

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
 Data File : BF135029.D
 Acq On : 31 Aug 2023 04:31
 Operator : CG\JU
 Sample : 04198-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-26

Quant Time: Aug 31 06:02:05 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)

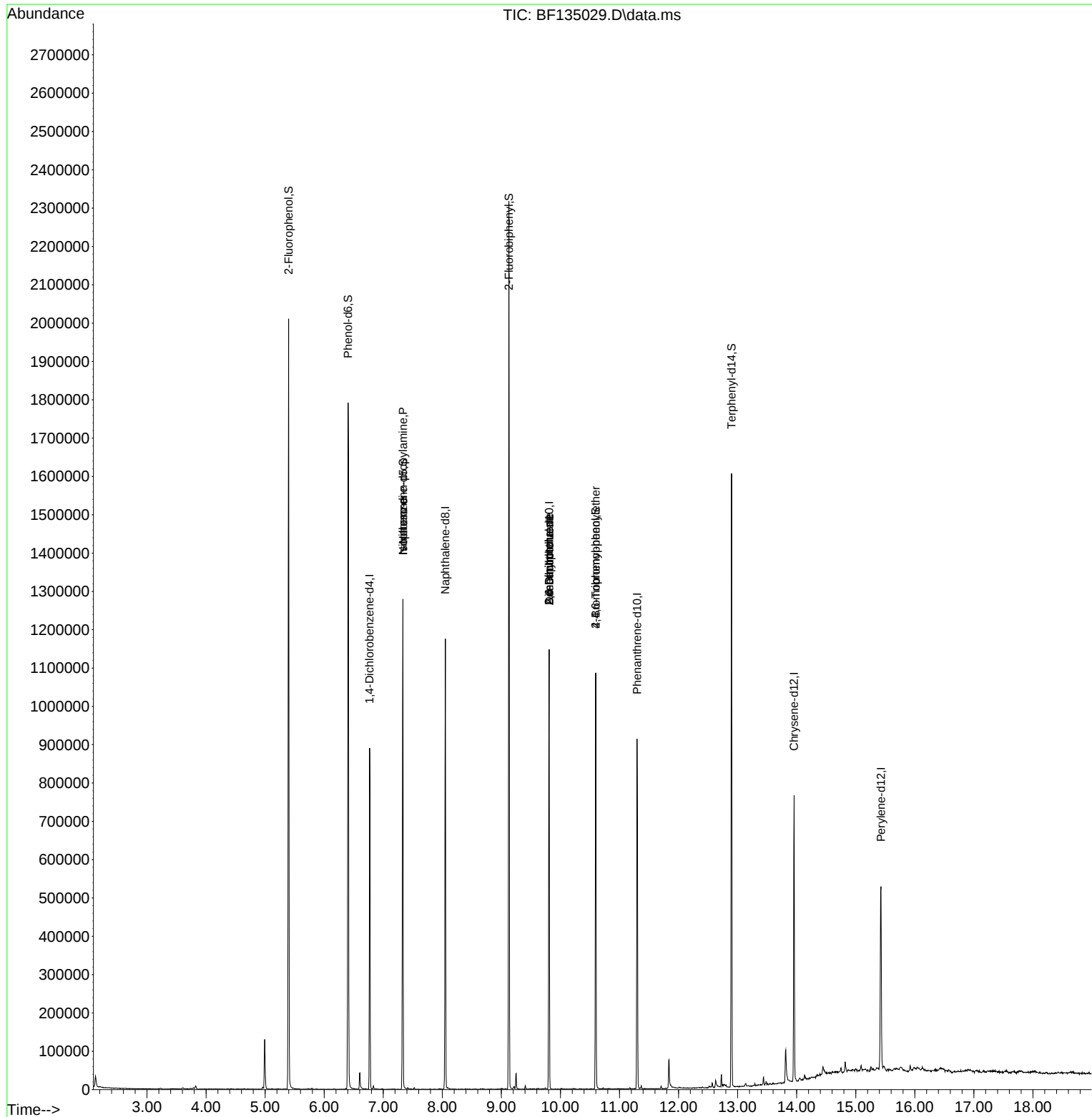
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	128023	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	487716	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	220031	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	316351	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	238284	20.000	ng	0.00
86) Perylene-d12	15.427	264	223291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	500186	60.348	ng	0.00
7) Phenol-d6	6.404	99	609706	59.018	ng	-0.01
23) Nitrobenzene-d5	7.334	82	361269	41.615	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	115567	49.513	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	660130	48.846	ng	-0.01
79) Terphenyl-d14	12.898	244	517185	35.420	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	48653	7.928	ng	# 78
25) Isophorone	7.334	82	361262	21.949	ng	# 65
50) Dimethylphthalate	9.810	163	45694	2.966	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	27610	8.167	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	27610	6.553	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	7193	2.144	ng	# 1

