

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135028.D
 Acq On : 31 Aug 2023 03:59
 Operator : CG\JU
 Sample : 04198-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-25

Quant Time: Aug 31 06:01:46 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)

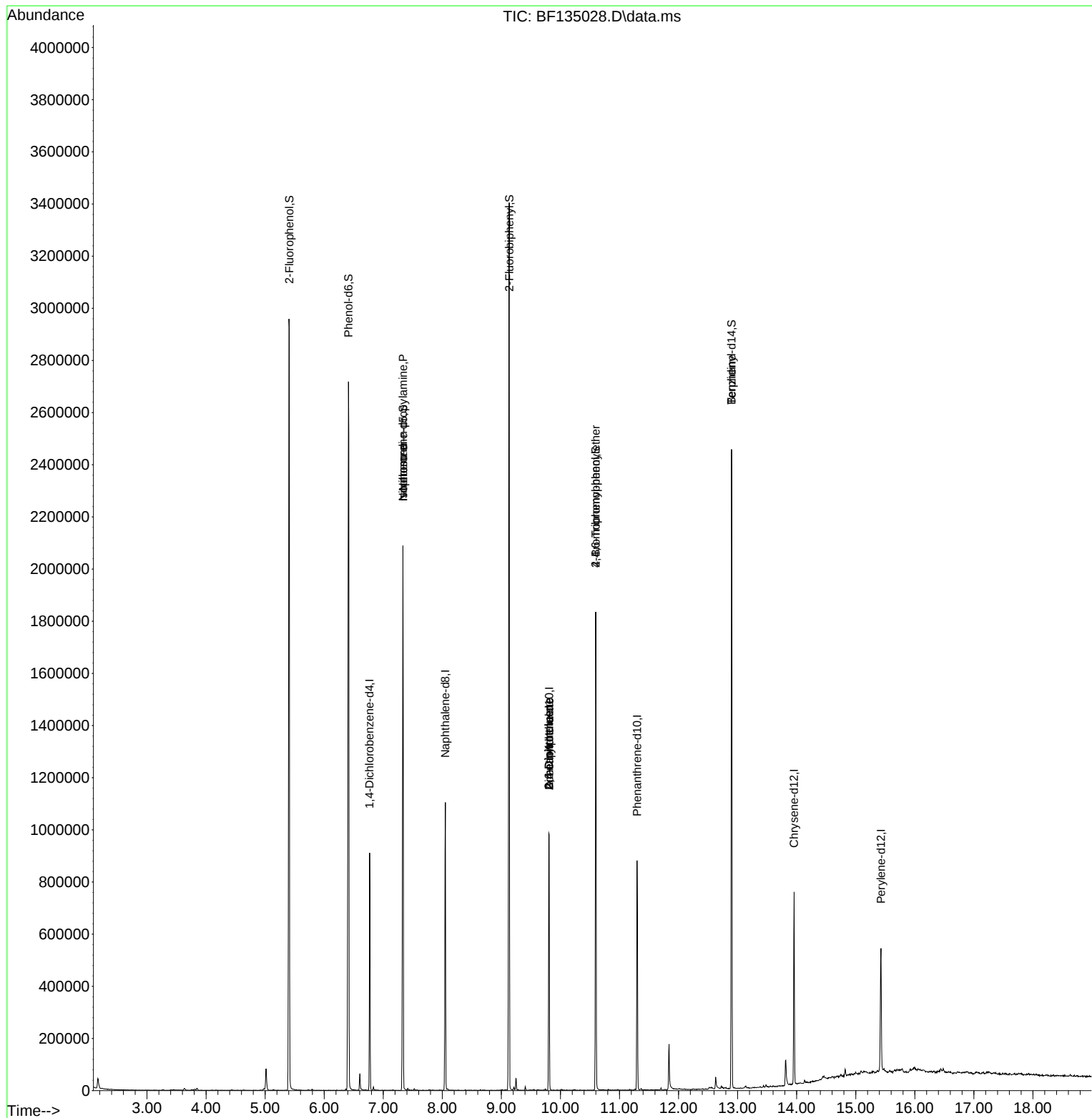
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	122991	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	472820	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	210125	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	306222	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	236444	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	214435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	880795	110.617	ng	0.01
7) Phenol-d6	6.410	99	1072208	108.033	ng	0.00
23) Nitrobenzene-d5	7.334	82	650868	77.336	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	208424	93.506	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	1093474	84.725	ng	0.00
79) Terphenyl-d14	12.898	244	864986	59.700	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	87332	14.814	ng	# 79
25) Isophorone	7.334	82	649606	40.711	ng	# 65
50) Dimethylphthalate	9.810	163	43443	2.953	ng	# 1
51) 2,6-Dinitrotoluene	9.804	165	27155	8.411	ng	# 22
57) 2,4-Dinitrotoluene	9.804	165	27155	6.749	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	13287	4.091	ng	# 1
77) Benzidine	12.898	184	10490	2.461	ng	# 93

