

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135568.D
 Acq On : 04 Oct 2023 13:25
 Operator : CG\JU
 Sample : 04652-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IS3-COMP

Quant Time: Oct 04 14:24:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 06:58:43 2023
 Response via : Initial Calibration

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

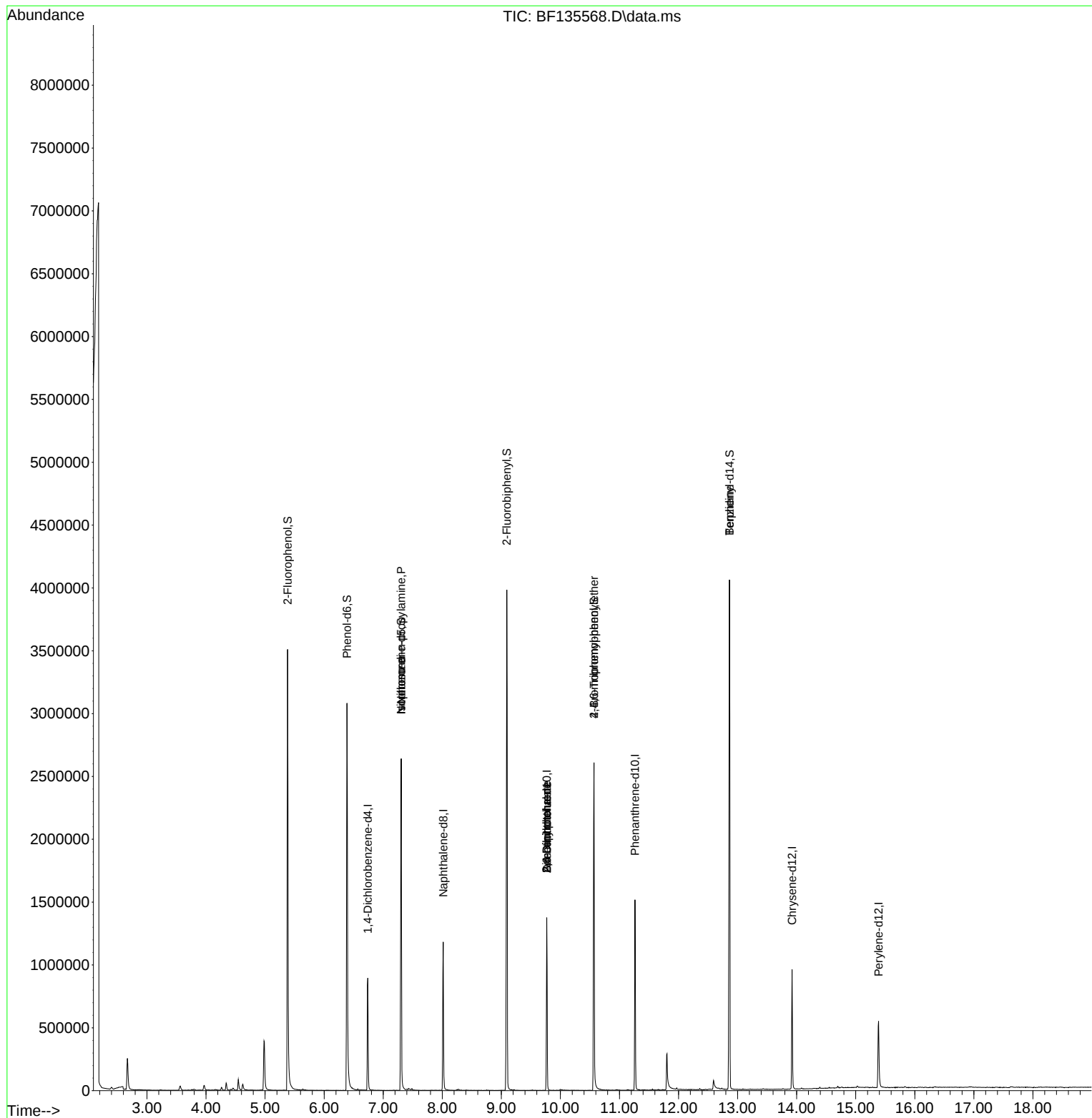
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	141695	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	536052	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	270998	20.000	ng	-0.02
64) Phenanthrene-d10	11.263	188	539732	20.000	ng	#-0.01
76) Chrysene-d12	13.922	240	310375	20.000	ng	-0.01
86) Perylene-d12	15.386	264	261838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	982221	112.744	ng	0.00
7) Phenol-d6	6.387	99	1138848	102.805	ng	-0.02
23) Nitrobenzene-d5	7.304	82	844377	85.578	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	324845	120.623	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	1415605	78.811	ng	-0.02
79) Terphenyl-d14	12.863	244	1622319	81.028	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	111838	16.299	ng	# 80
25) Isophorone	7.304	82	844369	46.604	ng	# 65
50) Dimethylphthalate	9.769	163	50338	2.747	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	35956	8.958	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	35956	7.156	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	19879	3.703	ng	# 1
77) Benzidine	12.863	184	21055	3.311	ng	# 95