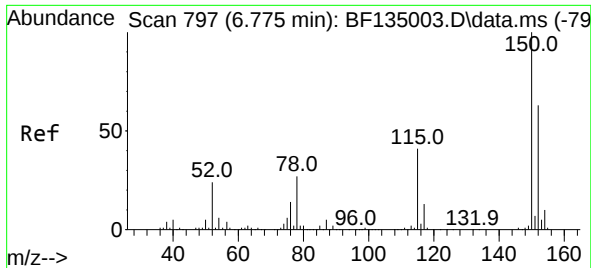
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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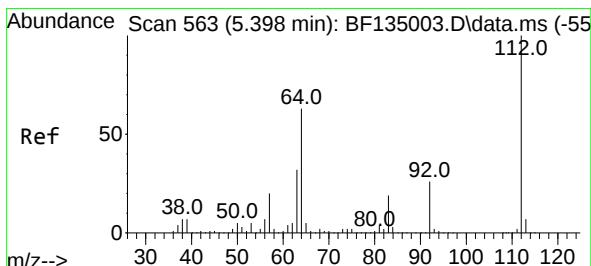
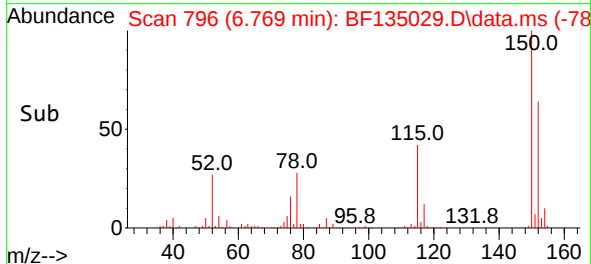
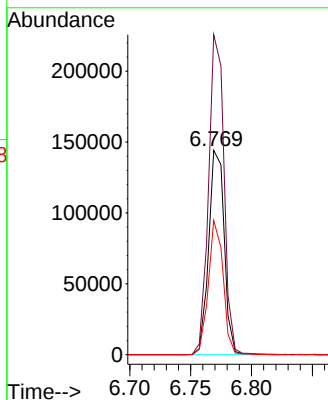
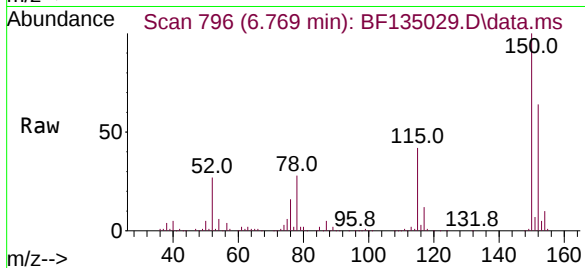




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

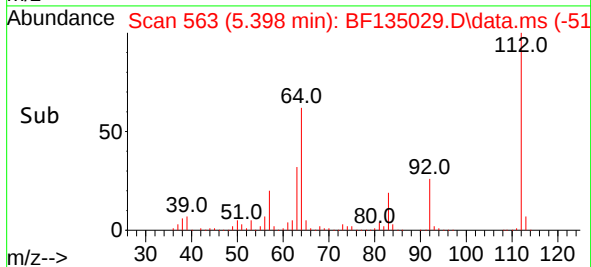
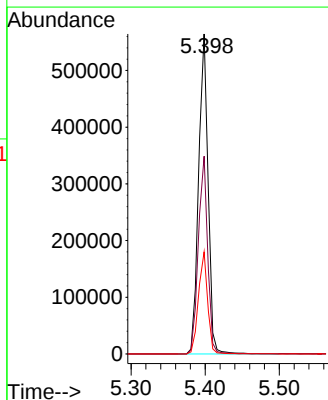
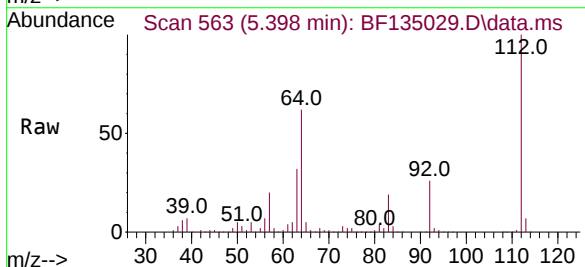
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-26

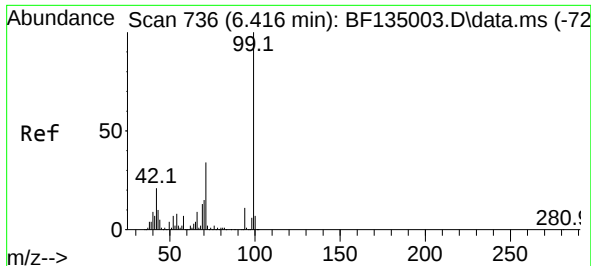
Tgt Ion:152 Resp: 128023
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.4
115 65.7 51.2 76.8



#5
2-Fluorophenol
Concen: 60.348 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

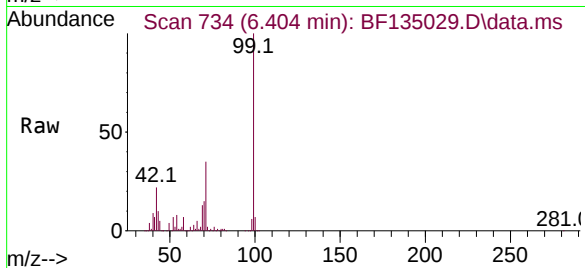
Tgt Ion:112 Resp: 500186
Ion Ratio Lower Upper
112 100
64 61.8 50.5 75.7
63 31.9 25.9 38.9