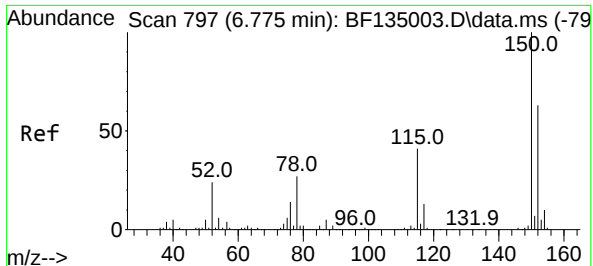
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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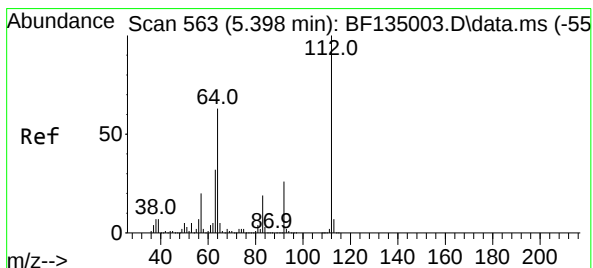
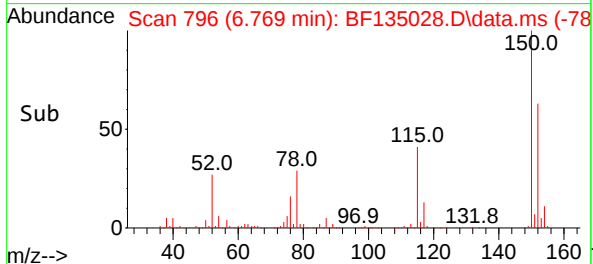
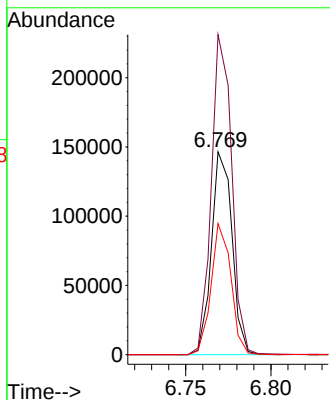
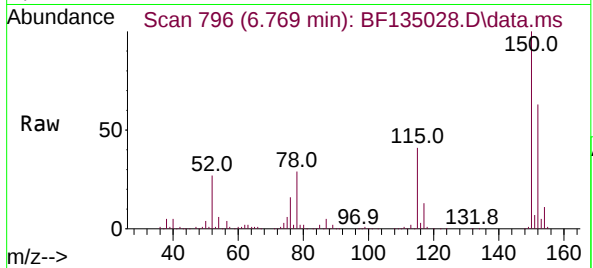




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

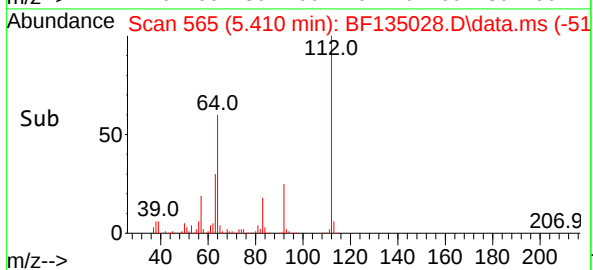
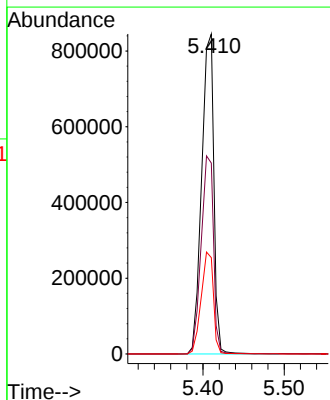
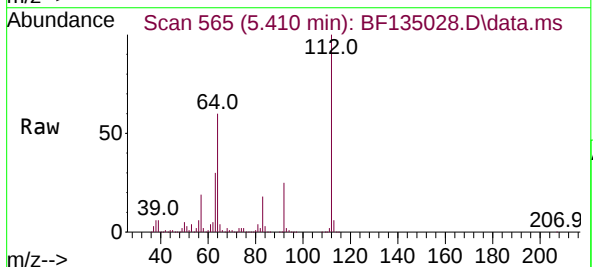
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

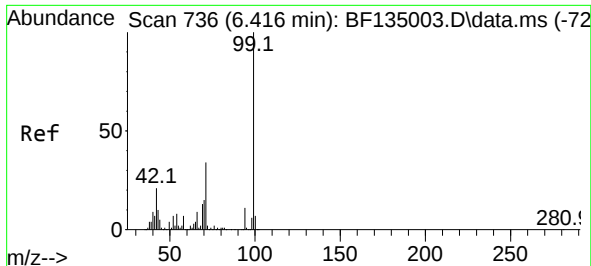
Tgt Ion:152 Resp: 122991
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.4
115 64.6 51.2 76.8



#5
2-Fluorophenol
Concen: 110.617 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:112 Resp: 880795
Ion Ratio Lower Upper
112 100
64 59.6 50.5 75.7
63 30.1 25.9 38.9

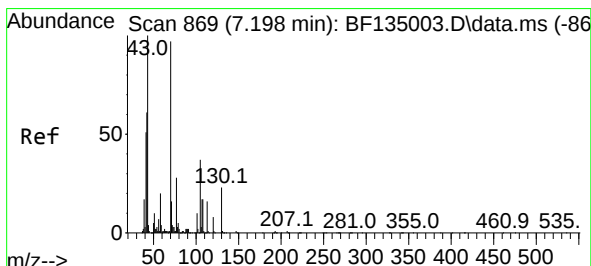
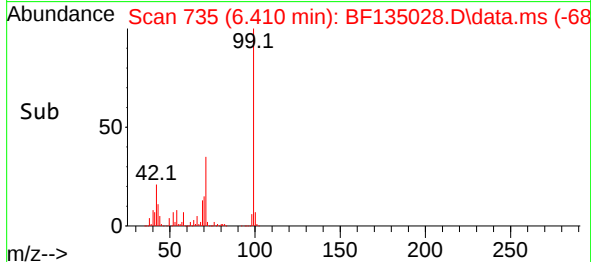
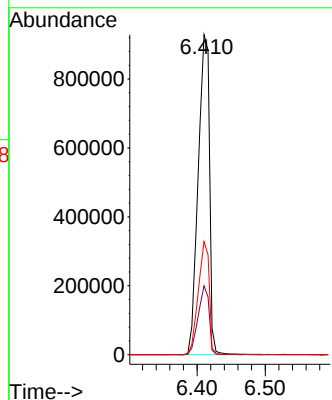
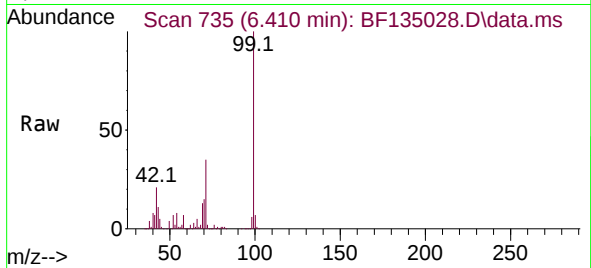