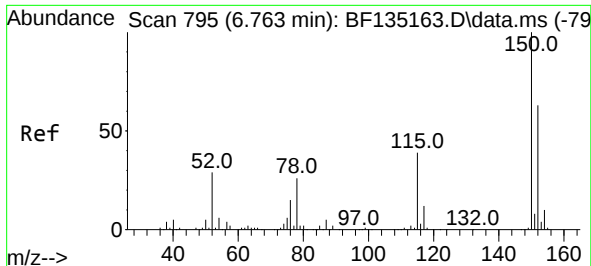
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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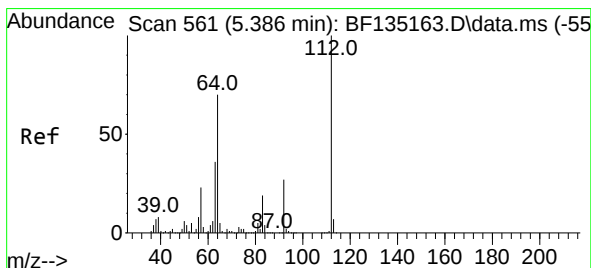
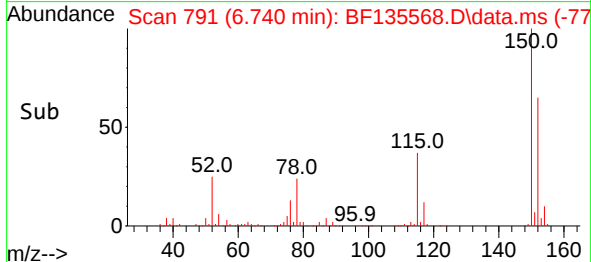
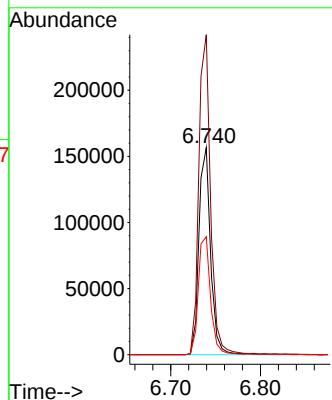
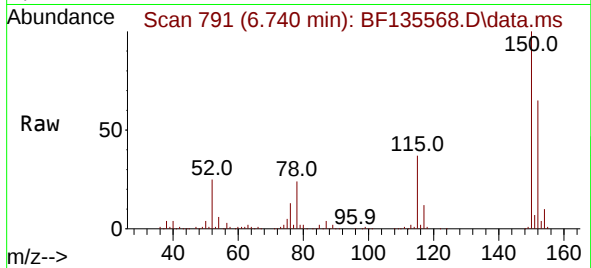




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.740 min Scan# 795
 Delta R.T. -0.011 min
 Lab File: BF135568.D
 Acq: 04 Oct 2023 13:25

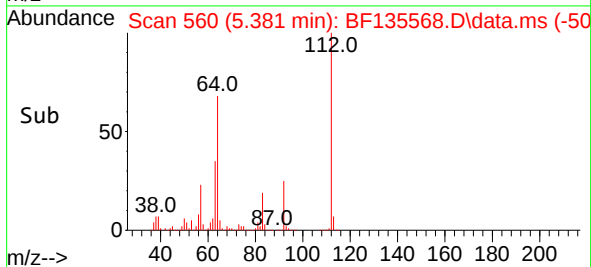
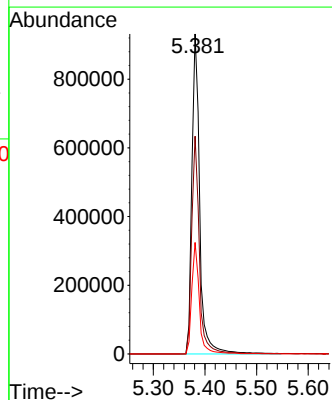
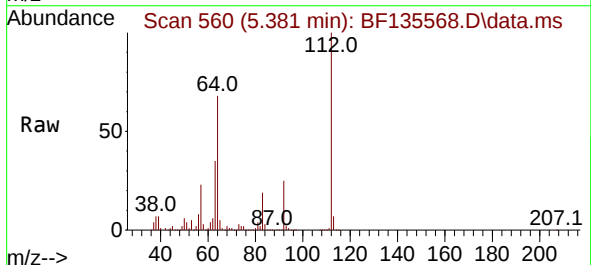
Instrument :
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 ClientSampleId :
 IS3-COMP

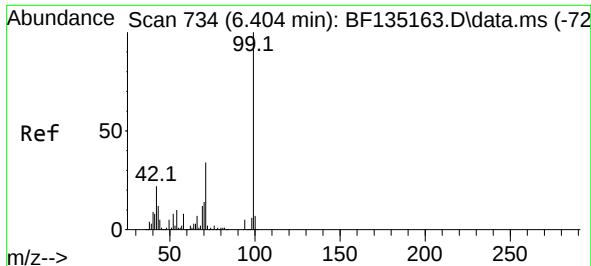
Tgt Ion:152 Resp: 141695
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.8 191.6
 115 56.9 49.8 74.8



#5
 2-Fluorophenol
 Concen: 112.744 ng
 RT: 5.381 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: BF135568.D
 Acq: 04 Oct 2023 13:25

Tgt Ion:112 Resp: 982221
 Ion Ratio Lower Upper
 112 100
 64 68.0 55.9 83.9
 63 34.8 29.0 43.6

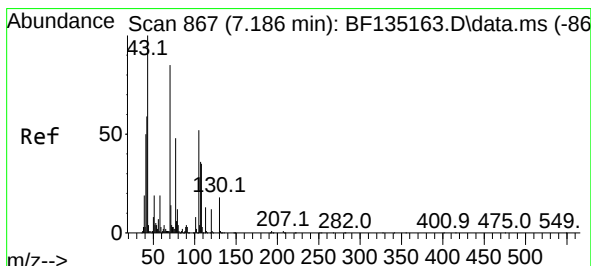
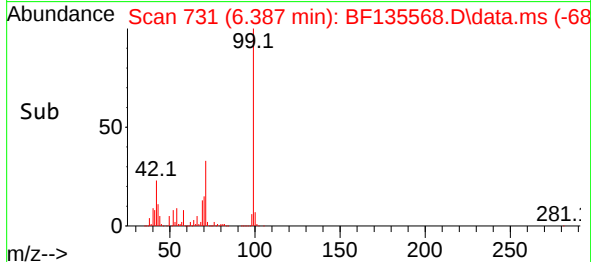
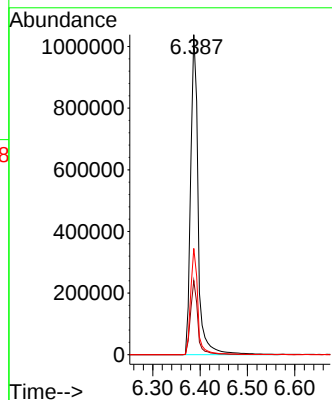
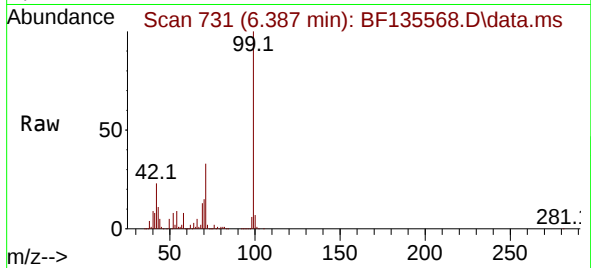




