

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135564.D
 Acq On : 04 Oct 2023 11:13
 Operator : CG\JU
 Sample : PB156015BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BL

Quant Time: Oct 04 13:06:32 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

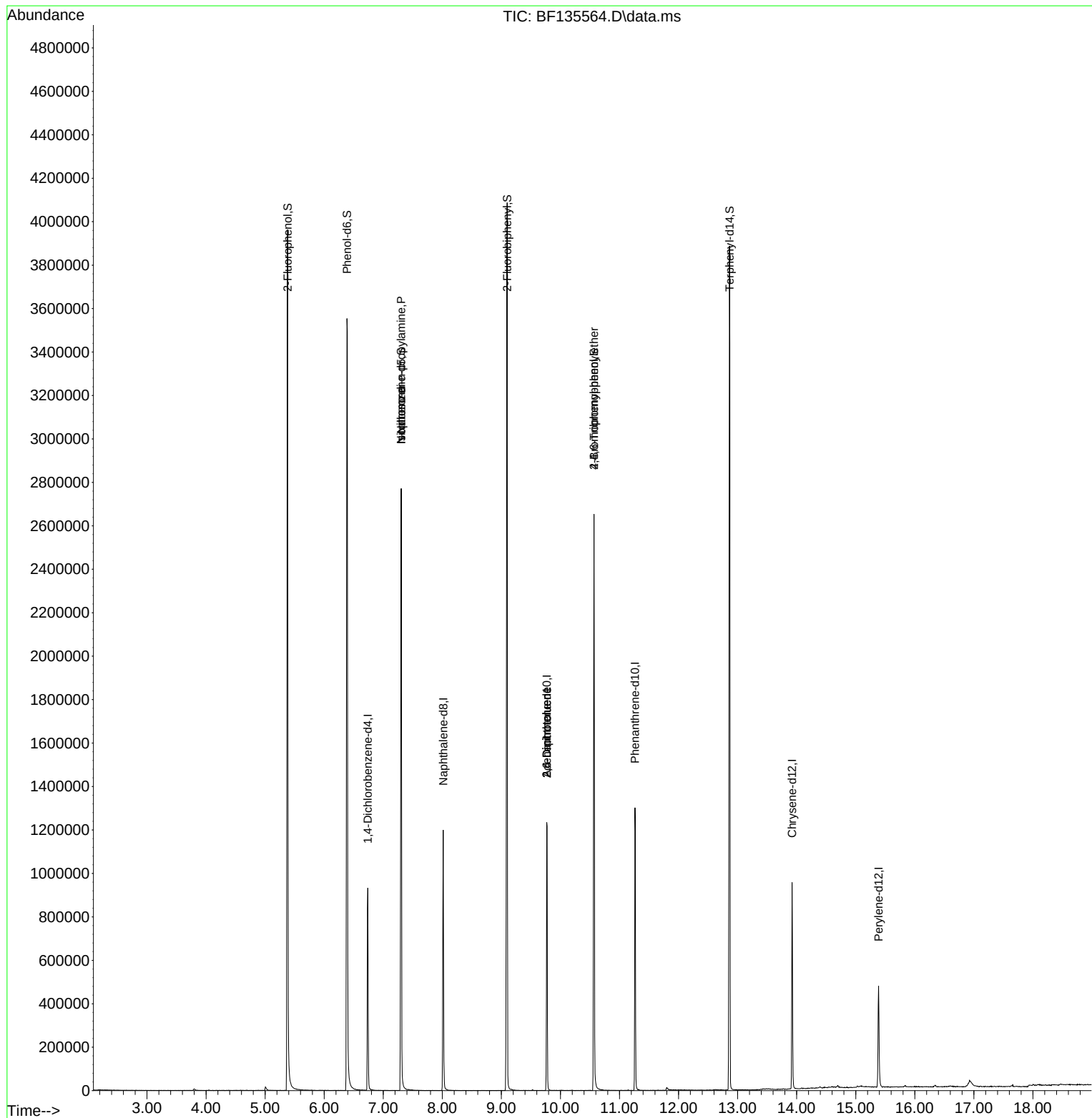
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	141996	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	539400	20.000	ng	-0.01
39) Acenaphthene-d10	9.769	164	267167	20.000	ng	-0.02
64) Phenanthrene-d10	11.263	188	503386	20.000	ng	#-0.01
76) Chrysene-d12	13.921	240	316893	20.000	ng	-0.01
86) Perylene-d12	15.386	264	229209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1143419	130.969	ng	0.00
7) Phenol-d6	6.387	99	1433715	129.149	ng	-0.02
23) Nitrobenzene-d5	7.304	82	913615	92.021	ng	-0.02
42) 2,4,6-Tribromophenol	10.569	330	320492	120.713	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1475512	83.324	ng	-0.01
79) Terphenyl-d14	12.863	244	1548301	75.741	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	121645	17.691	ng	# 81
25) Isophorone	7.304	82	913607	50.113	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	34309	8.670	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	34309	6.926	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	20546	4.104	ng	# 1

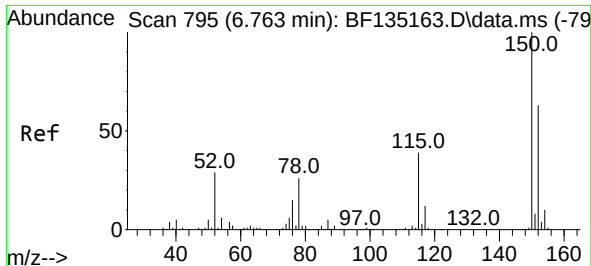
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 04 06:58:43 2023
Response via : Initial Calibration