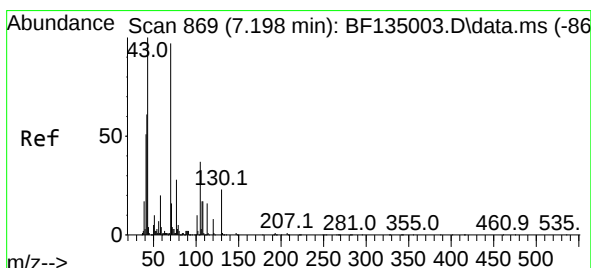
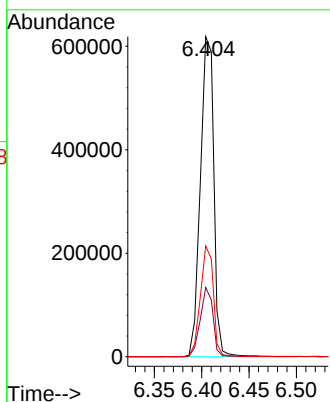
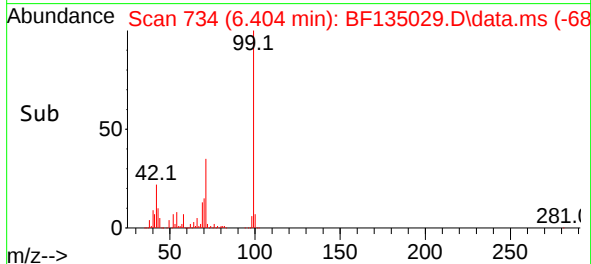


#7
Phenol-d6
Concen: 59.018 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

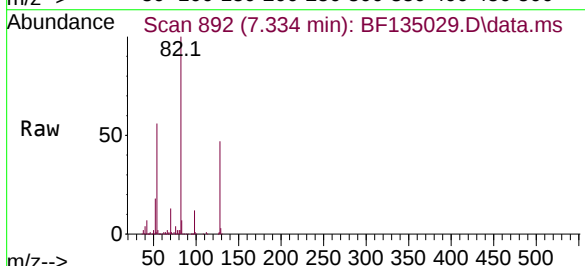
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-26



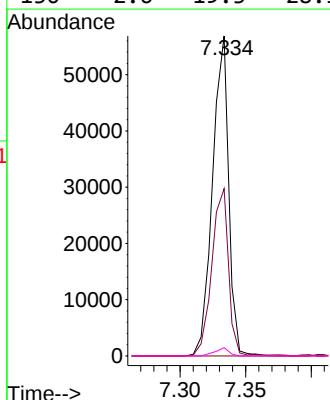
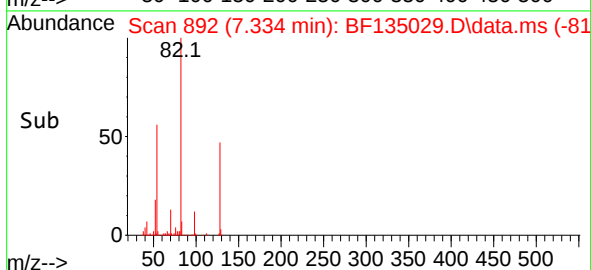
Tgt Ion: 99 Resp: 609706
Ion Ratio Lower Upper
99 100
42 21.6 16.6 25.0
71 34.6 27.0 40.6

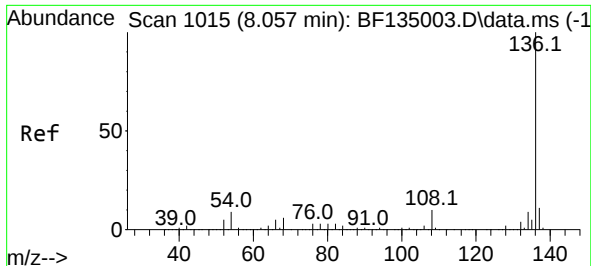


#19
n-Nitroso-di-n-propylamine
Concen: 7.928 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31



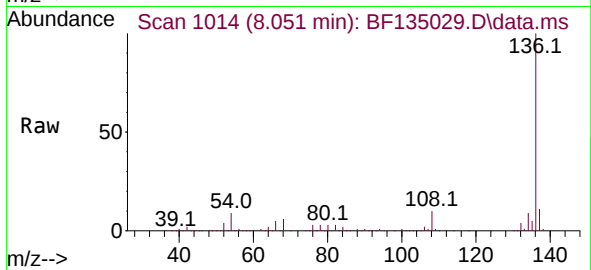
Tgt Ion: 70 Resp: 48653
Ion Ratio Lower Upper
70 100
42 52.3 50.2 75.4
101 0.0 8.1 12.1#
130 2.6 19.3 28.9#



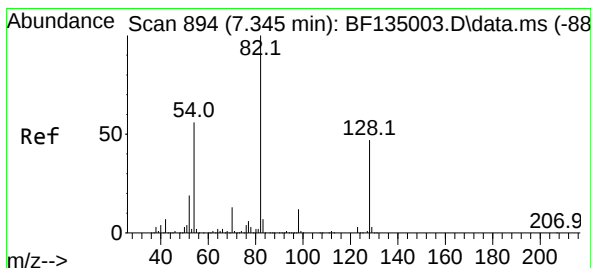
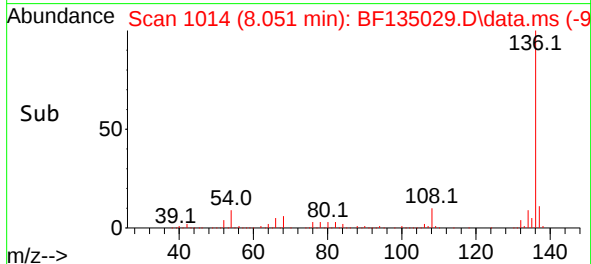
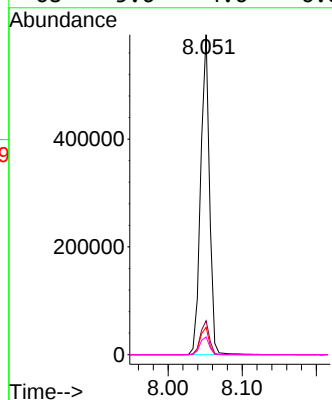