#7
Phenol-d6
Concen: 102.805 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

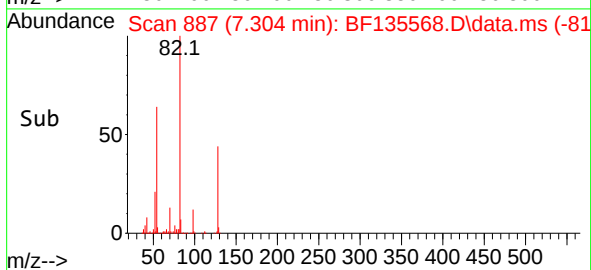
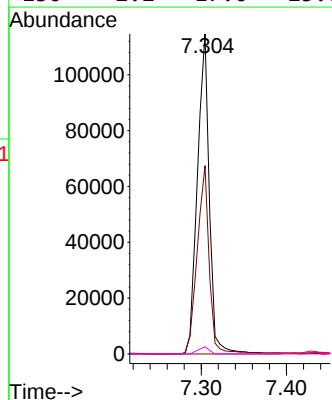
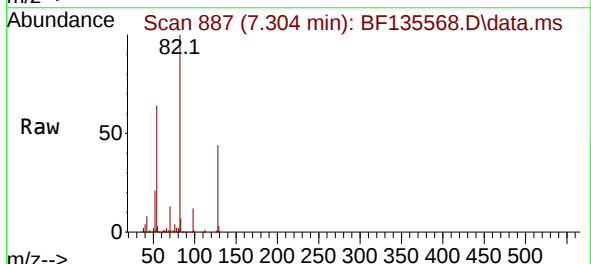
Instrument :
BNA_F
ClientSampleId :
IS3-COMP

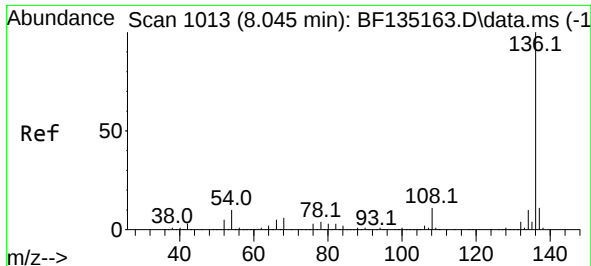
Tgt Ion: 99 Resp: 1138848
Ion Ratio Lower Upper
99 100
42 23.2 17.9 26.9
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.299 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.135 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion: 70 Resp: 111838
Ion Ratio Lower Upper
70 100
42 58.8 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

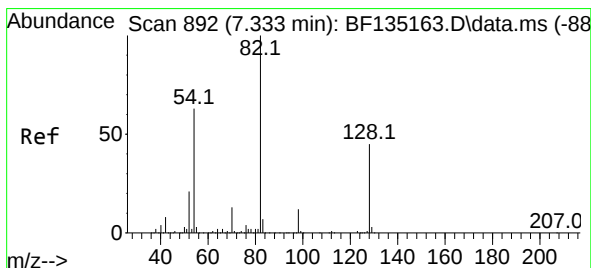
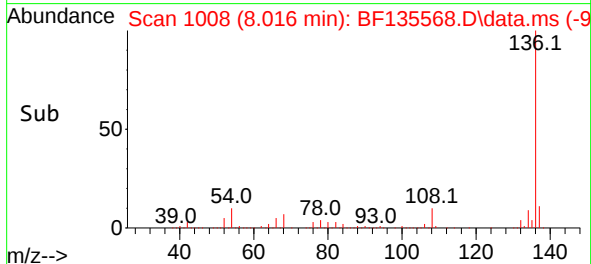
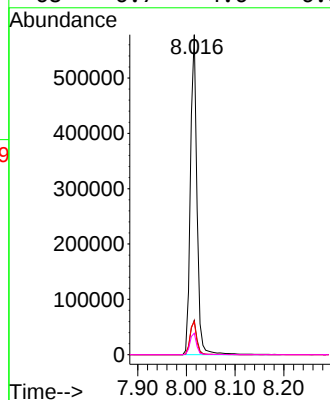
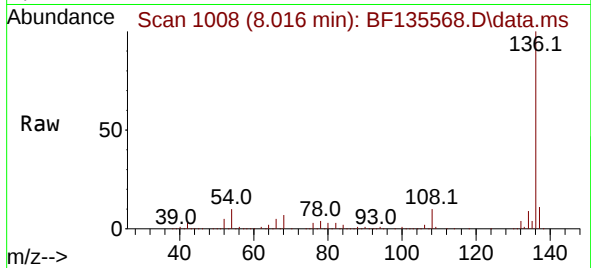




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

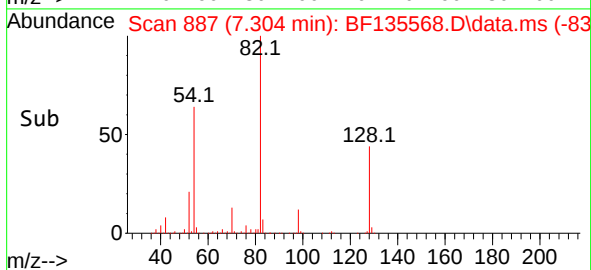
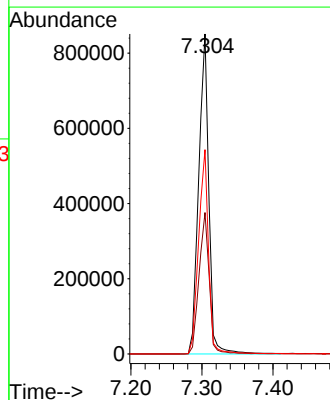
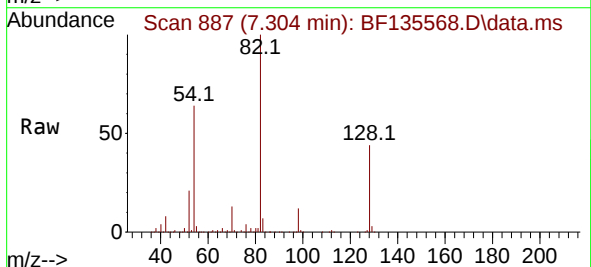
Instrument :
BNA_F
ClientSampleId :
IS3-COMP