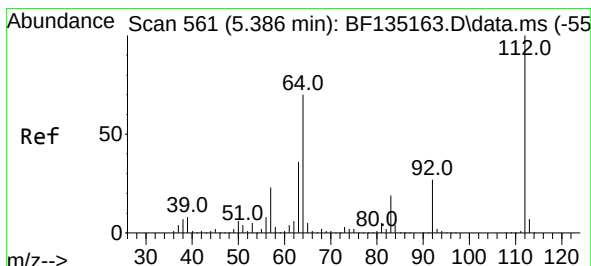
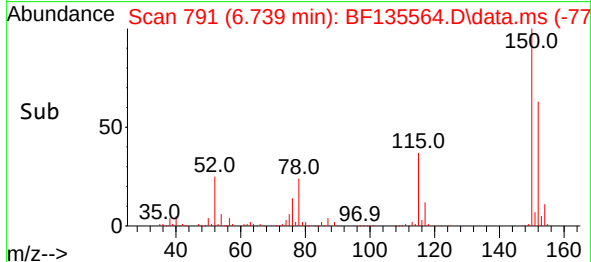
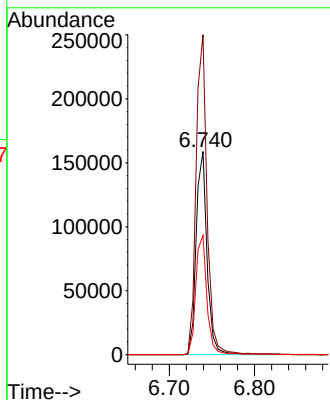
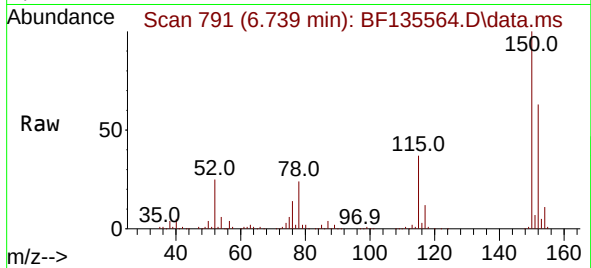




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

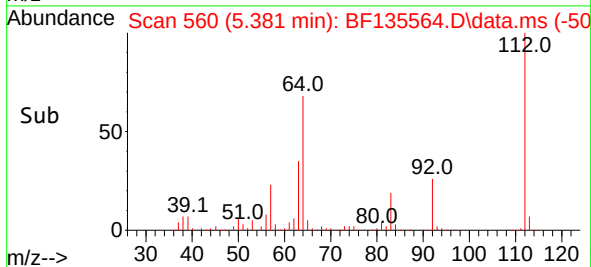
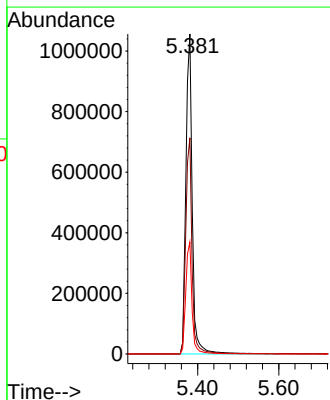
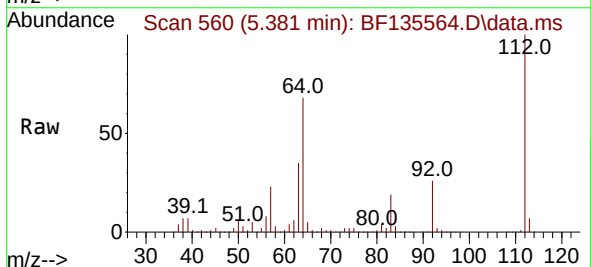
Instrument :
BNA_F
ClientSampleId :
PB156015BL

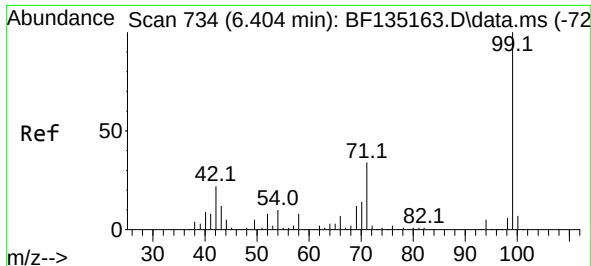
Tgt Ion:152 Resp: 141996
Ion Ratio Lower Upper
152 100
150 157.5 127.8 191.6
115 58.7 49.8 74.8



#5
2-Fluorophenol
Concen: 130.969 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion:112 Resp: 1143419
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 35.0 29.0 43.6