#7
Phenol-d6
Concen: 108.033 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

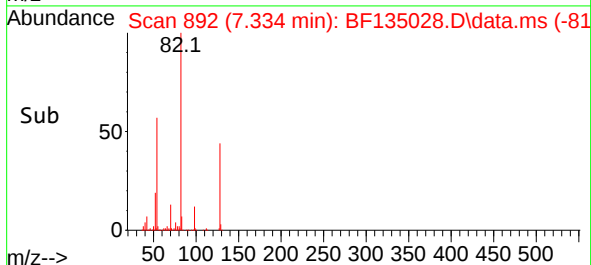
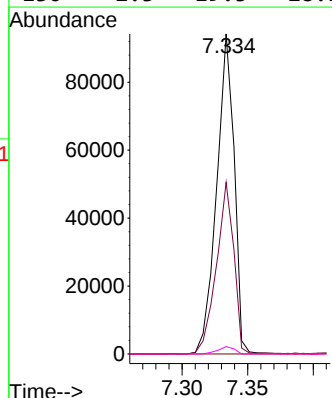
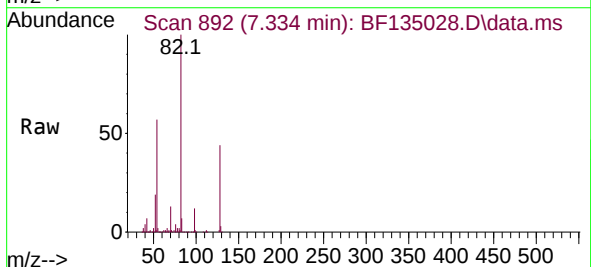
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

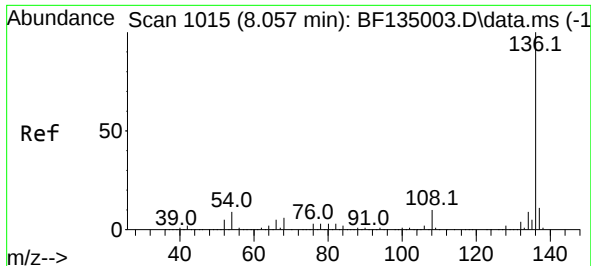
Tgt Ion: 99 Resp: 1072208
Ion Ratio Lower Upper
99 100
42 21.5 16.6 25.0
71 35.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.814 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion: 70 Resp: 87332
Ion Ratio Lower Upper
70 100
42 53.6 50.2 75.4
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#

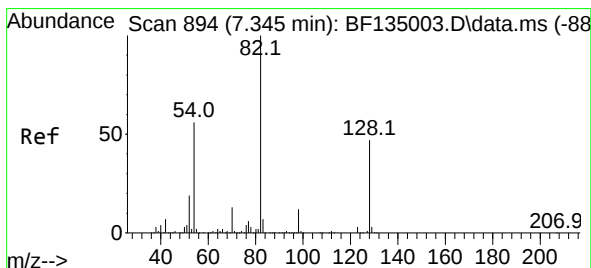
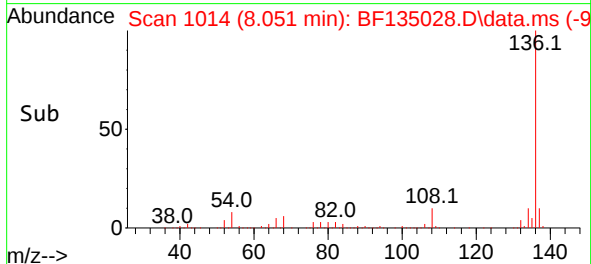
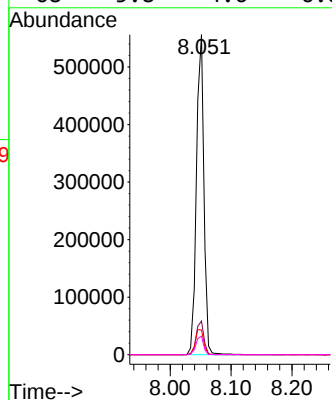
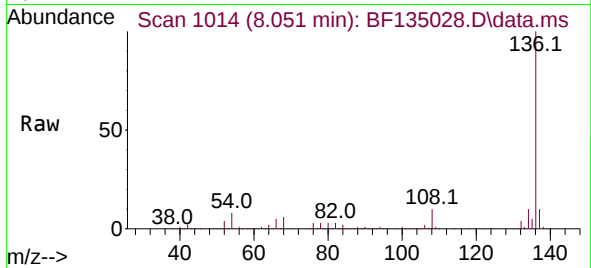