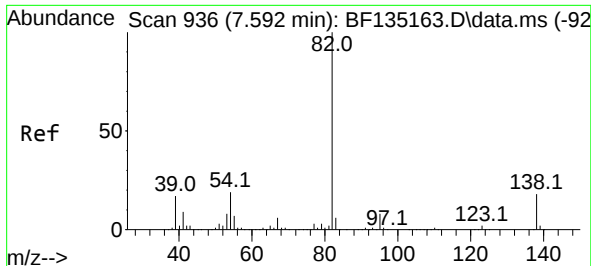
Tgt Ion:136	Resp: 536052
Ion Ratio	Lower Upper
136	100
137	10.7 8.8 13.2
54	10.2 7.7 11.5
68	6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 85.578 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion: 82	Resp: 844377
Ion Ratio	Lower Upper
82	100
128	44.2 35.8 53.6
54	63.9 50.6 76.0

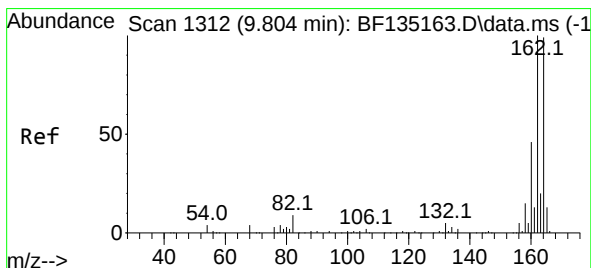
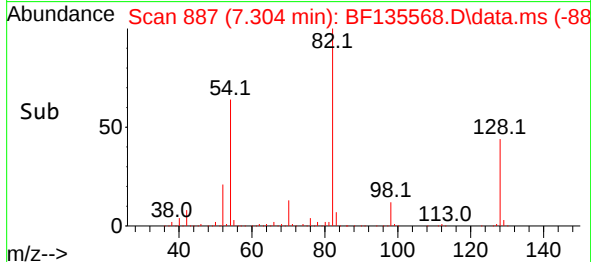
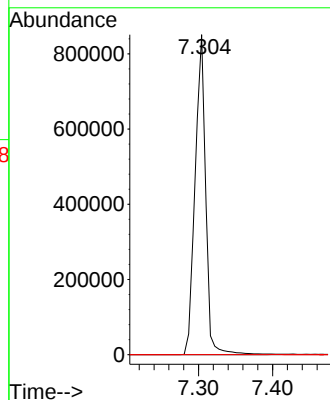
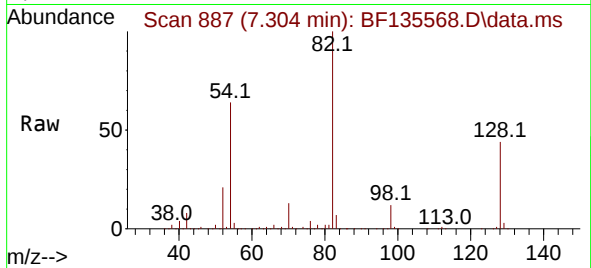




#25
Isophorone
Concen: 46.604 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

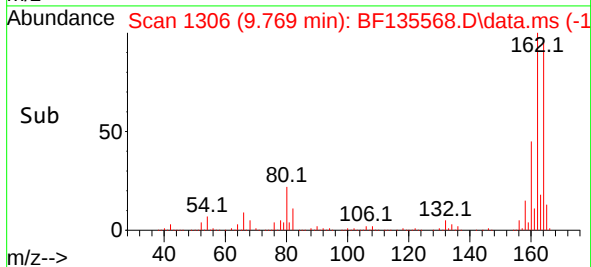
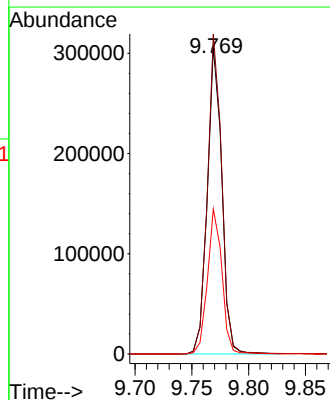
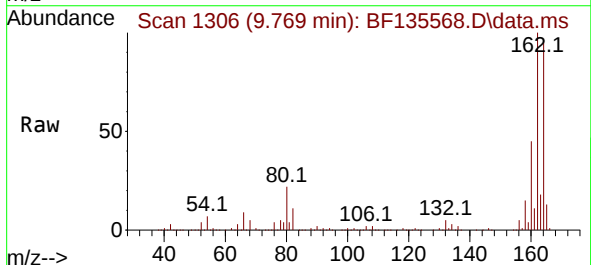
Instrument :
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IS3-COMP

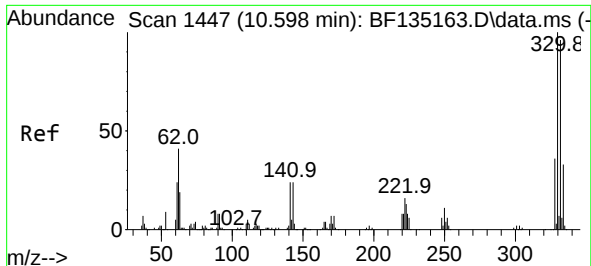
Tgt Ion: 82 Resp: 844369
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion: 164 Resp: 270998
Ion Ratio Lower Upper
164 100
162 104.3 81.0 121.4
160 47.2 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 120.623 ng

