

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135608.D
 Acq On : 05 Oct 2023 19:43
 Operator : CG\JU
 Sample : 04712-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 06 03:47:05 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 17:06:20 2023
 Response via : Initial Calibration

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

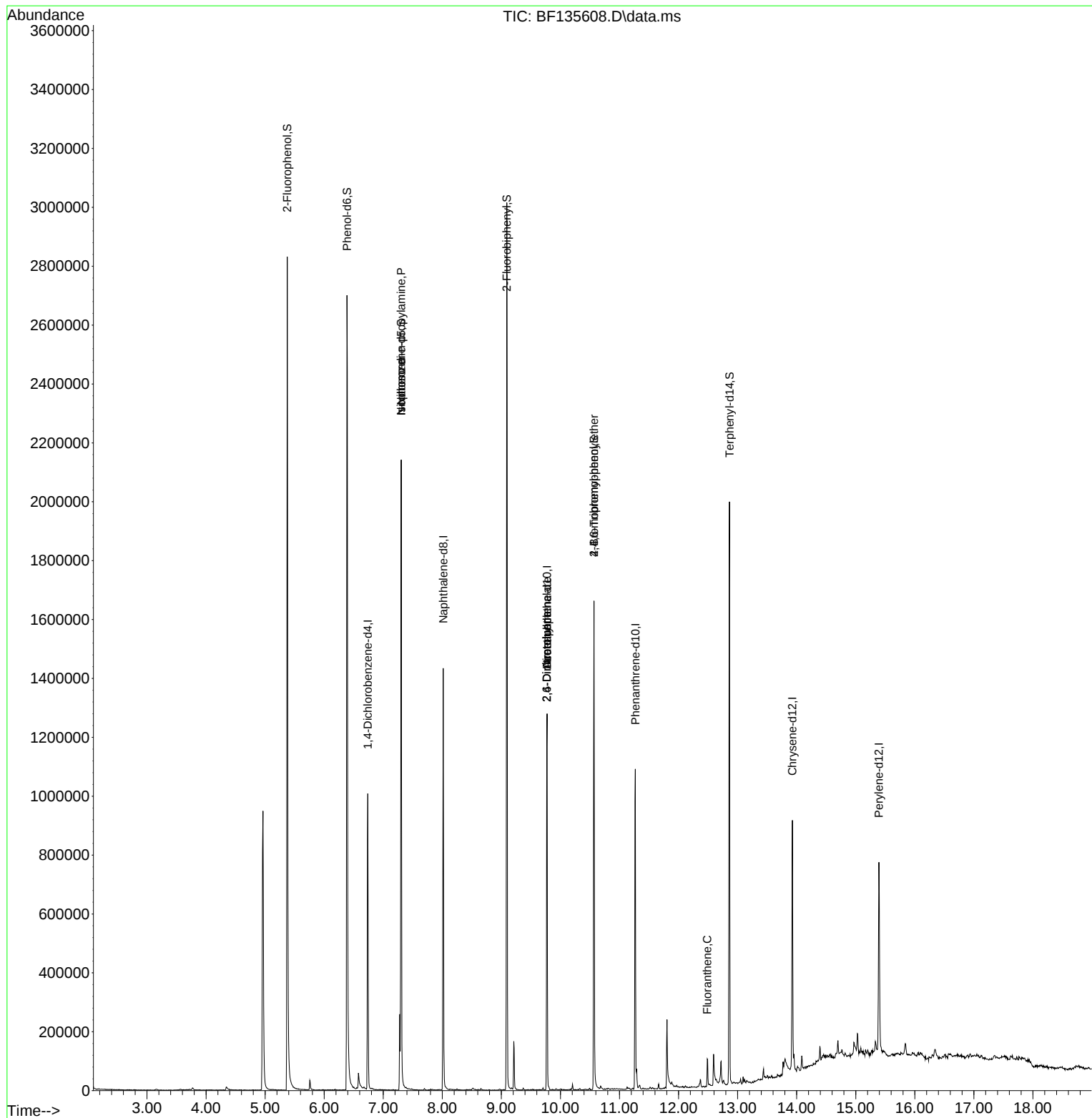
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	149341	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	576553	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	260383	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	409210	20.000	ng	0.00
76) Chrysene-d12	13.927	240	281138	20.000	ng	0.00
86) Perylene-d12	15.392	264	300425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	787880	85.807	ng	0.00
7) Phenol-d6	6.387	99	995831	85.292	ng	0.00
23) Nitrobenzene-d5	7.304	82	592637	55.845	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	177943	68.768	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	942006	54.582	ng	0.00
79) Terphenyl-d14	12.863	244	662830	36.548	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	79833	11.039	ng	# 78
25) Isophorone	7.304	82	592633	30.412	ng	# 65
50) Dimethylphthalate	9.775	163	52384	2.976	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	32829	8.512	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	32829	6.800	ng	# 19
67) 4-Bromophenyl-phenylether	10.569	248	11367	2.793	ng	# 1
75) Fluoranthene	12.486	202	40512	2.009	ng	97