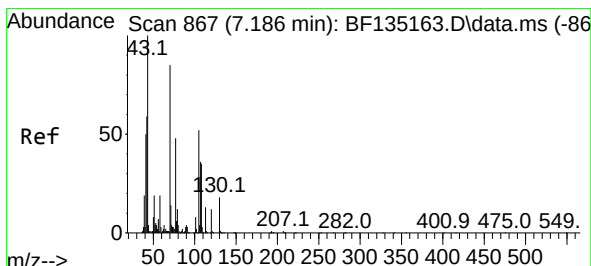
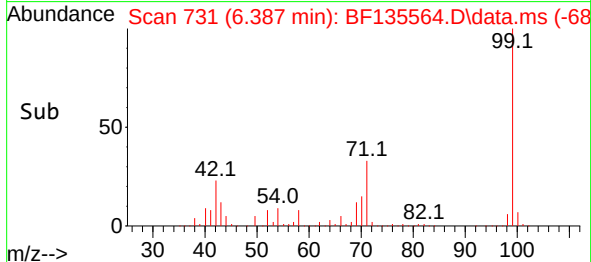
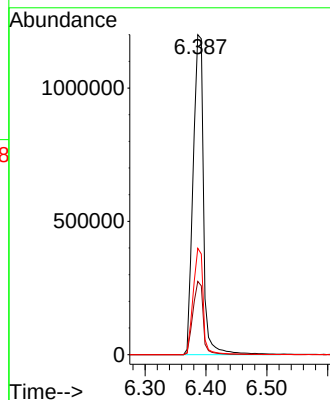
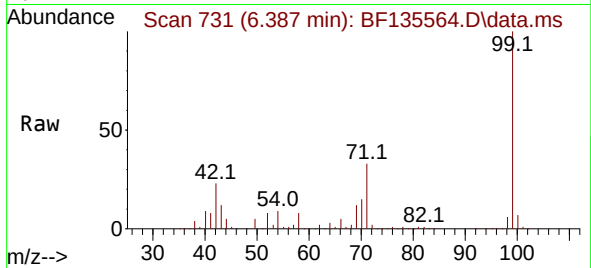




#7
Phenol-d6
Concen: 129.149 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

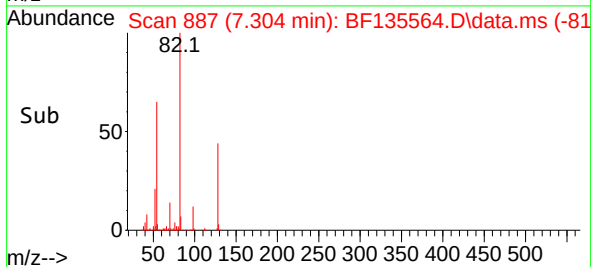
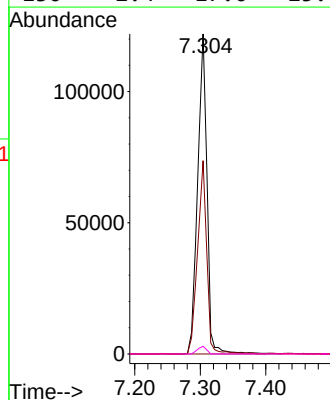
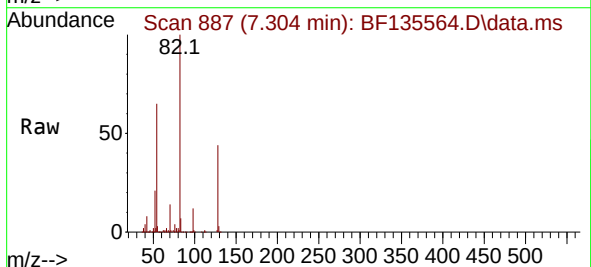
Instrument :
BNA_F
ClientSampleId :
PB156015BL

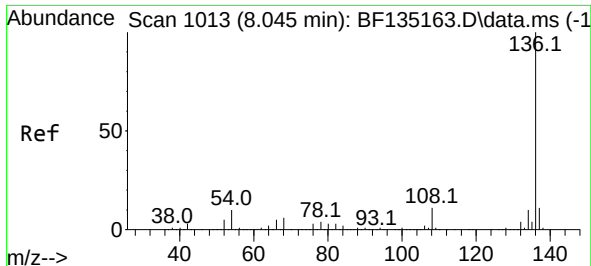
Tgt Ion: 99 Resp: 1433715
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 33.3 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.691 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.135 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion: 70 Resp: 121645
Ion Ratio Lower Upper
70 100
42 60.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.4 17.0 25.6#



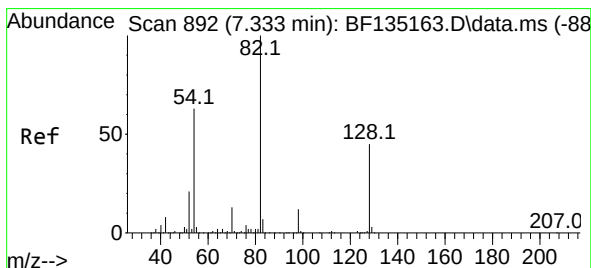
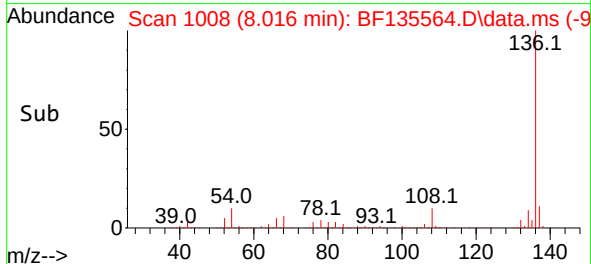
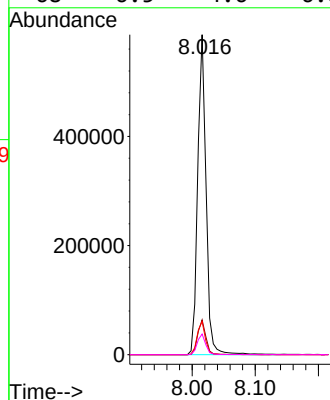
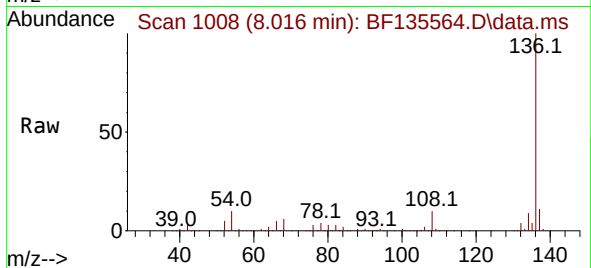