RT: 10.569 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

Instrument :

BNA_F

ClientSampleId :

IS3-COMP

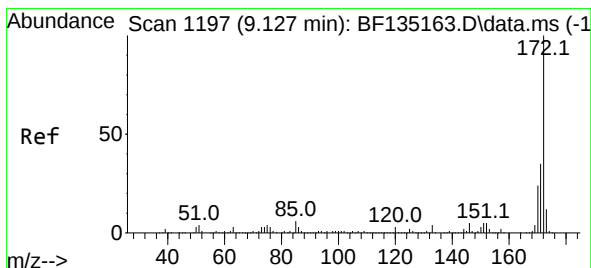
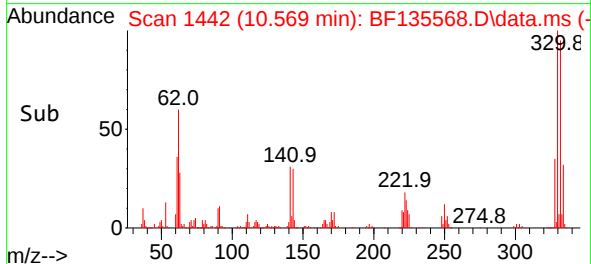
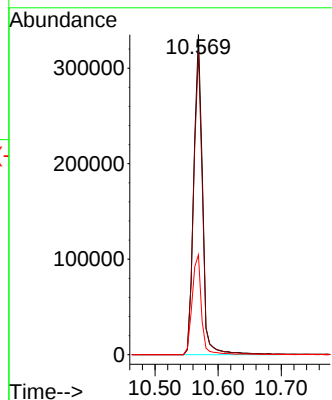
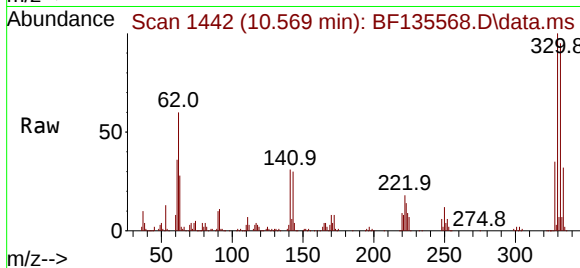
Tgt Ion:330 Resp: 324845

Ion Ratio Lower Upper

330 100

332 95.2 77.3 115.9

141 33.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 78.811 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.018 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

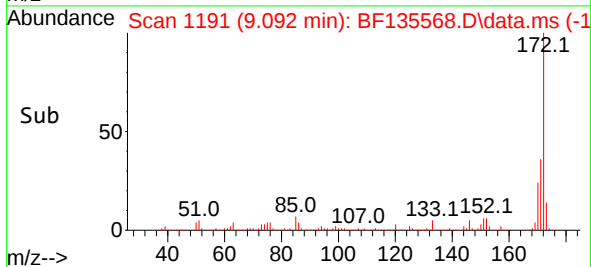
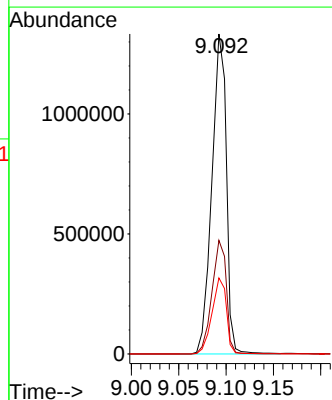
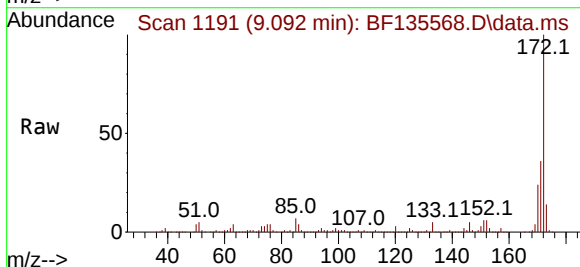
Tgt Ion:172 Resp: 1415605

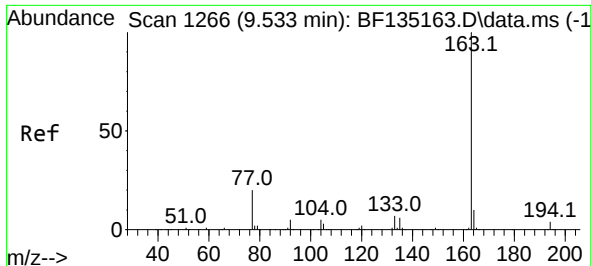
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 19.0 28.4

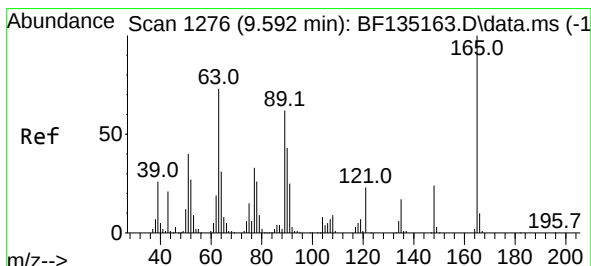
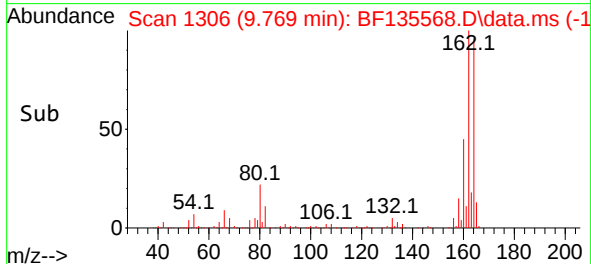
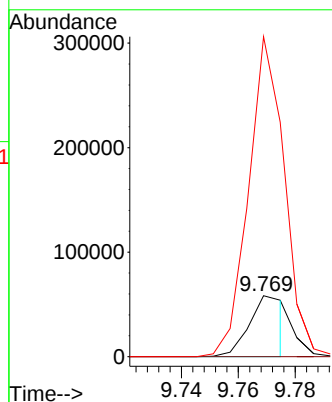
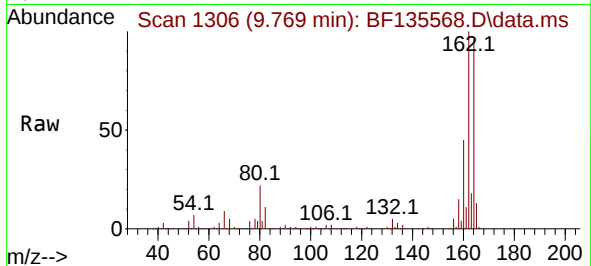