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

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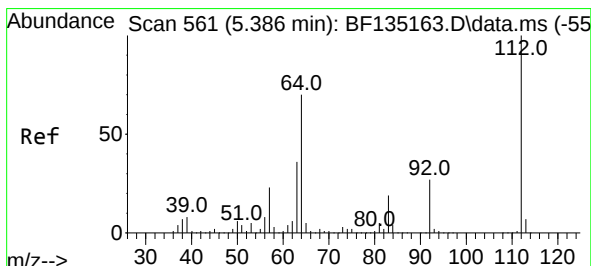
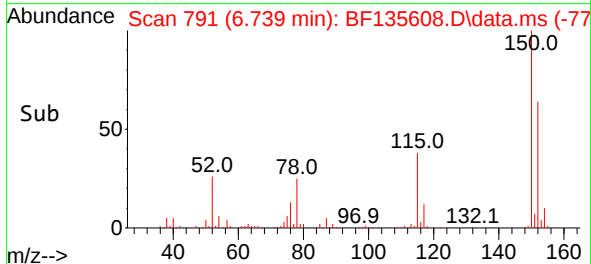
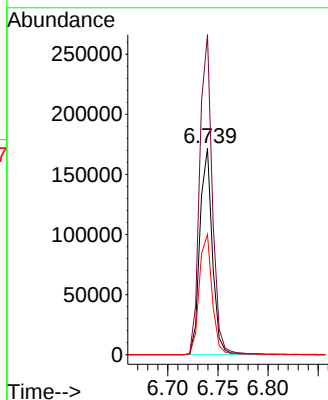
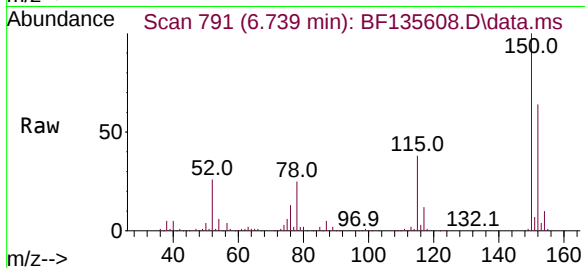




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

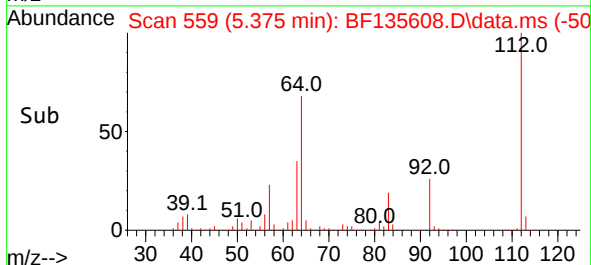
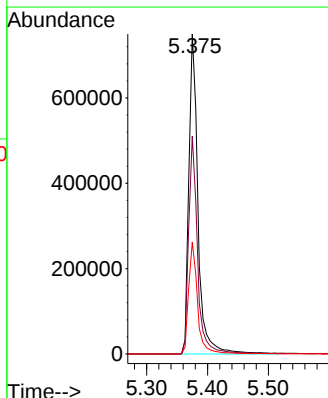
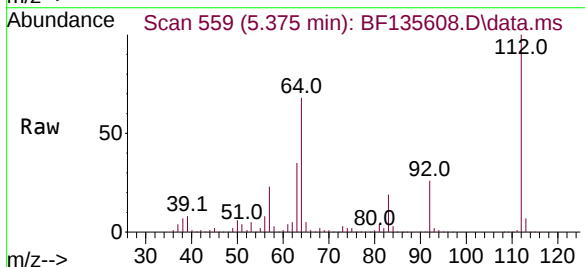
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 149341
Ion Ratio Lower Upper
152 100
150 155.1 127.8 191.6
115 58.3 49.8 74.8