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Instrument :
BNA_F
ClientSampleId :
PB156015BL

Tgt Ion:136 Resp: 539400

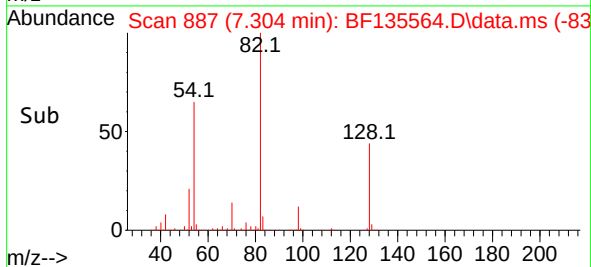
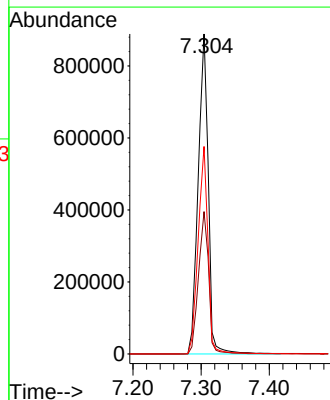
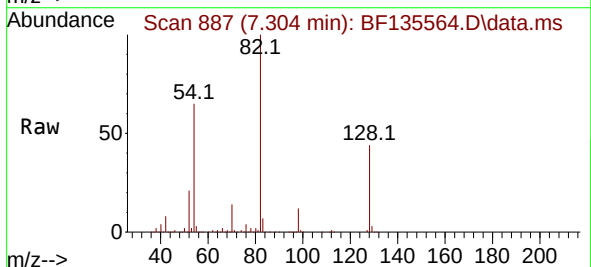
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.3	7.7	11.5
68	6.5	4.6	6.8

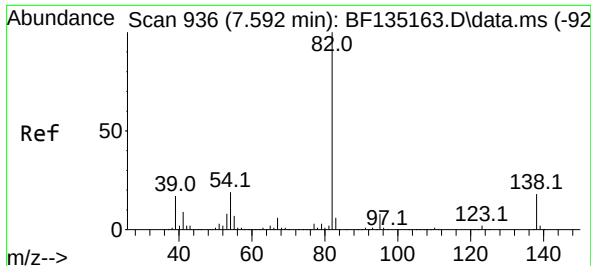


#23
Nitrobenzene-d5
Concen: 92.021 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.018 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion: 82 Resp: 913615

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.8	53.6
54	64.8	50.6	76.0

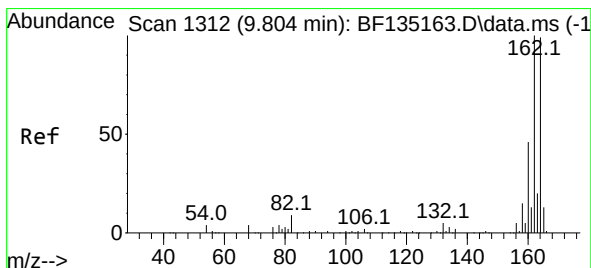
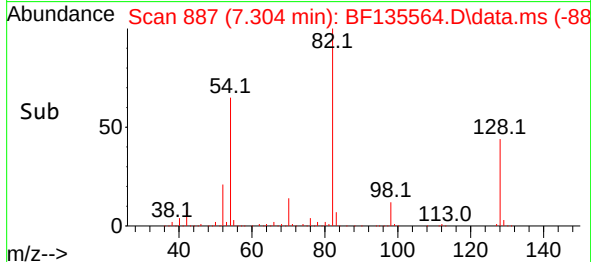
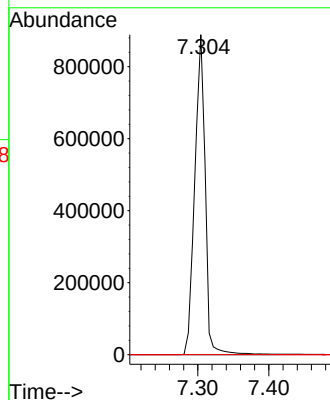
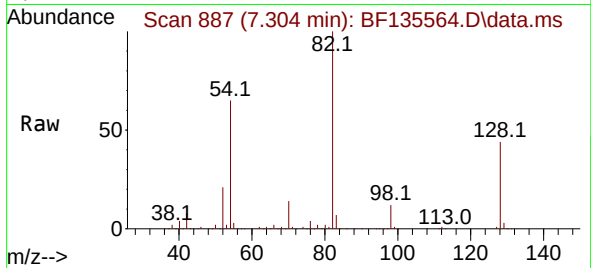