#50
Dimethylphthalate
Concen: 2.747 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.253 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

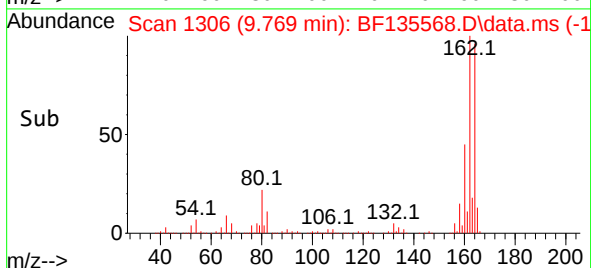
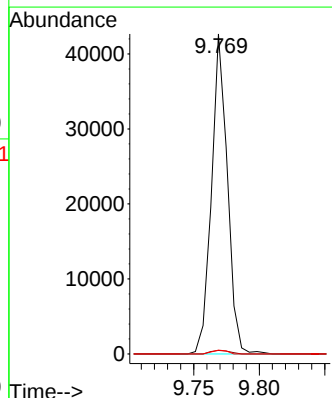
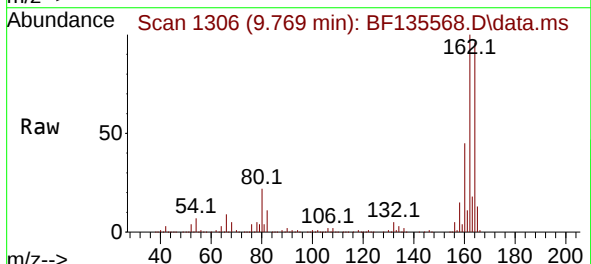
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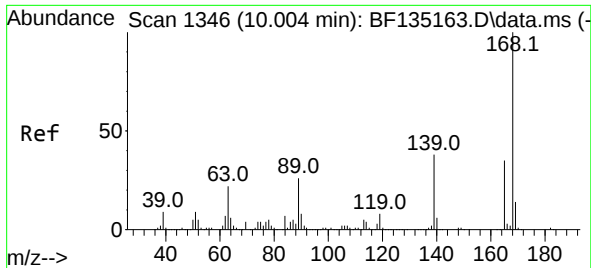
Tgt Ion:163 Resp: 50338
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 525.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.958 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.182 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion:165 Resp: 35956
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.2 49.8 74.8#

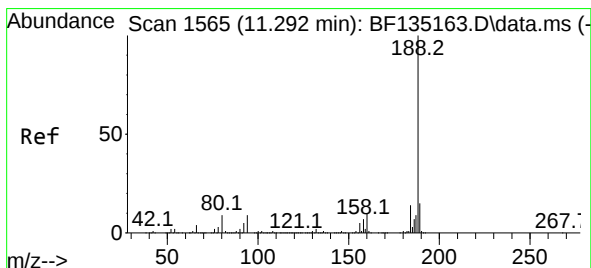
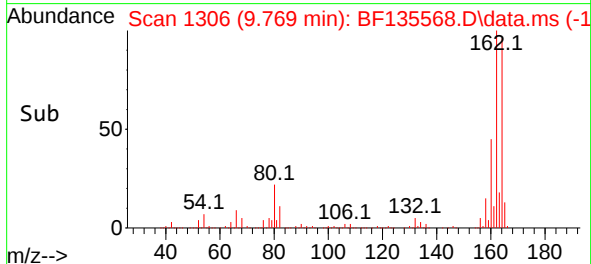
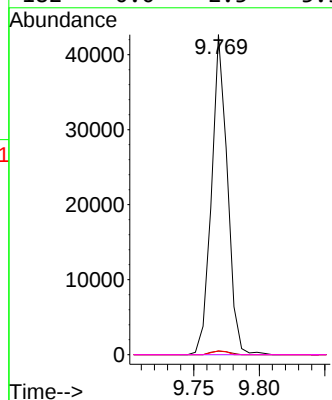
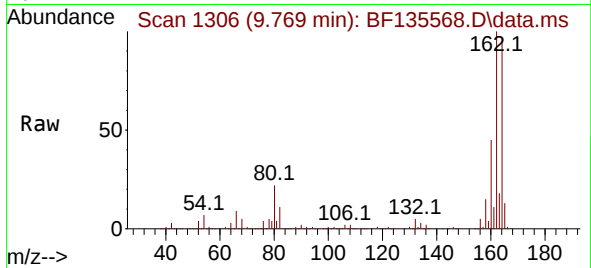




#57
2,4-Dinitrotoluene
Concen: 7.156 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.223 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