#5
2-Fluorophenol
Concen: 85.807 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

Tgt Ion:112 Resp: 787880
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 35.0 29.0 43.6





#7

Phenol-d6

Concen: 85.292 ng

RT: 6.387 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135608.D

Acq: 05 Oct 2023 19:43

Instrument :

BNA_F

ClientSampleId :

WC-2

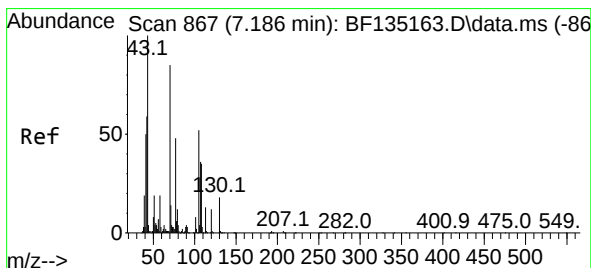
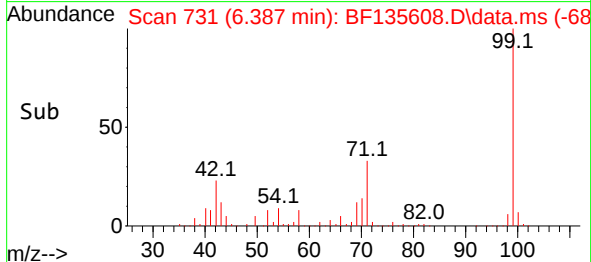
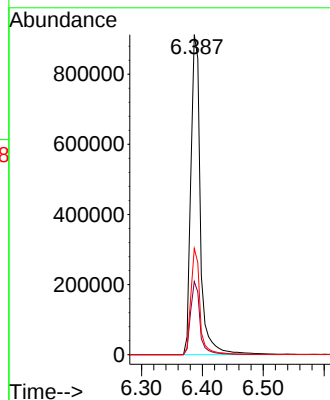
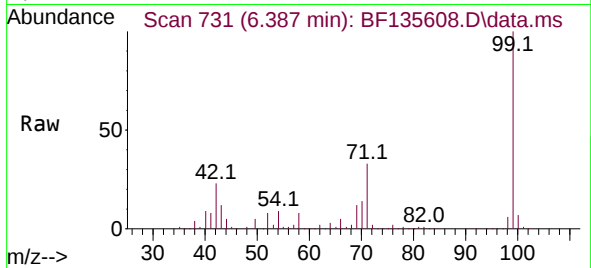
Tgt Ion: 99 Resp: 995831

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 33.2 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 11.039 ng

