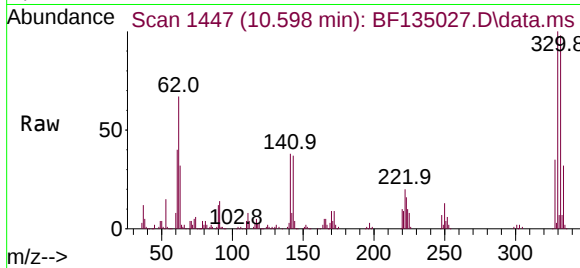




#67
4-Bromophenyl-phenylether
Concen: 3.093 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

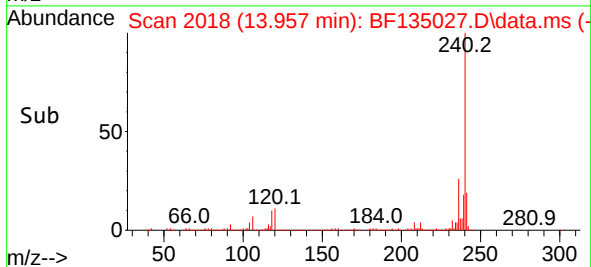
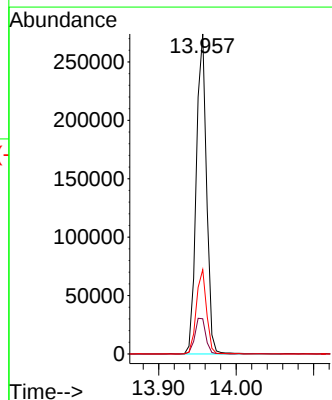
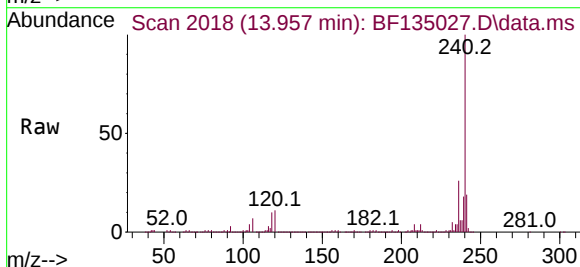
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-24

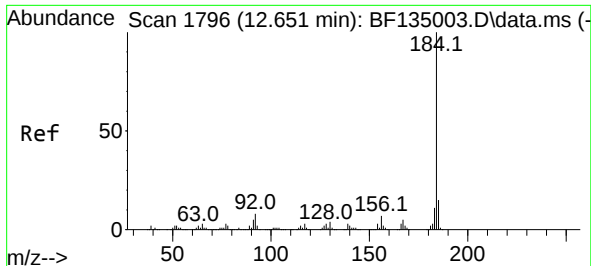
Tgt Ion:248 Resp: 11686
Ion Ratio Lower Upper
248 100
250 200.4 77.9 116.9#
141 562.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

Tgt Ion:240 Resp: 252236
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.2
236 26.4 21.3 31.9

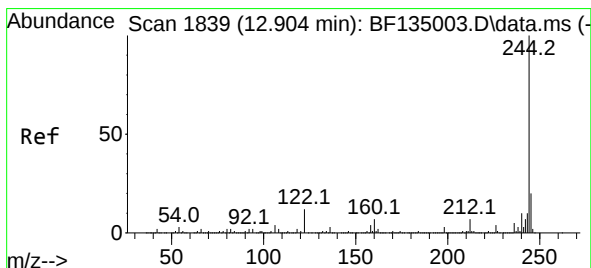
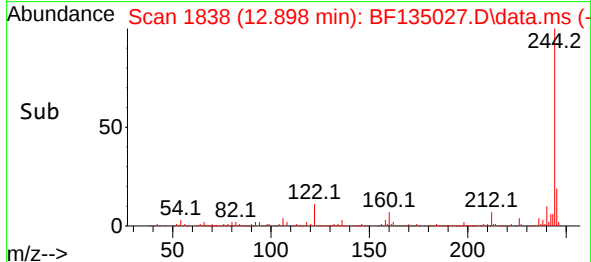
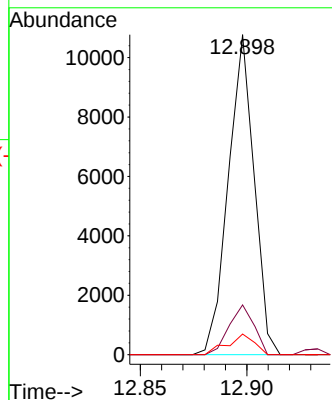
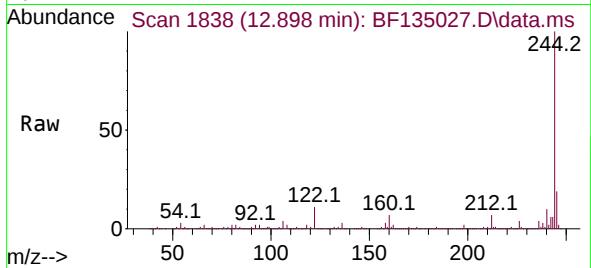