#25
Isophorone
Concen: 50.113 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

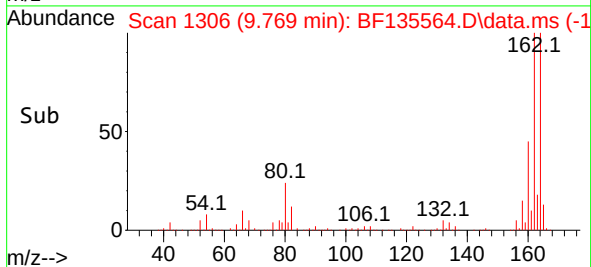
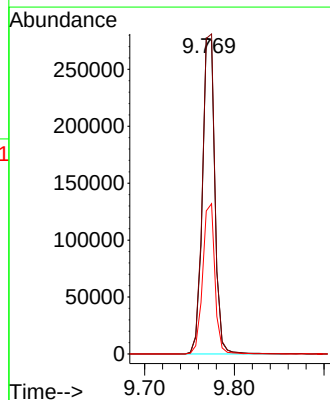
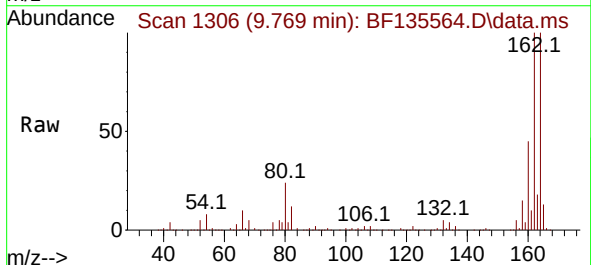
Instrument :
BNA_F
ClientSampleId :
PB156015BL

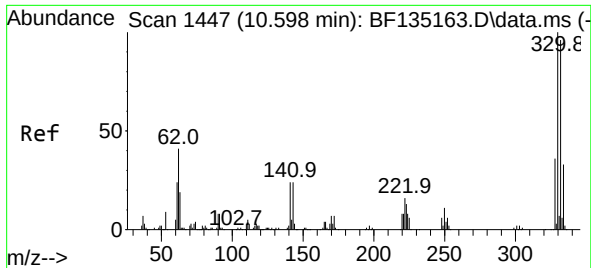
Tgt Ion: 82 Resp: 913607
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.018 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

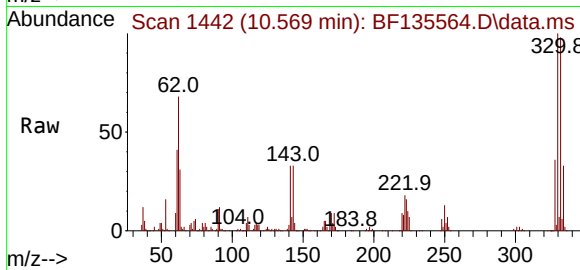
Tgt Ion: 164 Resp: 267167
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 45.3 37.0 55.4



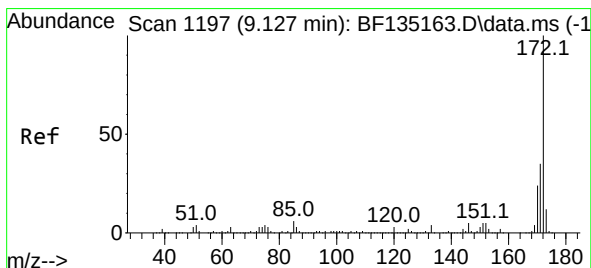
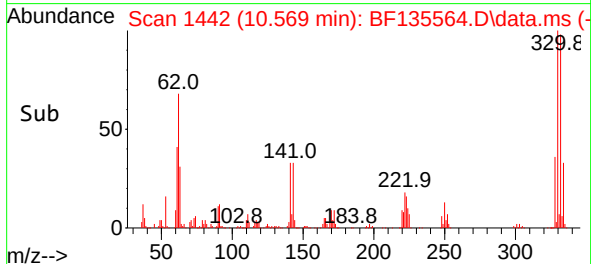
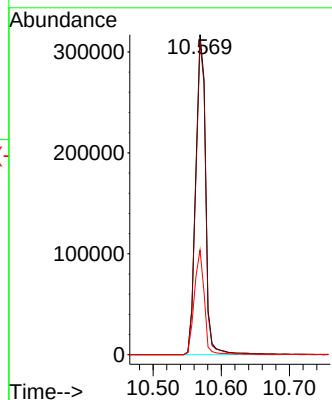


#42
 2,4,6-Tribromophenol
 Concen: 120.713 ng
 RT: 10.569 min Scan# 1442
 Delta R.T. -0.012 min
 Lab File: BF135564.D
 Acq: 04 Oct 2023 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BL