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

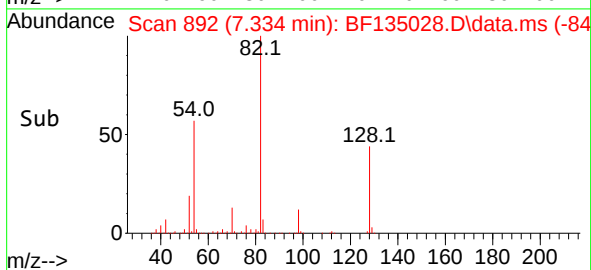
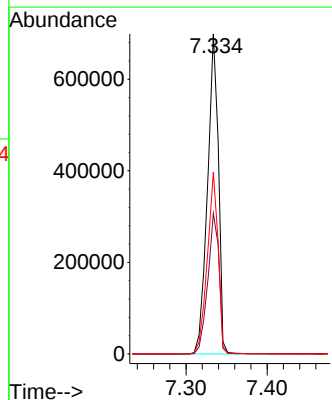
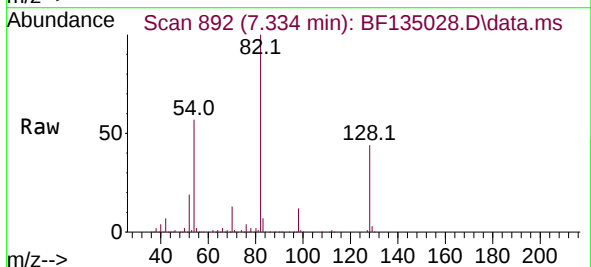
Instrument :
BNA_F
ClientSampleId :
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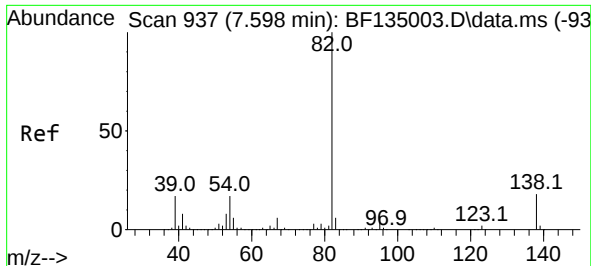
Tgt Ion:	136	Resp:	472820
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	7.7	7.0	10.4
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 77.336 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:	82	Resp:	650868
Ion	Ratio	Lower	Upper
82	100		
128	43.9	37.8	56.8
54	56.8	45.0	67.6

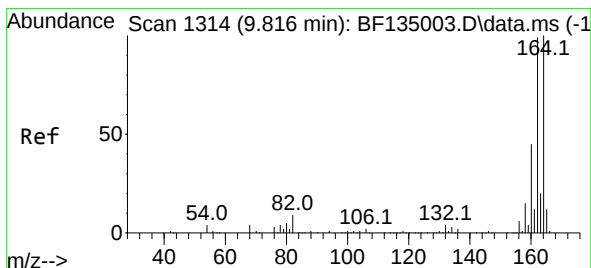
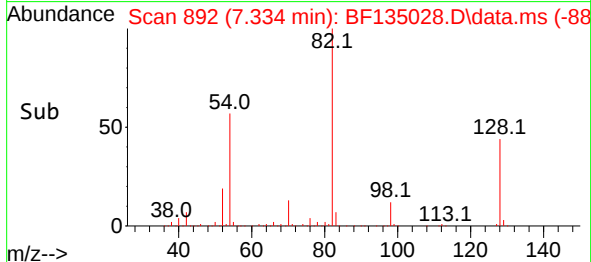
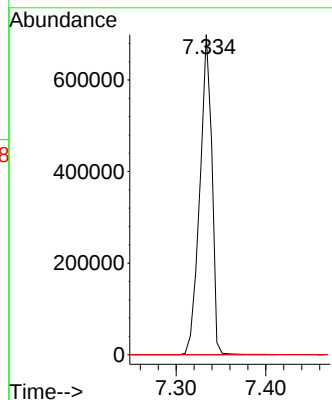
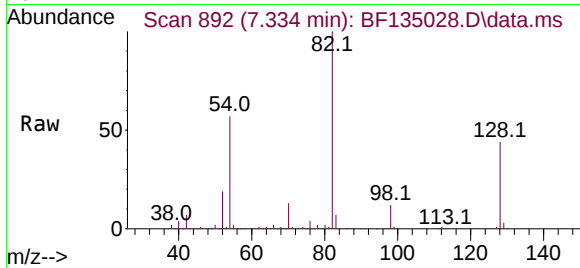




#25
Isophorone
Concen: 40.711 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

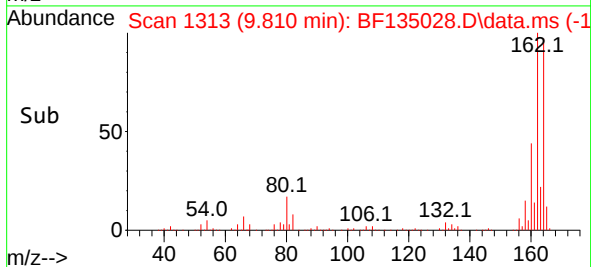
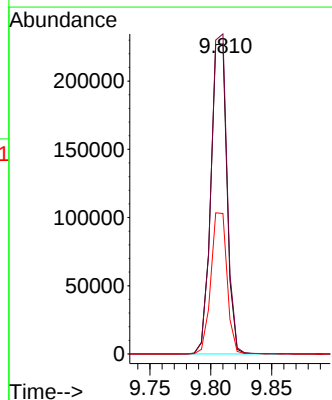
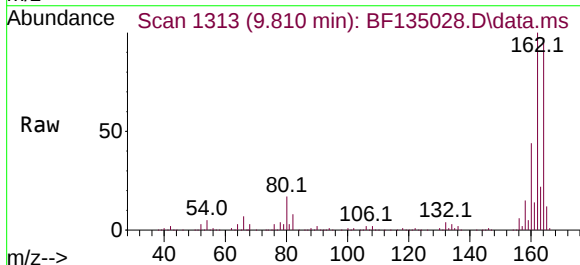
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

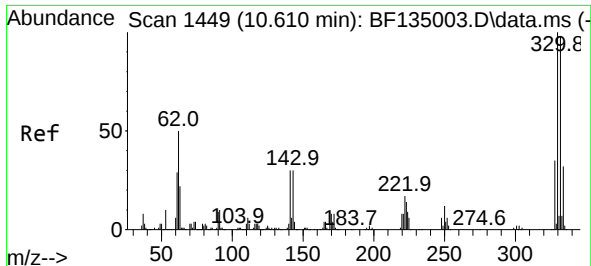
Tgt Ion: 82 Resp: 649606
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:164 Resp: 210125
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 93.506 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135028.D