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-26

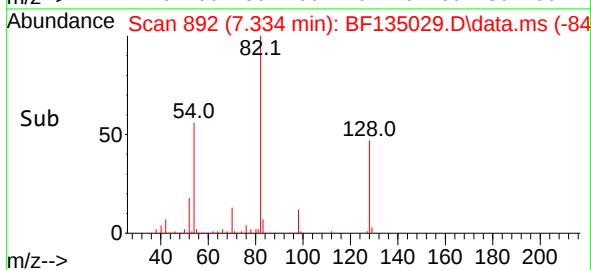
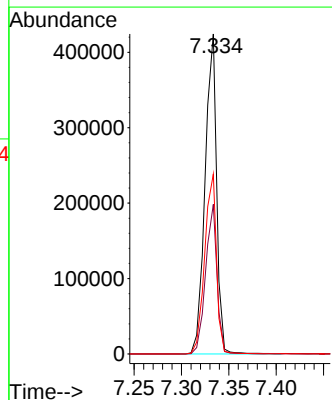
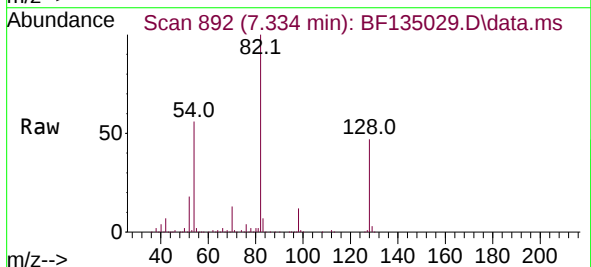


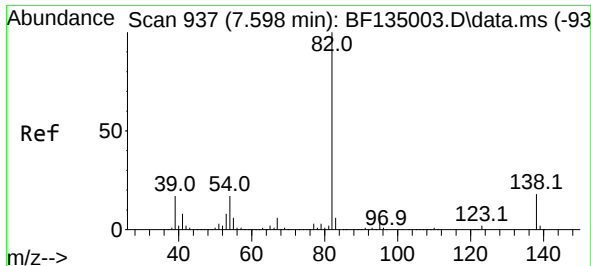
Tgt Ion:136 Resp: 487716
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.5 7.0 10.4
68 5.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 41.615 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

Tgt Ion: 82 Resp: 361269
Ion Ratio Lower Upper
82 100
128 46.8 37.8 56.8
54 56.2 45.0 67.6

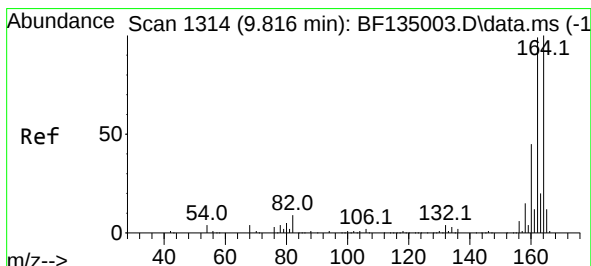
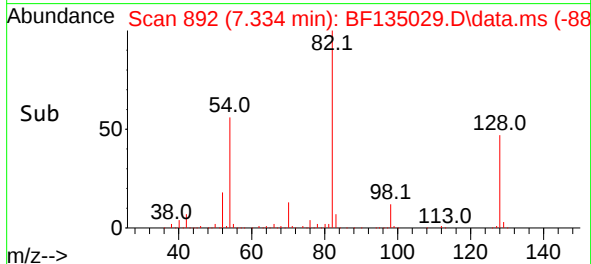
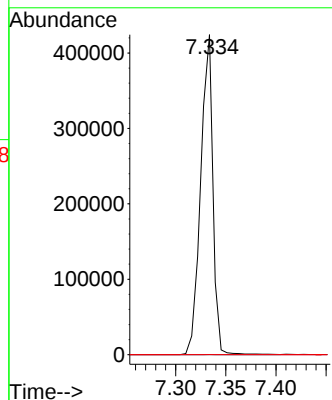
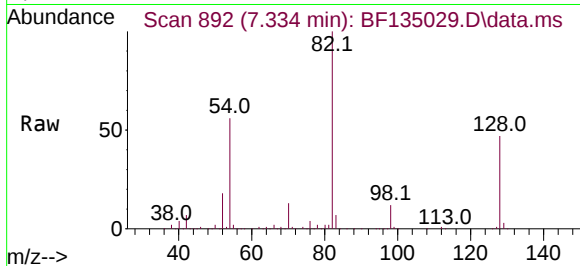




#25
Isophorone
Concen: 21.949 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

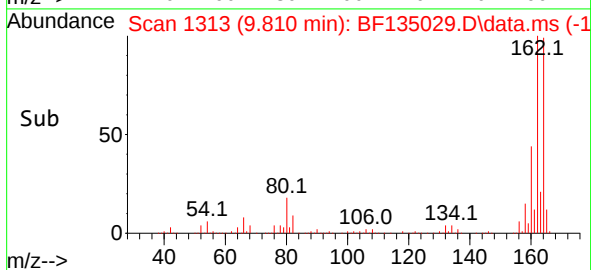
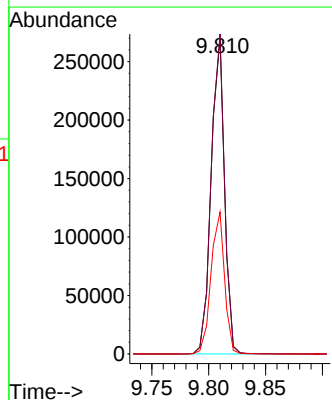
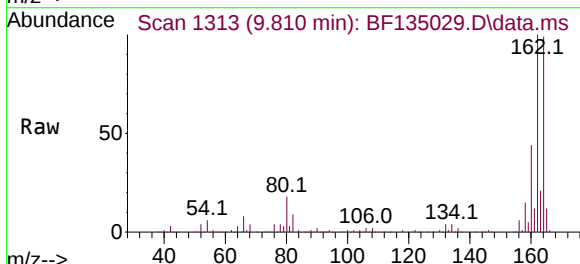
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-26