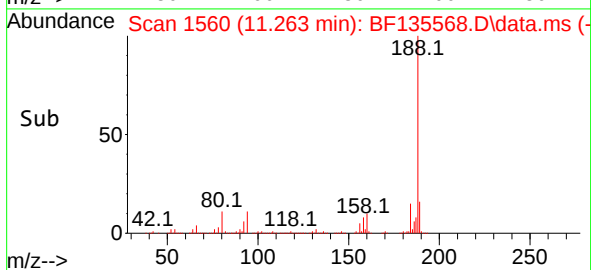
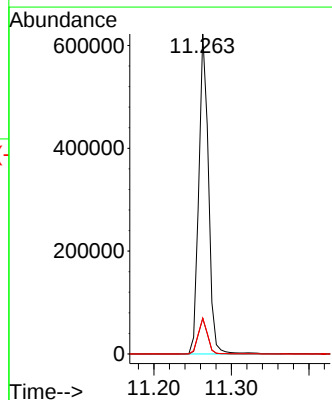
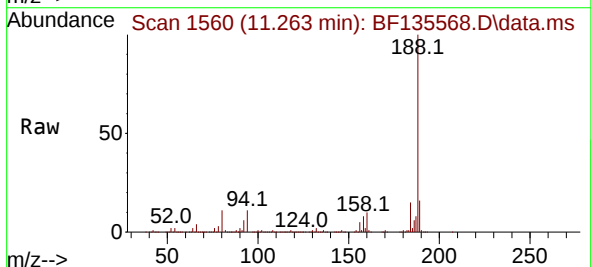
Instrument :
BNA_F
ClientSampleId :
IS3-COMP

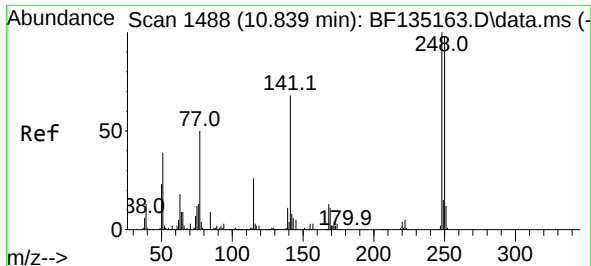
Tgt Ion:165	Resp:	35956
Ion Ratio	Lower	Upper
165	100	
63	1.1	50.1 75.1#
89	1.2	59.3 88.9#
182	0.0	2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion:188	Resp:	539732
Ion Ratio	Lower	Upper
188	100	
94	11.1	7.0 10.6#
80	11.2	7.5 11.3

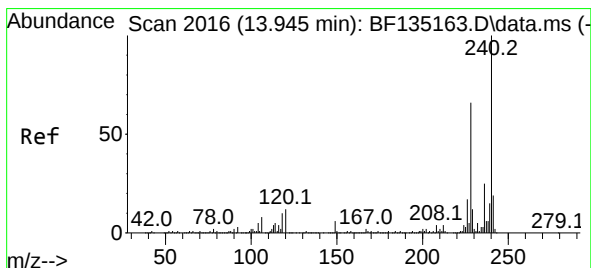
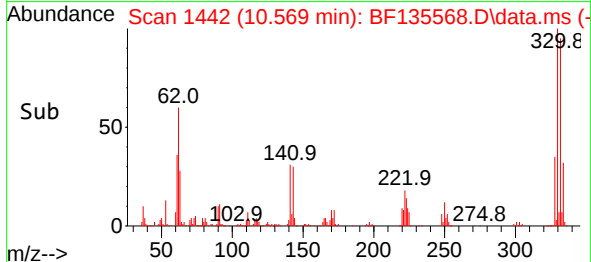
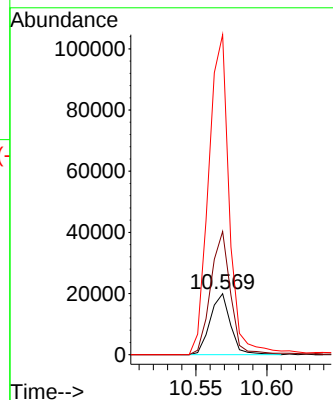
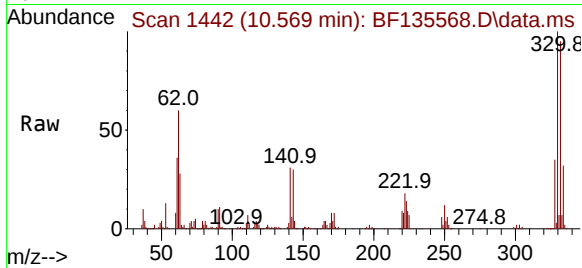




#67
4-Bromophenyl-phenylether
Concen: 3.703 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.253 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

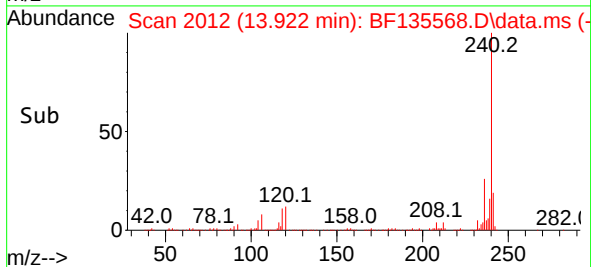
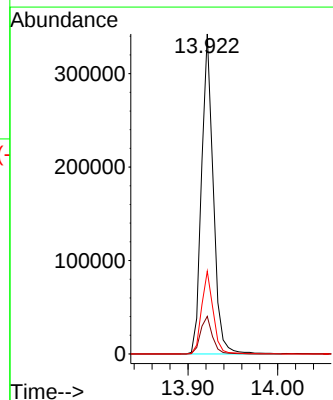
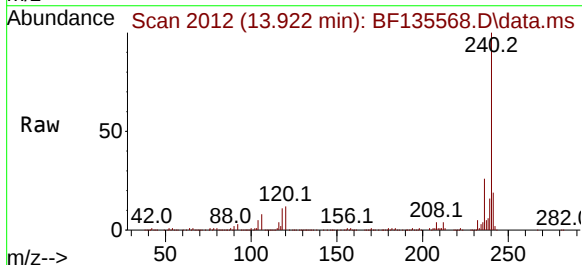
Instrument :
BNA_F
ClientSampleId :
IS3-COMP