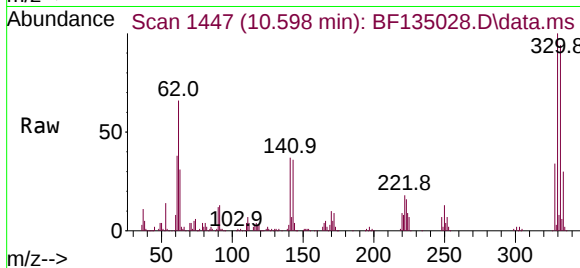
Acq: 31 Aug 2023 03:59

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-25



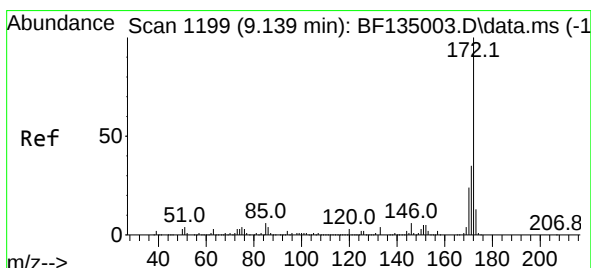
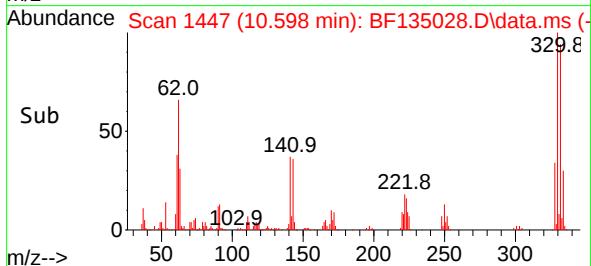
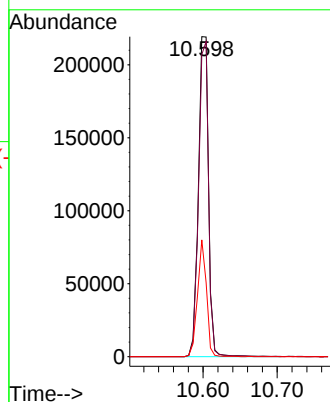
Tgt Ion:330 Resp: 208424

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 32.0 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 84.725 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135028.D

Acq: 31 Aug 2023 03:59

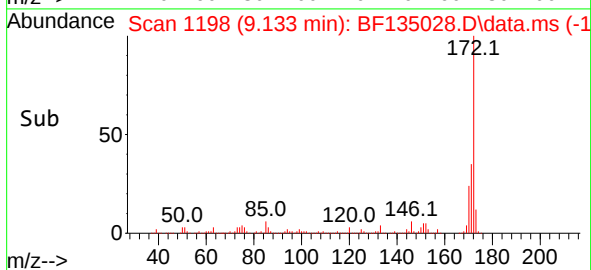
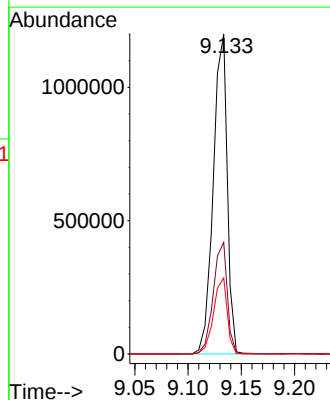
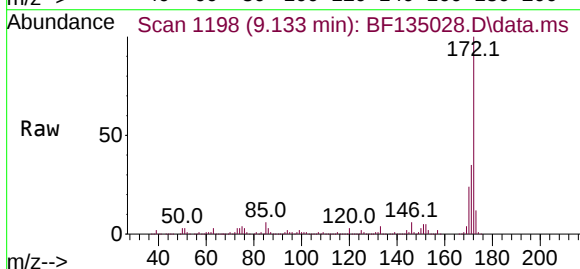
Tgt Ion:172 Resp: 1093474

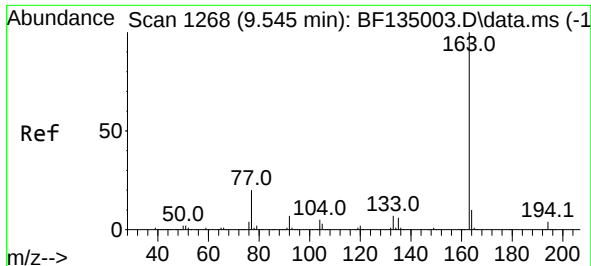
Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.8 19.0 28.4

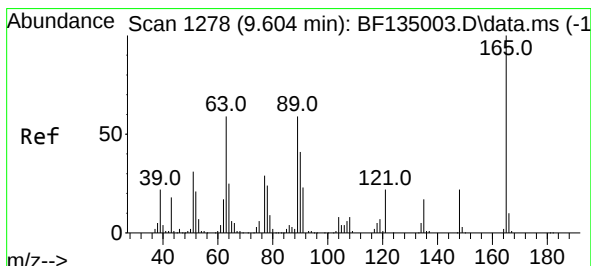
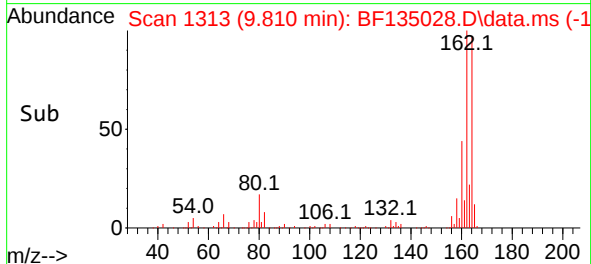
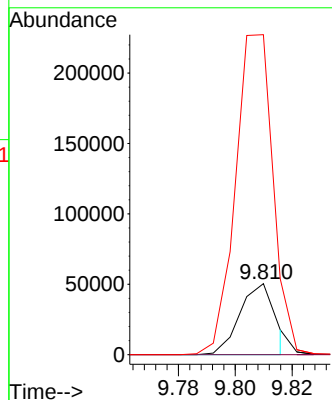
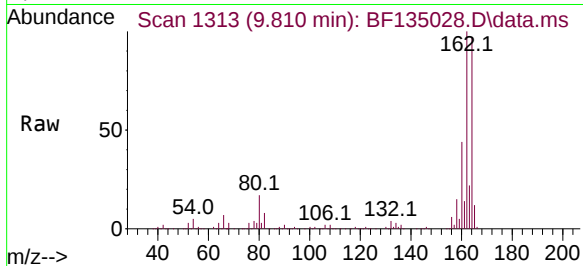