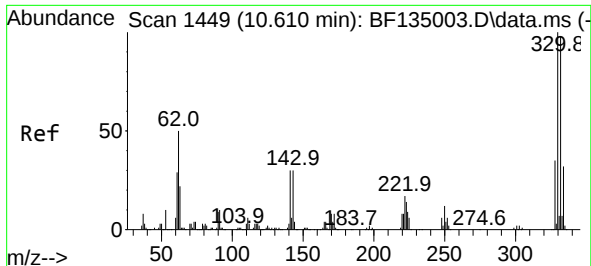
Tgt Ion: 82 Resp: 361262
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

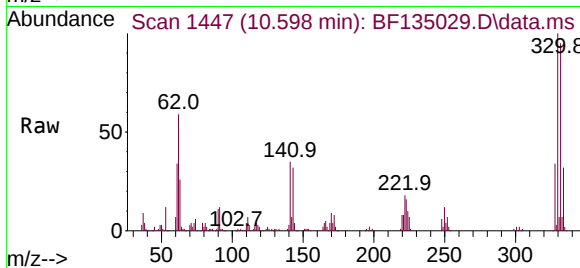
Tgt Ion:164 Resp: 220031
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 45.0 36.0 54.0



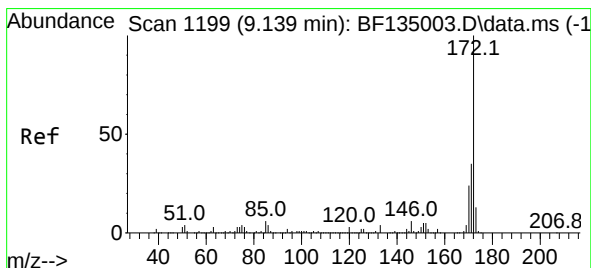
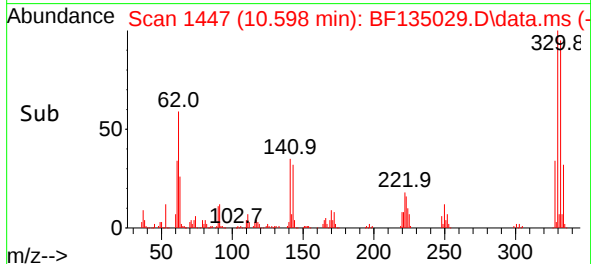
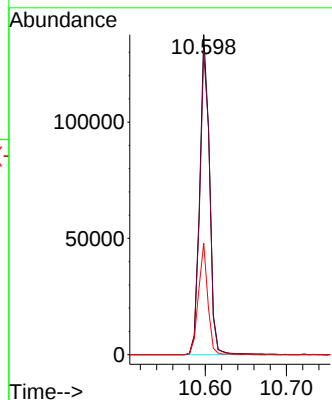


#42
 2,4,6-Tribromophenol
 Concen: 49.513 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF135029.D
 Acq: 31 Aug 2023 04:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-26

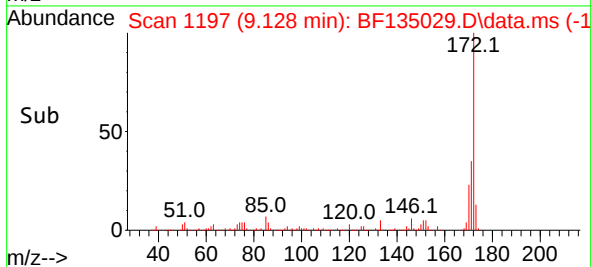
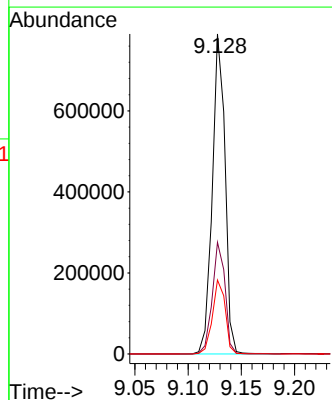
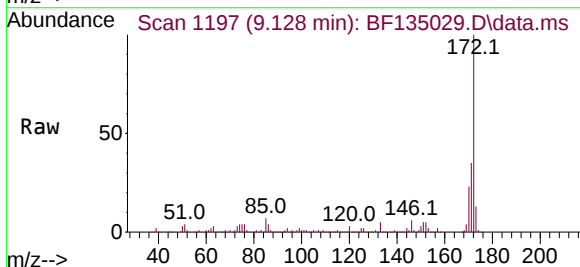


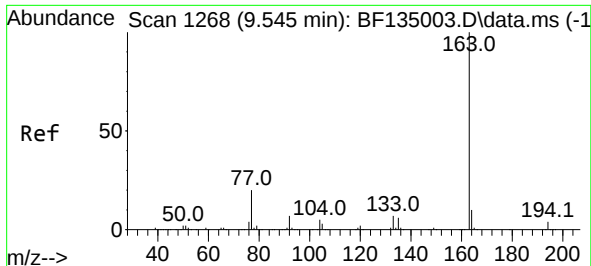
Tgt Ion:330 Resp: 115567
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 33.0 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 48.846 ng
 RT: 9.128 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF135029.D
 Acq: 31 Aug 2023 04:31