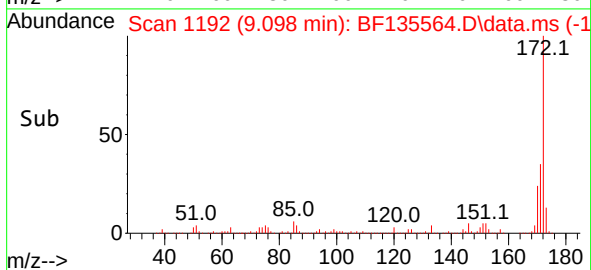
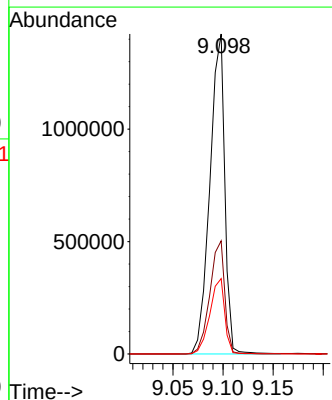
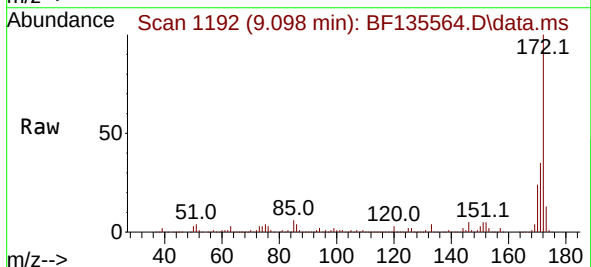


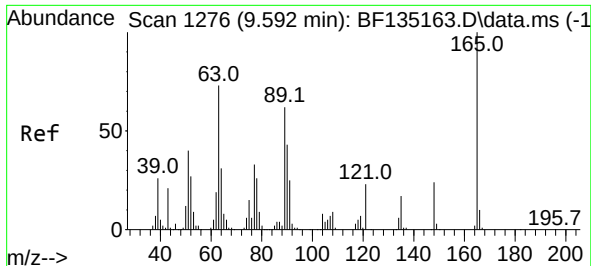
Tgt Ion:330 Resp: 320492
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.3 115.9
 141 32.8 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 83.324 ng
 RT: 9.098 min Scan# 1192
 Delta R.T. -0.012 min
 Lab File: BF135564.D
 Acq: 04 Oct 2023 11:13

Tgt Ion:172 Resp: 1475512
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 23.6 19.0 28.4

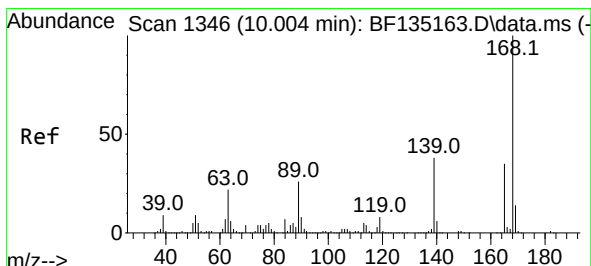
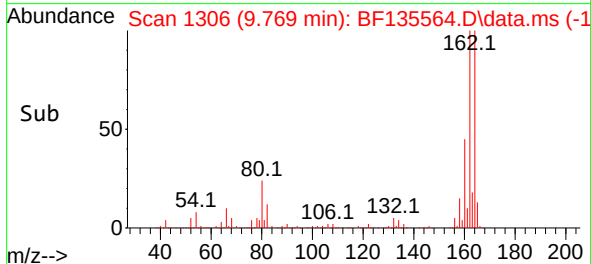
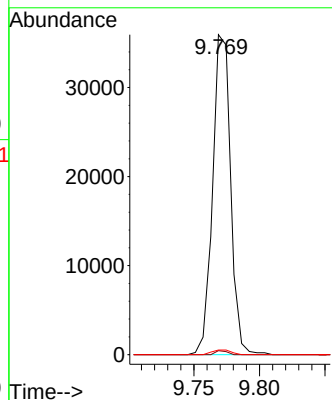
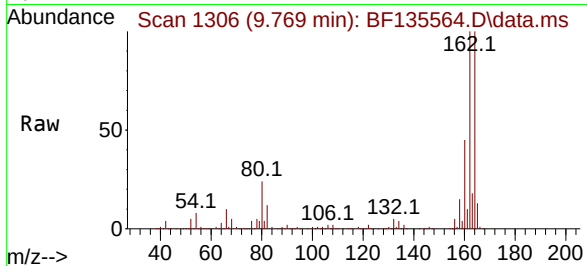




#51
2,6-Dinitrotoluene
Concen: 8.670 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.182 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

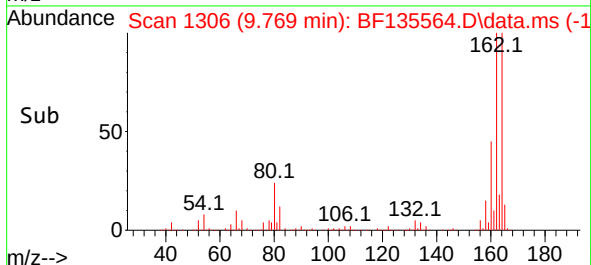
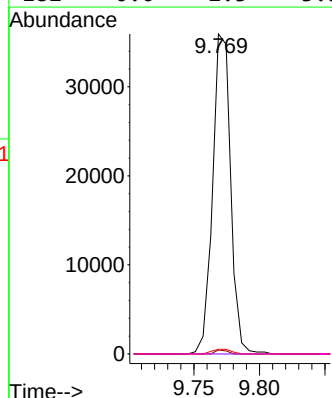
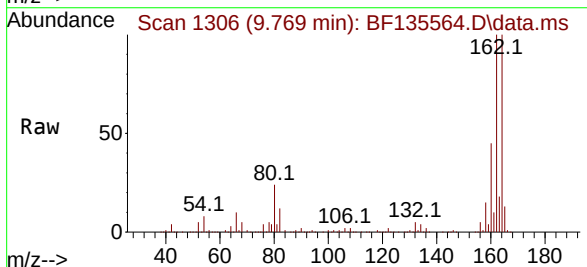
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ClientSampleId :
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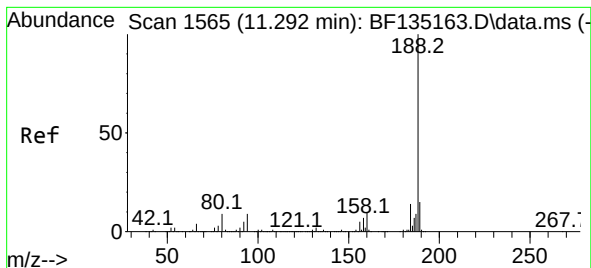
Tgt Ion:165 Resp: 34309
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.5 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.926 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.224 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion:165 Resp: 34309
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135564.D