RT: 7.304 min Scan# 887

Delta R.T. 0.147 min

Lab File: BF135608.D

Acq: 05 Oct 2023 19:43

Tgt Ion: 70 Resp: 79833

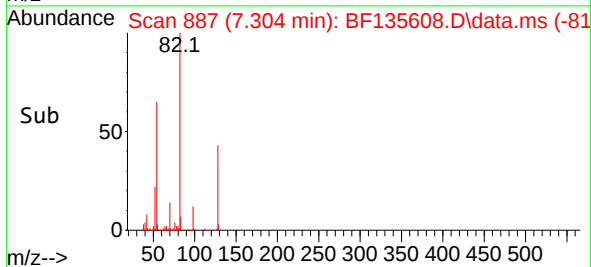
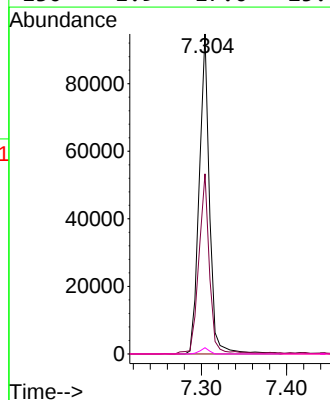
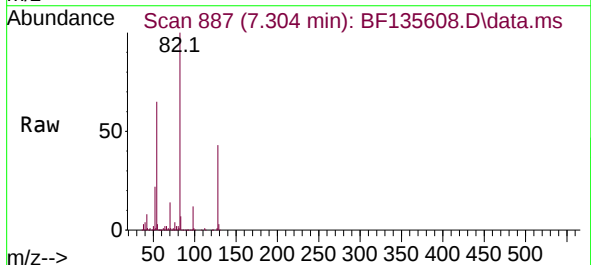
Ion Ratio Lower Upper

70 100

42 56.3 55.4 83.0

101 0.0 7.7 11.5#

130 1.9 17.0 25.6#

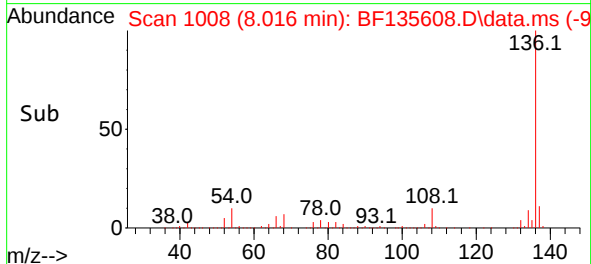
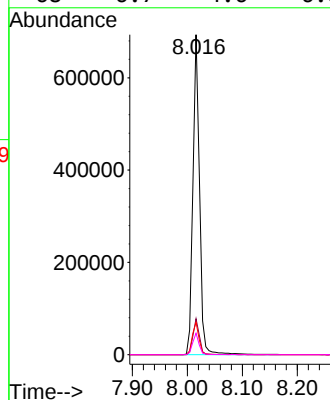
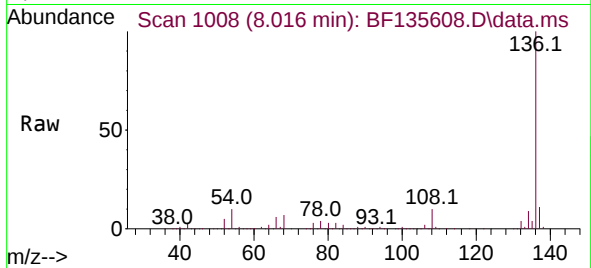




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

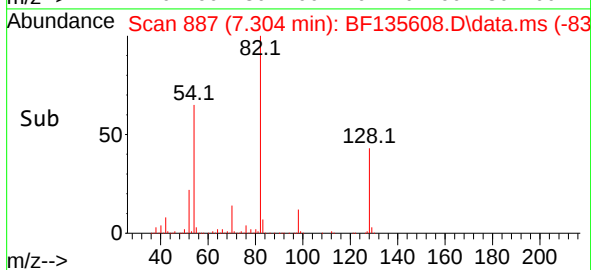
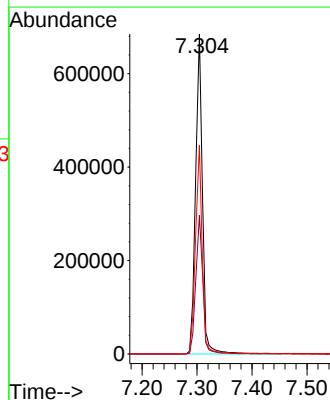
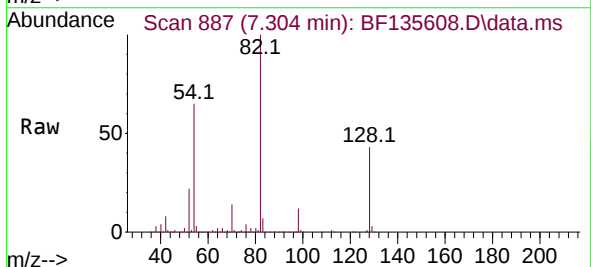
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion:136	Resp: 576553
Ion Ratio	Lower Upper
136	100
137	11.3 8.8 13.2
54	10.1 7.7 11.5
68	6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 55.845 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