Tgt Ion:172 Resp: 660130
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.2
 170 23.1 19.0 28.4

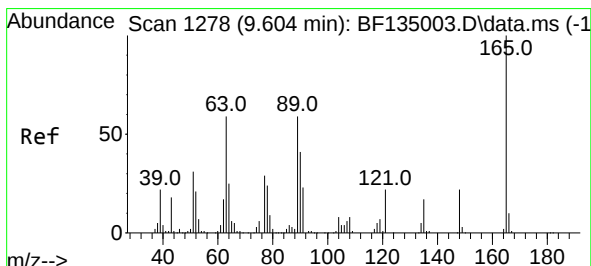
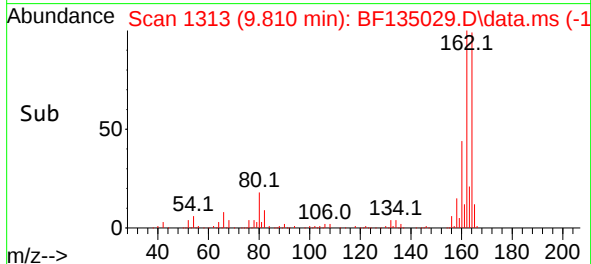
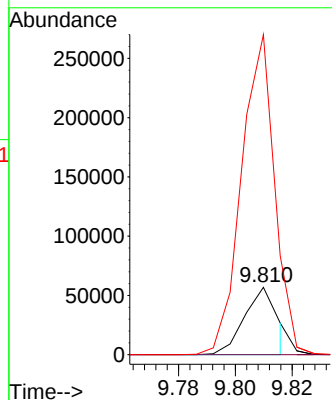
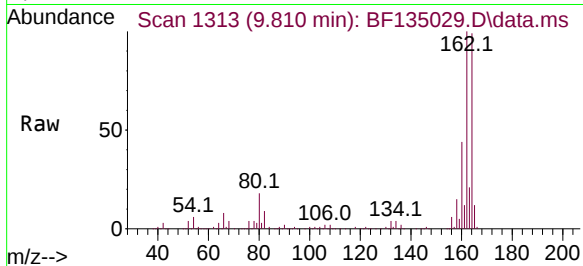




#50
Dimethylphthalate
Concen: 2.966 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.265 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

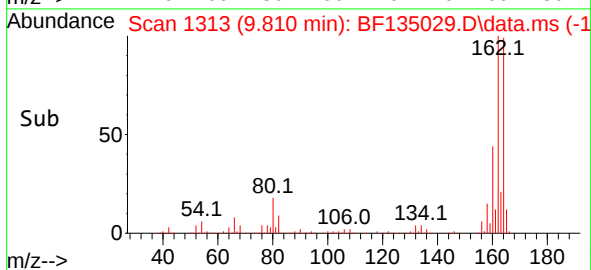
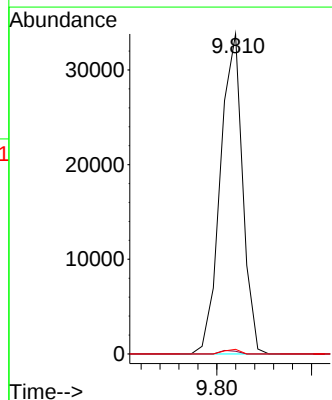
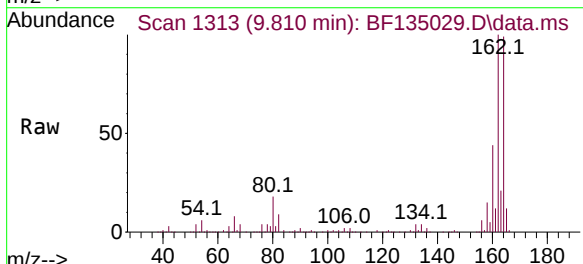
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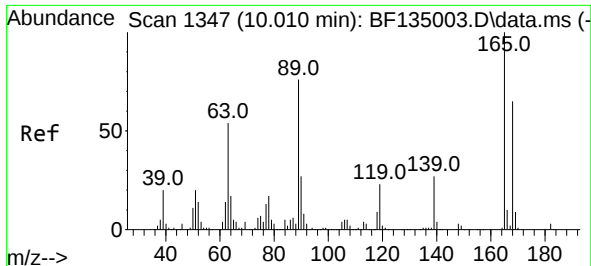
Tgt Ion:163 Resp: 45694
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 474.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.167 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

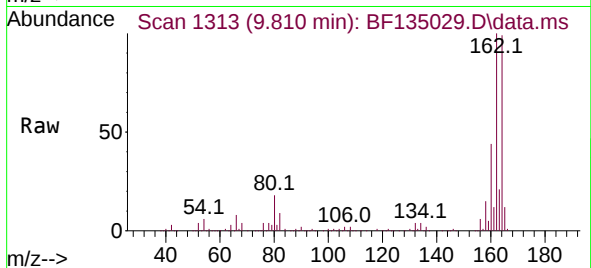
Tgt Ion:165 Resp: 27610
Ion Ratio Lower Upper
165 100
63 0.8 50.4 75.6#
89 1.4 47.1 70.7#