#50
Dimethylphthalate
Concen: 2.953 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

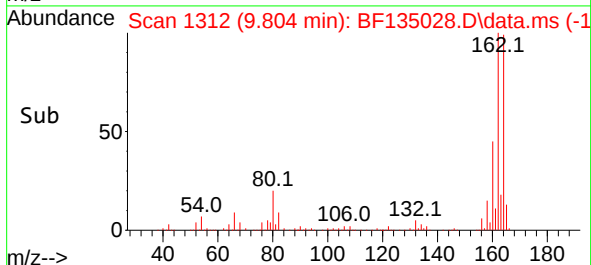
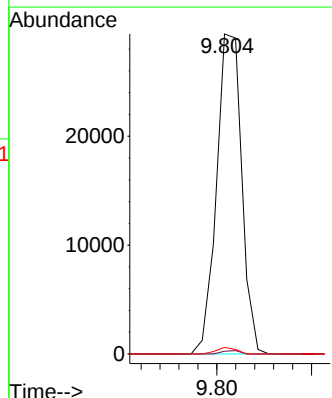
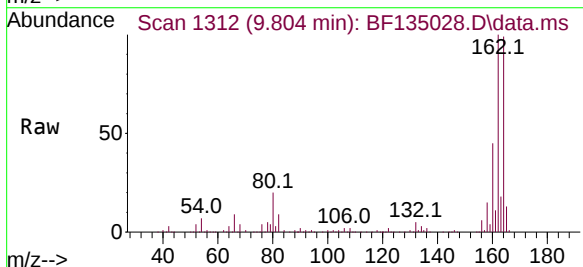
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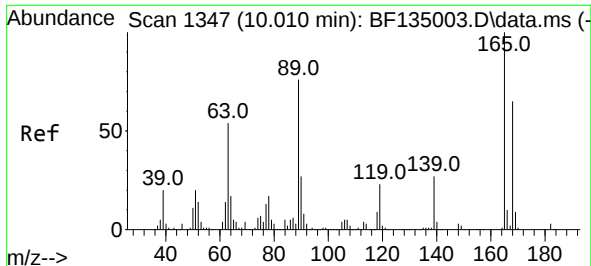
Tgt Ion:163 Resp: 43443
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 449.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.411 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.200 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:165 Resp: 27155
Ion Ratio Lower Upper
165 100
63 0.8 50.4 75.6#
89 2.1 47.1 70.7#

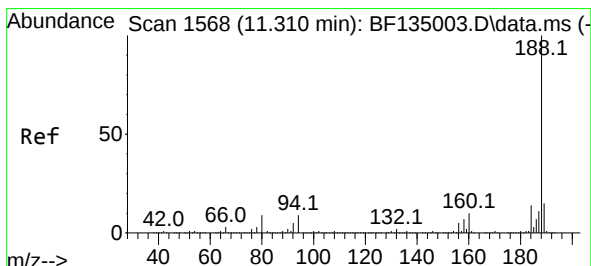
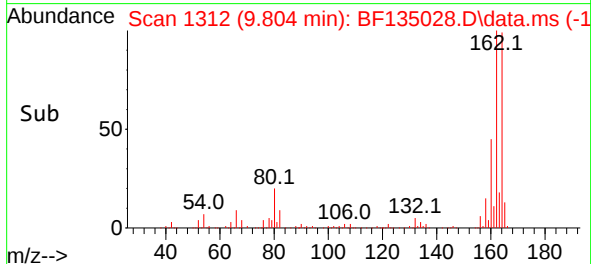
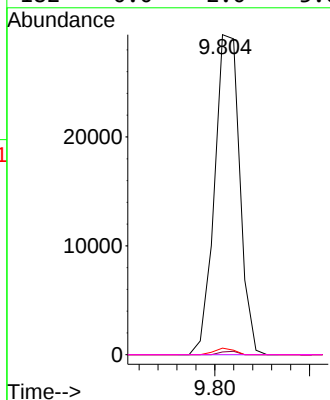
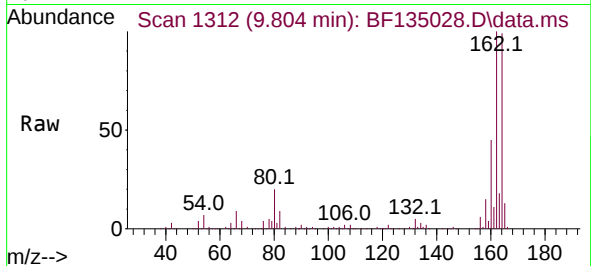




#57
2,4-Dinitrotoluene
Concen: 6.749 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