Tgt Ion: 82	Resp: 592637
Ion Ratio	Lower Upper
82	100
128	43.3 35.8 53.6
54	65.1 50.6 76.0

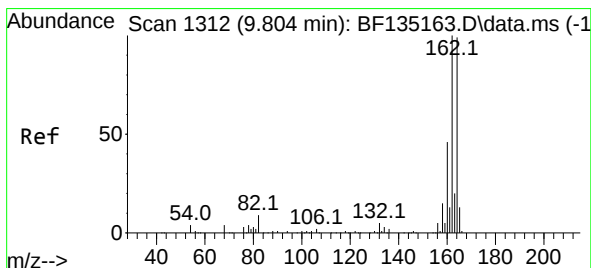
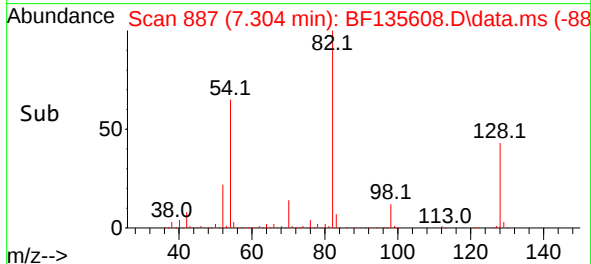
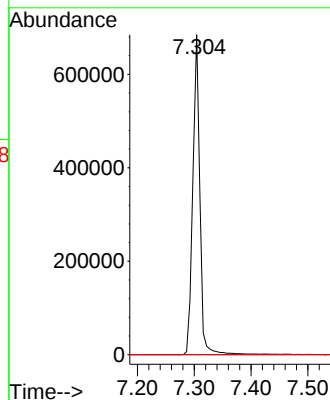
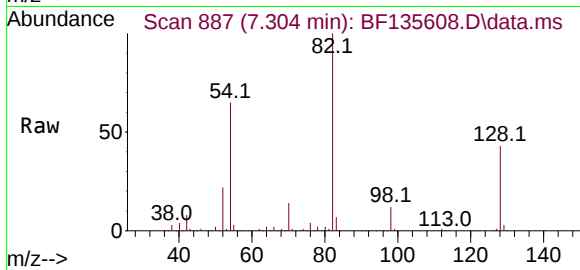




#25
Isophorone
Concen: 30.412 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

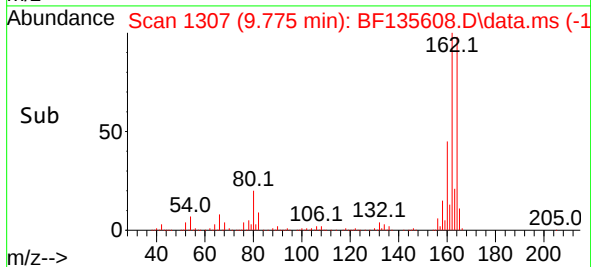
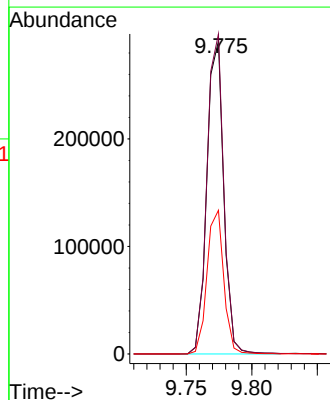
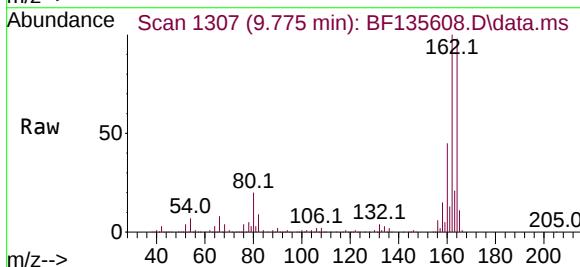
Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 82 Resp: 592633
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: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