Acq: 04 Oct 2023 11:13

Instrument :

BNA_F

ClientSampleId :

PB156015BL

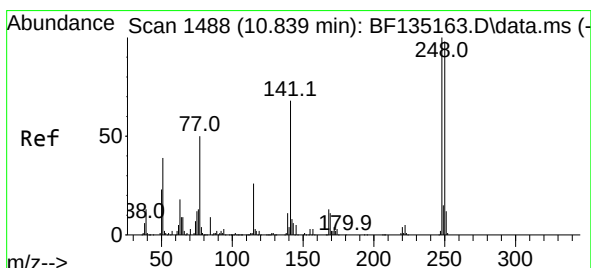
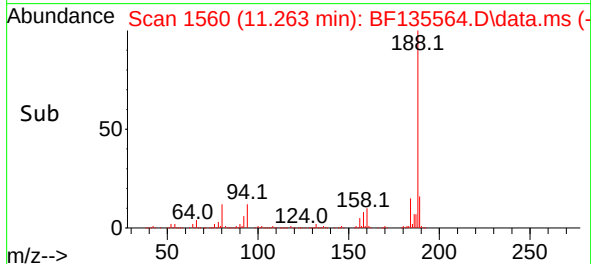
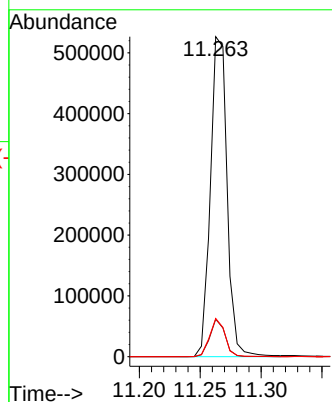
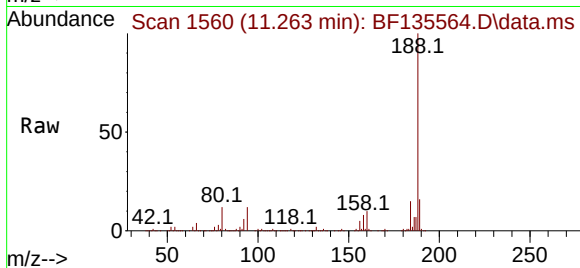
Tgt Ion:188 Resp: 503386

Ion Ratio Lower Upper

188 100

94 11.7 7.0 10.6#

80 11.9 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 4.104 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF135564.D

Acq: 04 Oct 2023 11:13

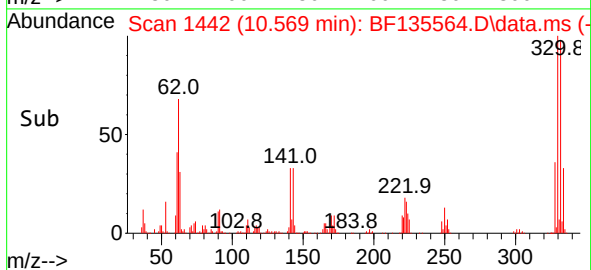
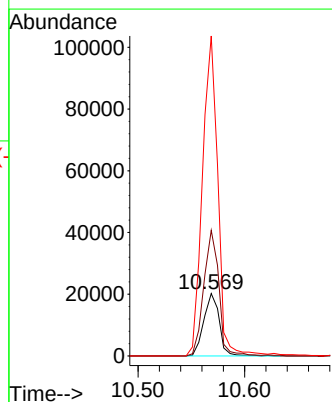
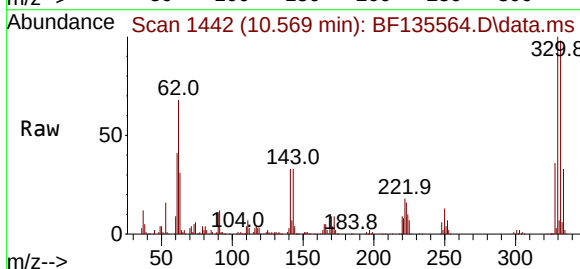
Tgt Ion:248 Resp: 20546