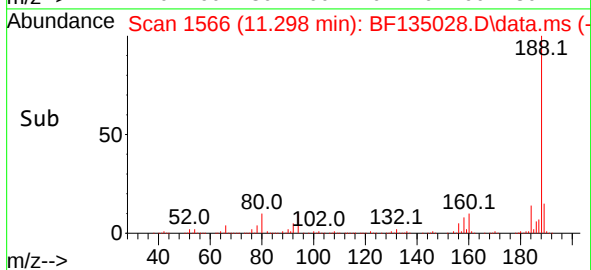
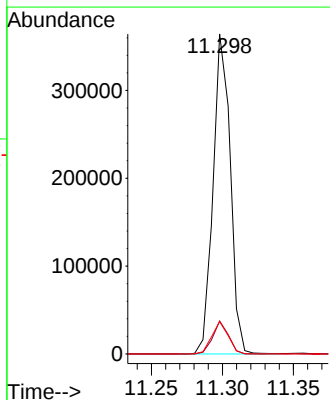
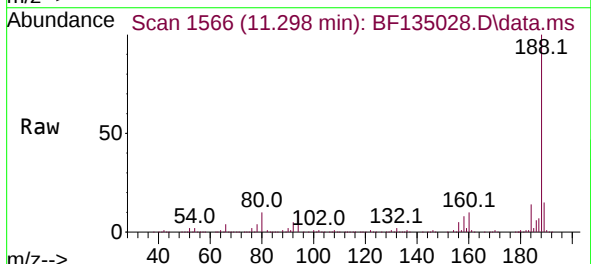
Instrument :
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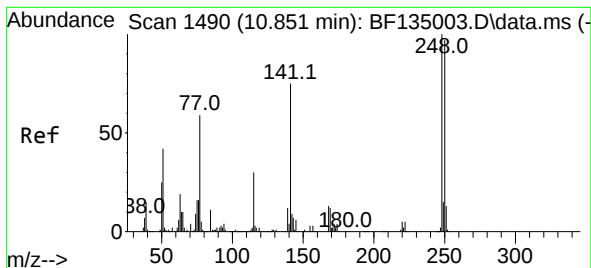
Tgt Ion:165	Resp:	27155
Ion Ratio	Lower	Upper
165	100	
63	0.8	43.2 64.8#
89	2.1	60.8 91.2#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:188	Resp:	306222
Ion Ratio	Lower	Upper
188	100	
94	10.3	7.0 10.4
80	10.2	7.4 11.2

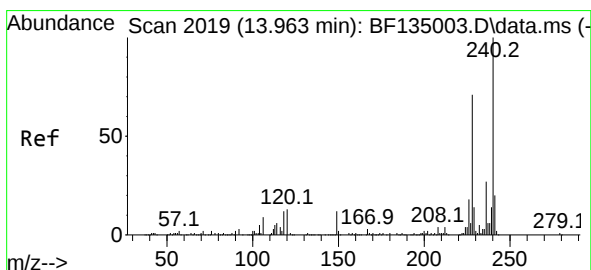
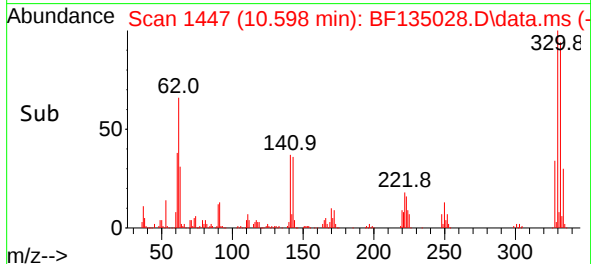
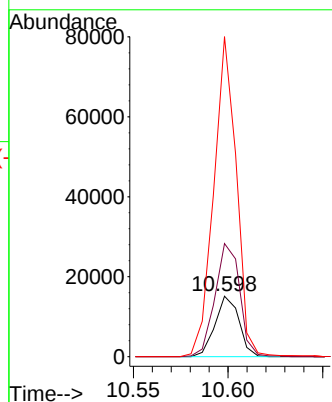
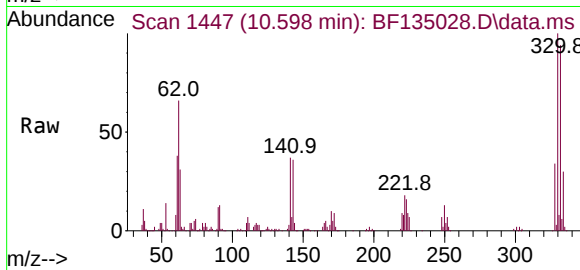




#67
4-Bromophenyl-phenylether
Concen: 4.091 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

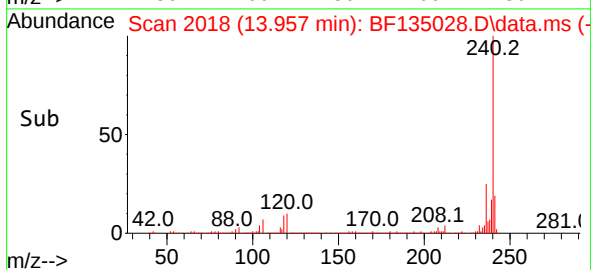
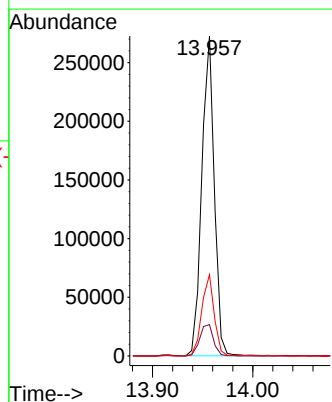
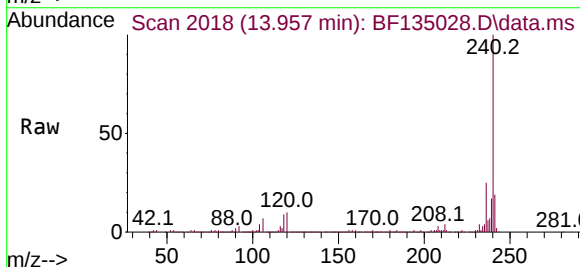
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