Tgt Ion: 164 Resp: 260383
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 45.9 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 68.768 ng

RT: 10.569 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF135608.D

Acq: 05 Oct 2023 19:43

Instrument :

BNA_F

ClientSampleId :

WC-2

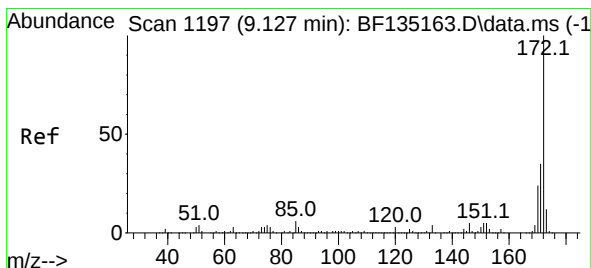
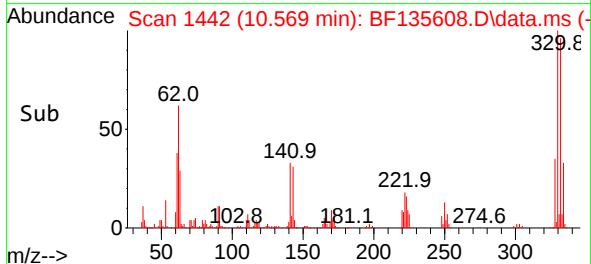
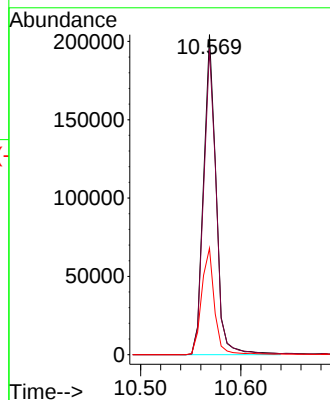
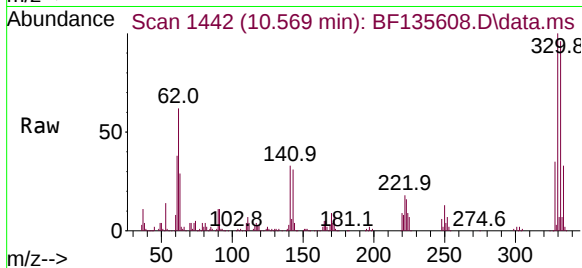
Tgt Ion:330 Resp: 177943

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 34.9 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 54.582 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF135608.D

Acq: 05 Oct 2023 19:43

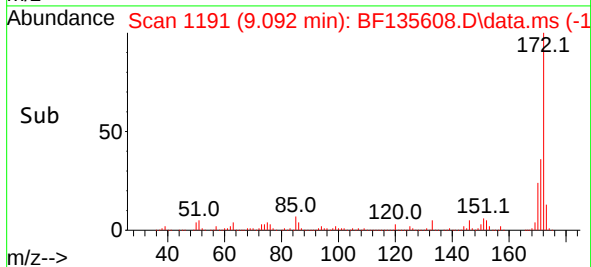
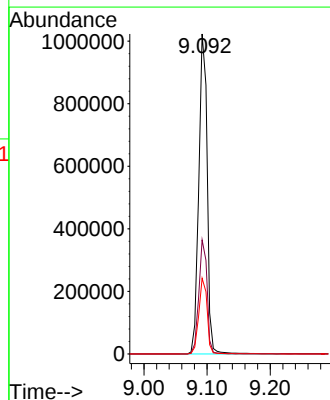
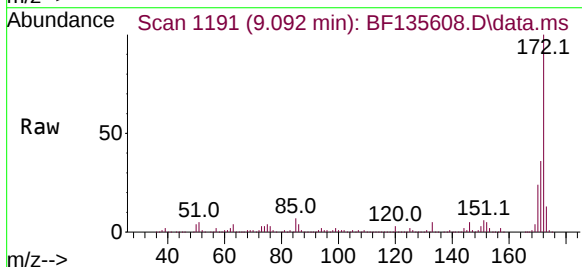
Tgt Ion:172 Resp: 942006