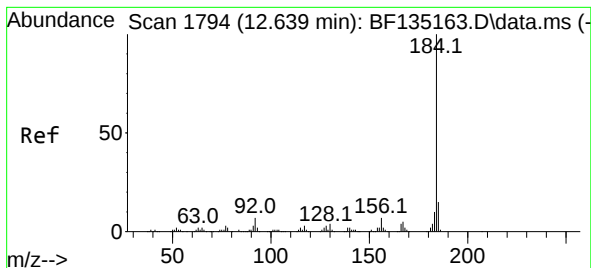
Tgt Ion:248 Resp: 19879
Ion Ratio Lower Upper
248 100
250 202.1 78.6 117.8#
141 524.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 2012
Delta R.T. -0.012 min
Lab File: BF135568.D
Acq: 04 Oct 2023 13:25

Tgt Ion:240 Resp: 310375
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.9 19.8 29.8





#77

Benzidine

Concen: 3.311 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.241 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

Instrument :

BNA_F

ClientSampleId :

IS3-COMP

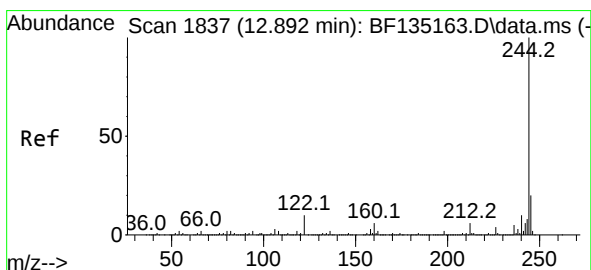
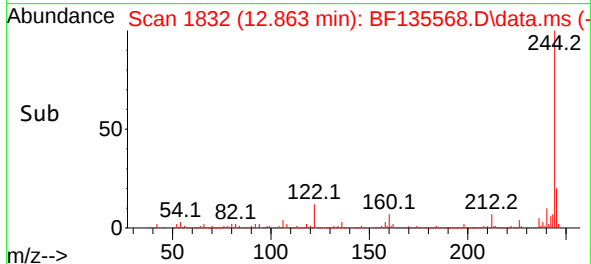
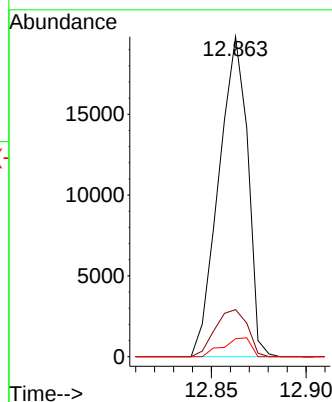
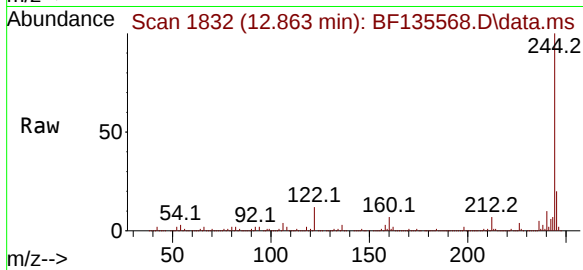
Tgt Ion:184 Resp: 21055

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

183 5.6 8.2 12.4#



#79

Terphenyl-d14

Concen: 81.028 ng

RT: 12.863 min Scan# 1832

Delta R.T. -0.012 min

Lab File: BF135568.D

Acq: 04 Oct 2023 13:25

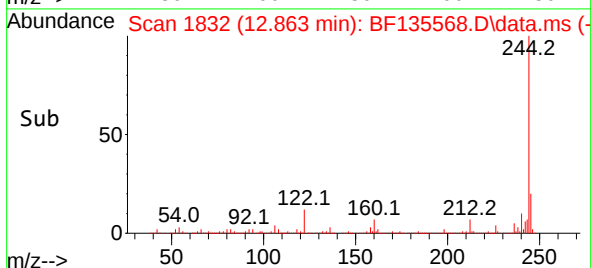
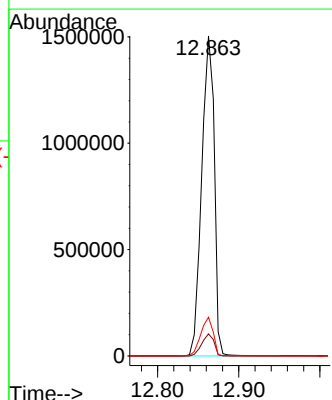
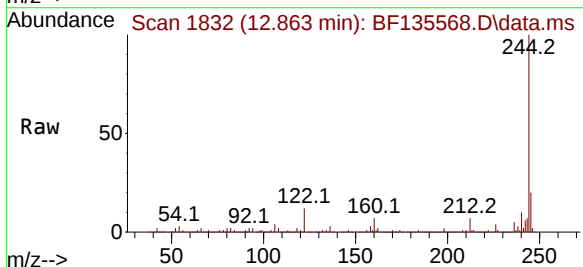
Tgt Ion:244 Resp: 1622319

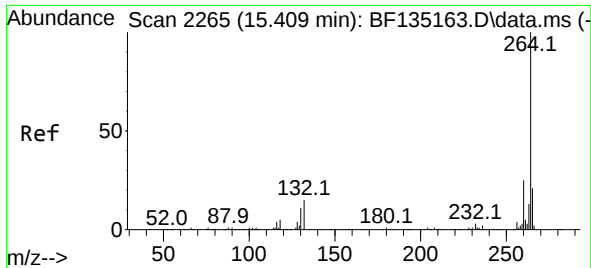
Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

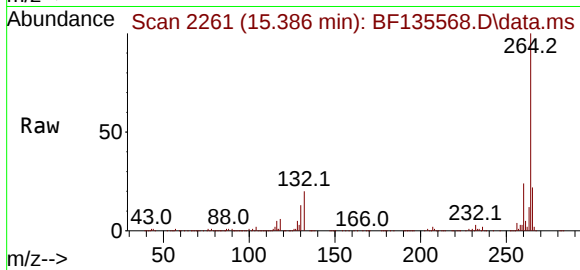
122 12.1 7.9 11.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135568.D
 Acq: 04 Oct 2023 13:25

Instrument :
 BNA_F
 ClientSampleId :
 IS3-COMP



Tgt Ion:264 Resp: 261838
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.8 29.6
 265 22.2 17.0 25.4