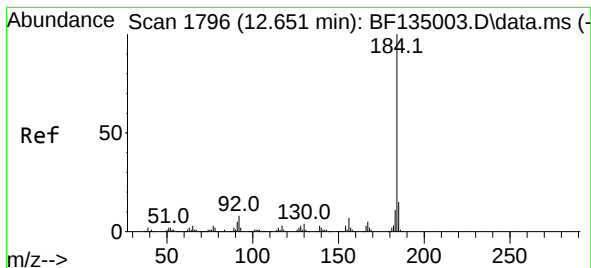
Tgt Ion:248 Resp: 13287
Ion Ratio Lower Upper
248 100
250 187.3 77.9 116.9#
141 529.6 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135028.D
Acq: 31 Aug 2023 03:59

Tgt Ion:240 Resp: 236444
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.2#
236 25.4 21.3 31.9





#77

Benzidine

Concen: 2.461 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135028.D

Acq: 31 Aug 2023 03:59

Instrument :

BNA_F

ClientSampleId :

OR-309-OK-370-COMP-25

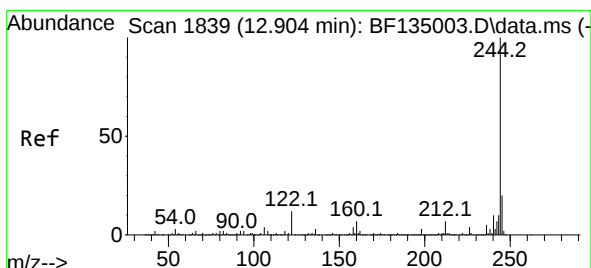
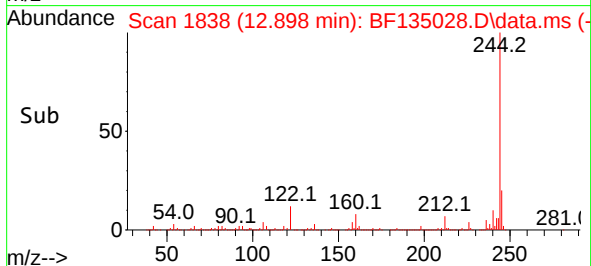
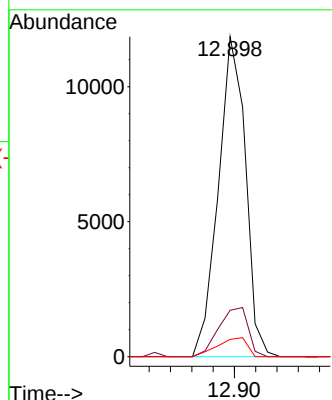
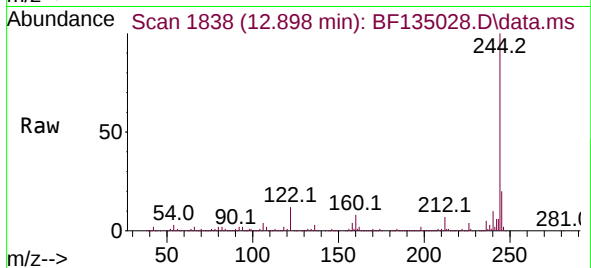
Tgt Ion:184 Resp: 10490

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

183 5.4 9.0 13.6#



#79

Terphenyl-d14

Concen: 59.700 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135028.D

Acq: 31 Aug 2023 03:59

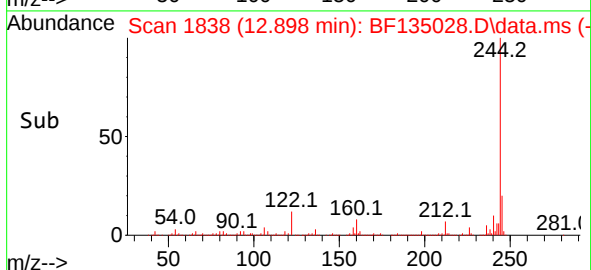
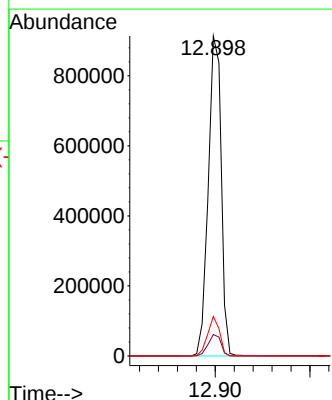
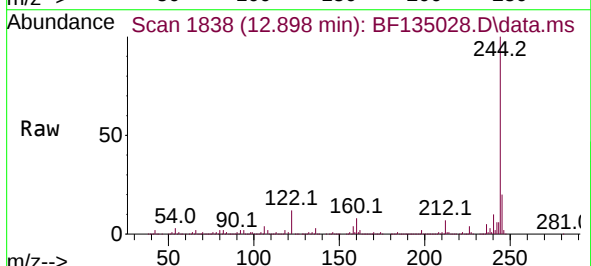
Tgt Ion:244 Resp: 864986

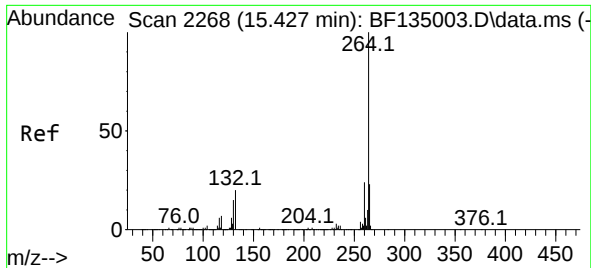
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 12.4 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: BF135028.D
Acq: 31 Aug 2023 03:59

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-25

Tgt Ion:264 Resp: 214435

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.1	18.2	27.2