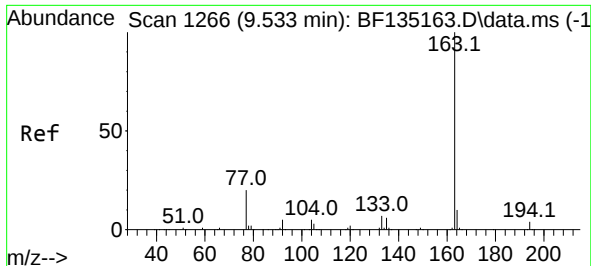
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.0 28.4

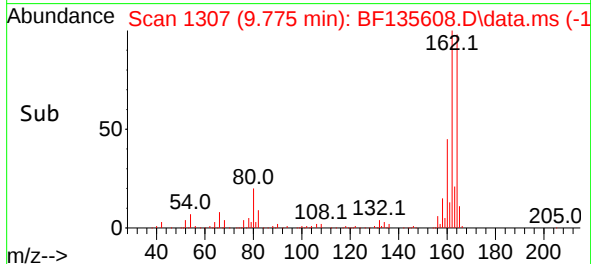
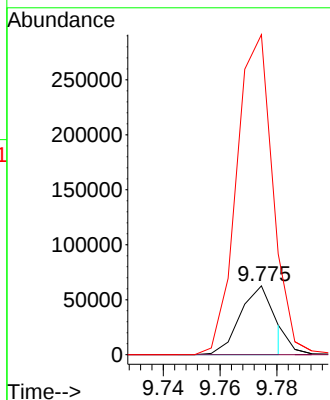
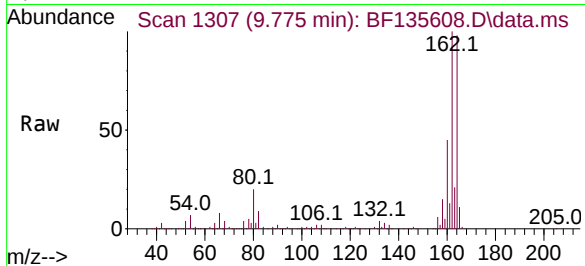




#50
 Dimethylphthalate
 Concen: 2.976 ng
 RT: 9.775 min Scan# 11
 Delta R.T. 0.271 min
 Lab File: BF135608.D
 Acq: 05 Oct 2023 19:43

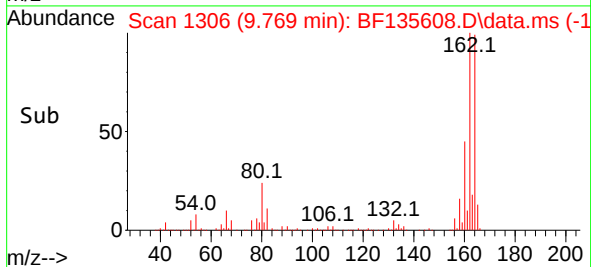
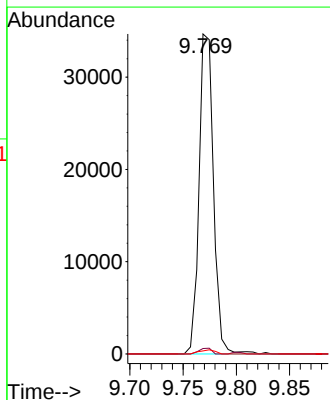
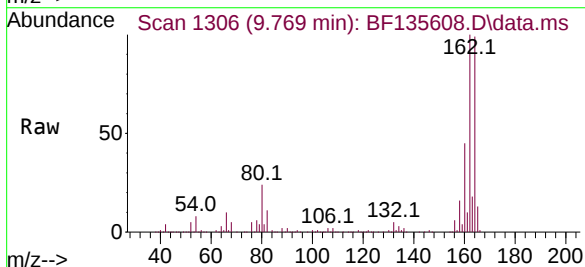
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:163 Resp: 52384
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 464.9 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 8.512 ng
 RT: 9.769 min Scan# 1306
 Delta R.T. 0.194 min
 Lab File: BF135608.D
 Acq: 05 Oct 2023 19:43