#77
Benzidine
Concen: 2.000 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

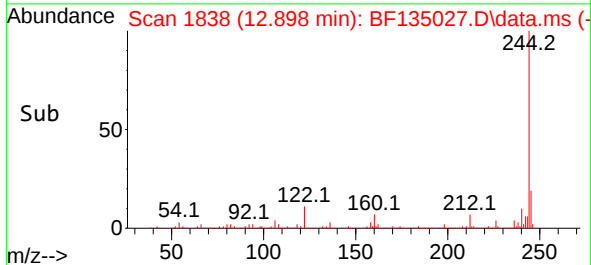
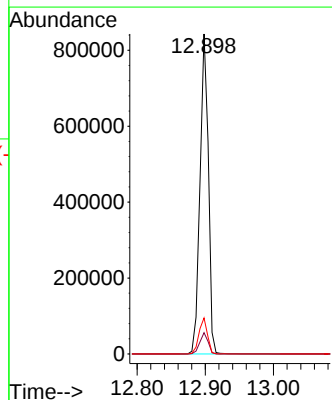
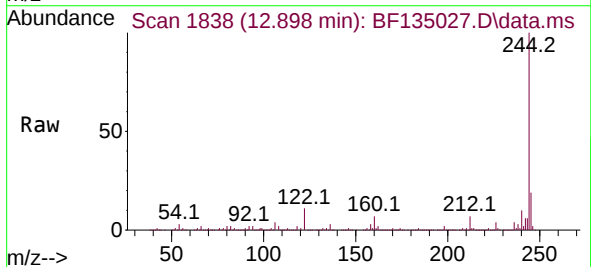
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-24

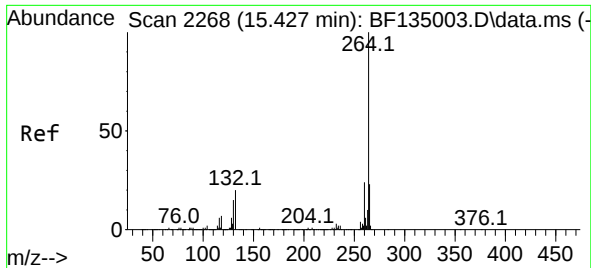
Tgt Ion:184 Resp: 9095
Ion Ratio Lower Upper
184 100
185 15.6 12.0 18.0
183 6.5 9.0 13.6#



#79
Terphenyl-d14
Concen: 46.409 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135027.D
Acq: 31 Aug 2023 03:28

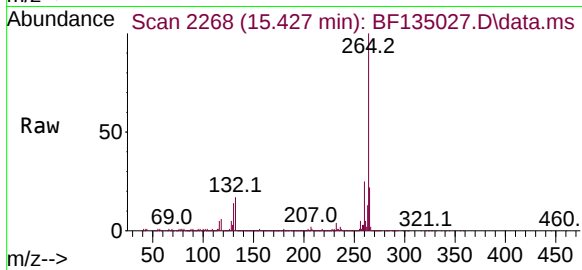
Tgt Ion:244 Resp: 717322
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.3 9.8 14.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF135027.D
 Acq: 31 Aug 2023 03:28

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-24



Tgt Ion:264 Resp: 243462
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.0 28.6
 265 21.6 18.2 27.2