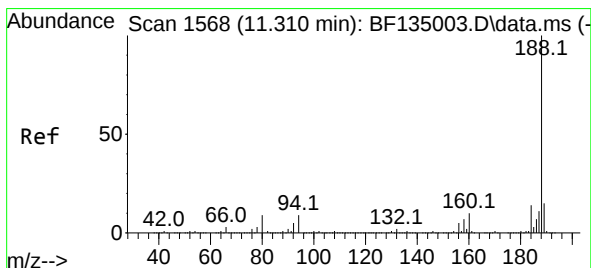
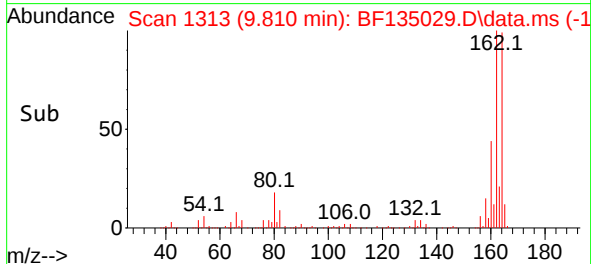
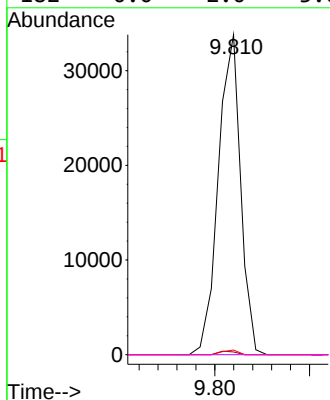


#57
2,4-Dinitrotoluene
Concen: 6.553 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-26

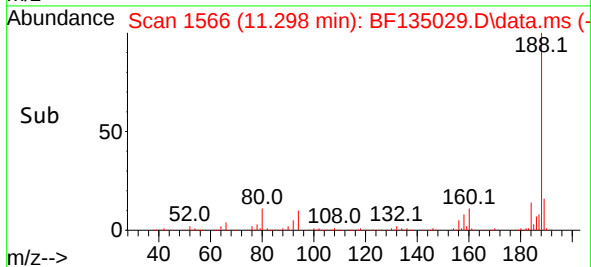
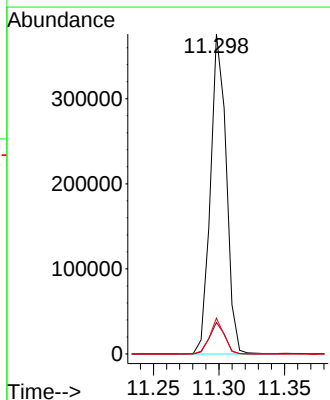
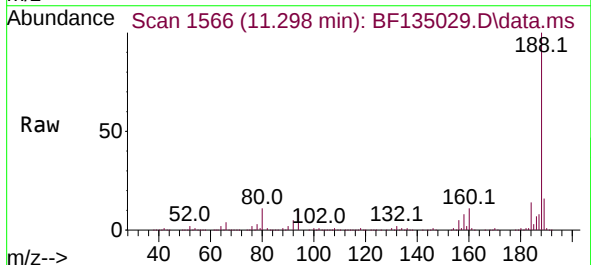


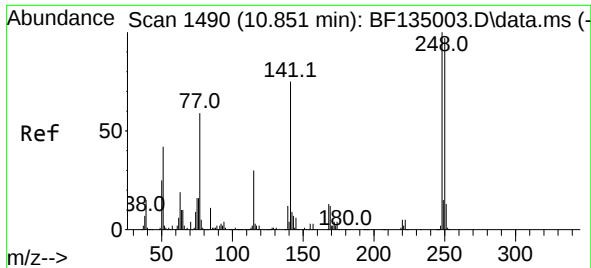
Tgt Ion:165 Resp: 27610
Ion Ratio Lower Upper
165 100
63 0.8 43.2 64.8#
89 1.4 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

Tgt Ion:188 Resp: 316351
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 11.2 7.4 11.2#

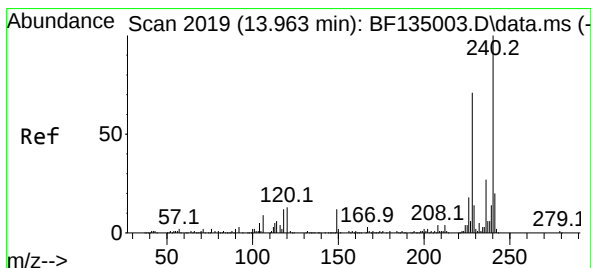
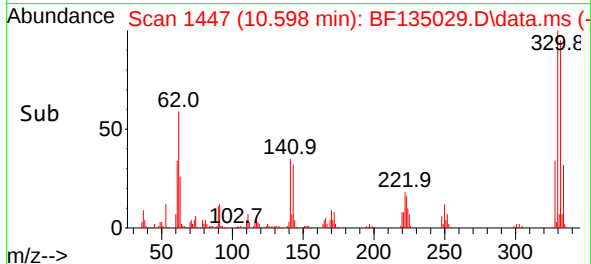
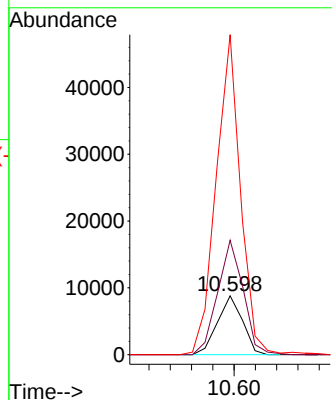
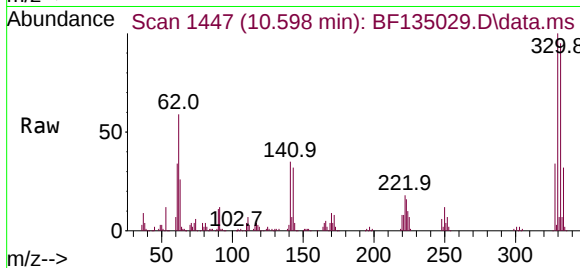