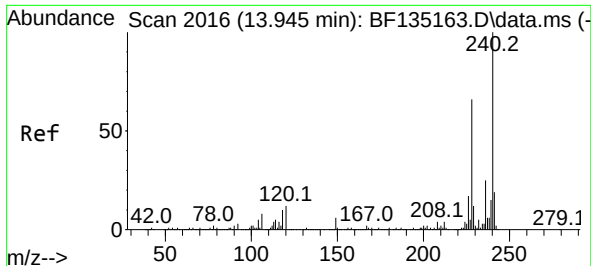
Ion Ratio Lower Upper

248 100

250 201.3 78.6 117.8#

141 512.7 54.2 81.2#

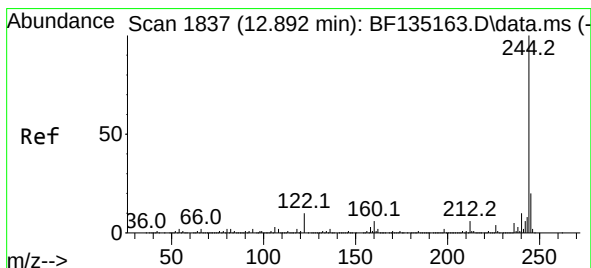
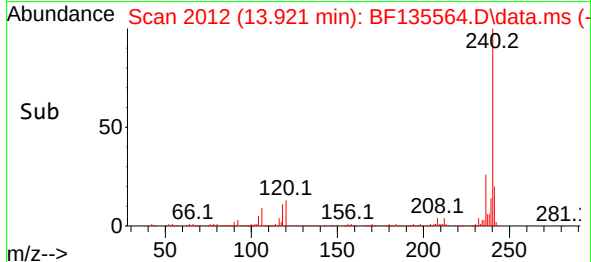
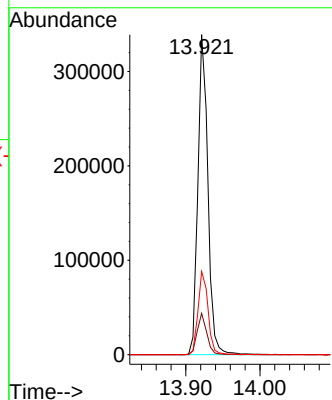
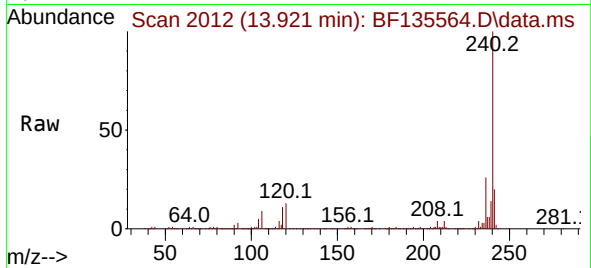




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

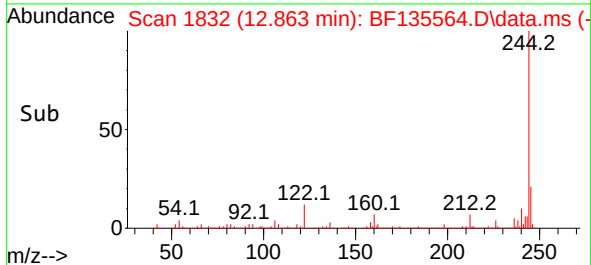
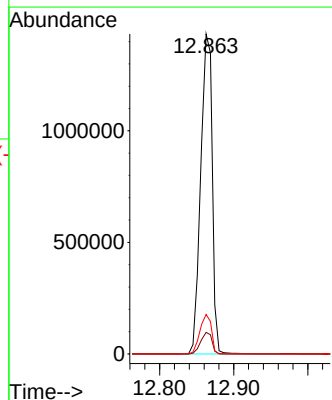
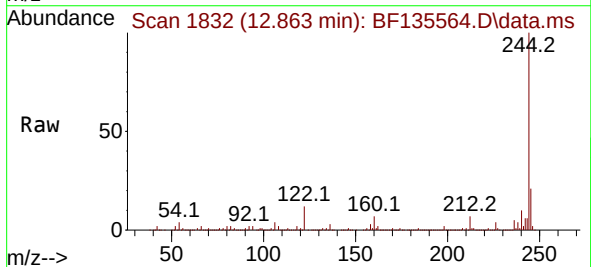
Instrument :
BNA_F
ClientSampleId :
PB156015BL

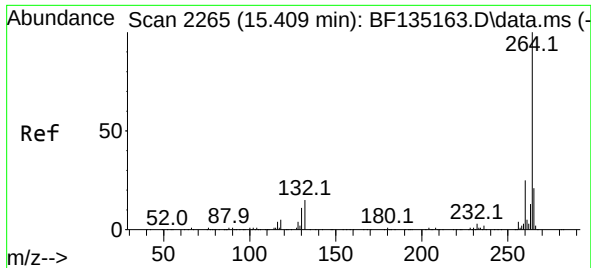
Tgt Ion:240 Resp: 316893
Ion Ratio Lower Upper
240 100
120 12.9 9.4 14.2
236 26.0 19.8 29.8



#79
Terphenyl-d14
Concen: 75.741 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.012 min
Lab File: BF135564.D
Acq: 04 Oct 2023 11:13

Tgt Ion:244 Resp: 1548301
Ion Ratio Lower Upper
244 100
212 6.8 5.1 7.7
122 12.3 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: BF135564.D
 Acq: 04 Oct 2023 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB156015BL

Tgt Ion:264 Resp: 229209
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.8 29.6
 265 21.8 17.0 25.4