#67
4-Bromophenyl-phenylether
Concen: 2.144 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

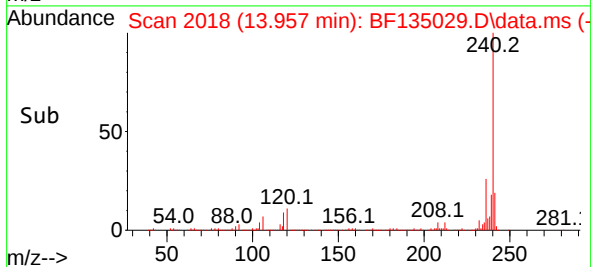
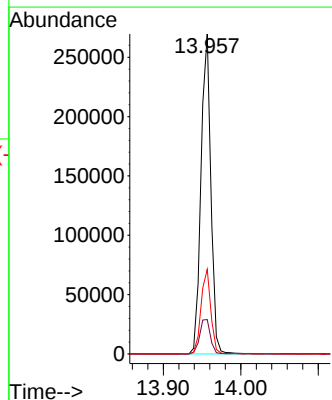
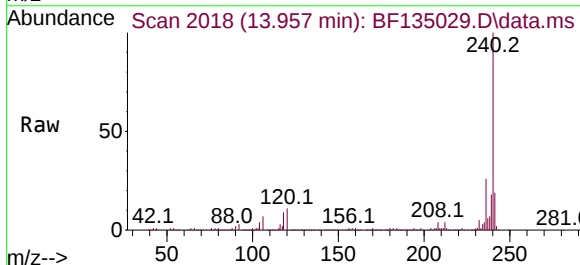
Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-26

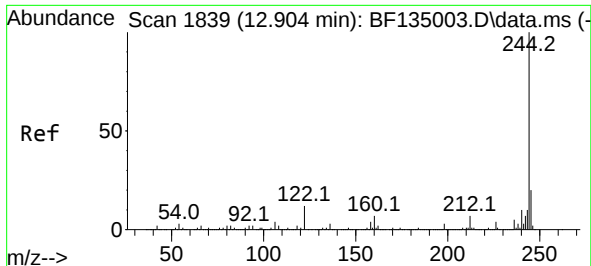
Tgt Ion:248 Resp: 7193
Ion Ratio Lower Upper
248 100
250 194.1 77.9 116.9#
141 542.7 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135029.D
Acq: 31 Aug 2023 04:31

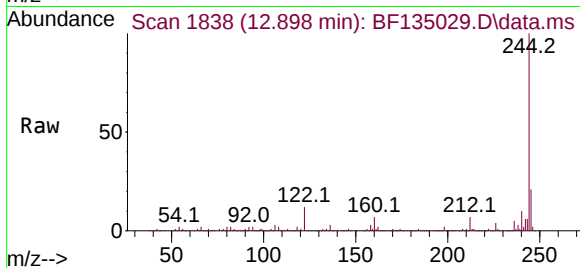
Tgt Ion:240 Resp: 238284
Ion Ratio Lower Upper
240 100
120 10.8 10.2 15.2
236 26.4 21.3 31.9



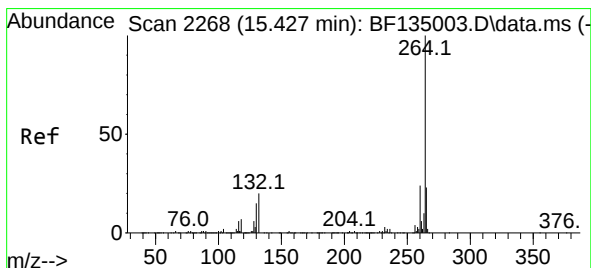
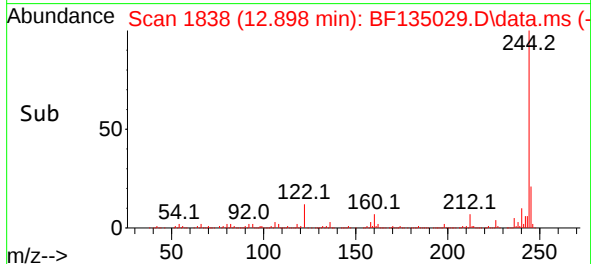
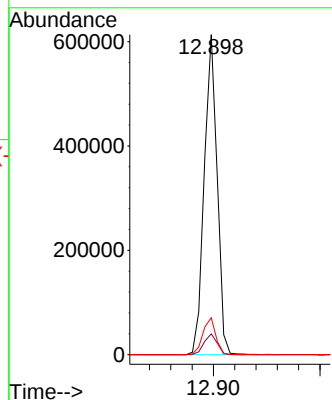


#79
 Terphenyl-d14
 Concen: 35.420 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF135029.D
 Acq: 31 Aug 2023 04:31

Instrument :
 BNA_F
 ClientSampleId :
 OR-309-OK-370-COMP-26



Tgt Ion:244 Resp: 517185
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.5 9.8 14.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF135029.D
 Acq: 31 Aug 2023 04:31

Tgt Ion:264 Resp: 223291
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.4 18.2 27.2