Tgt Ion:165 Resp: 32829
 Ion Ratio Lower Upper
 165 100
 63 1.7 59.4 89.2#
 89 1.0 49.8 74.8#

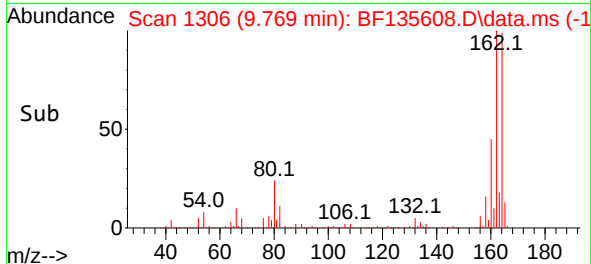
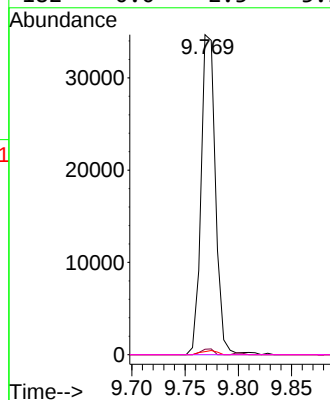
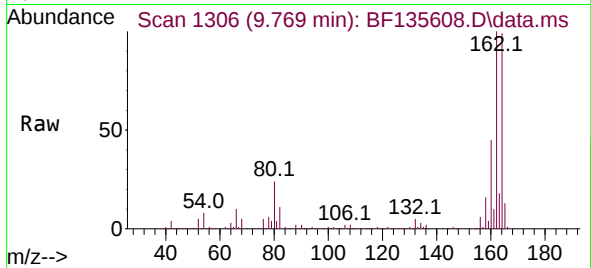




#57
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

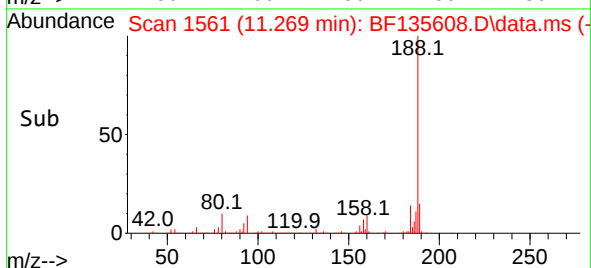
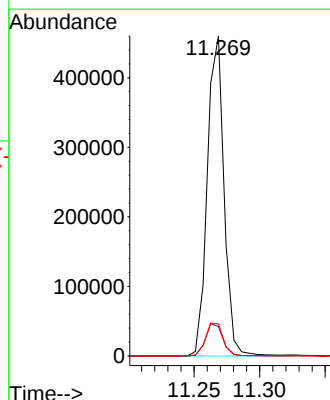
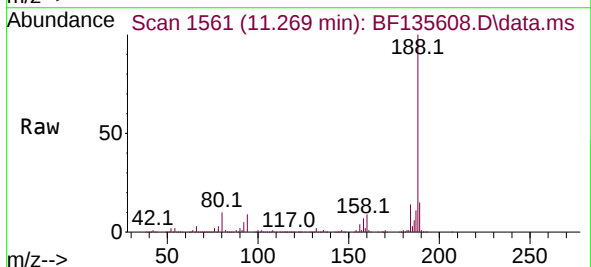
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BNA_F
ClientSampleId :
WC-2

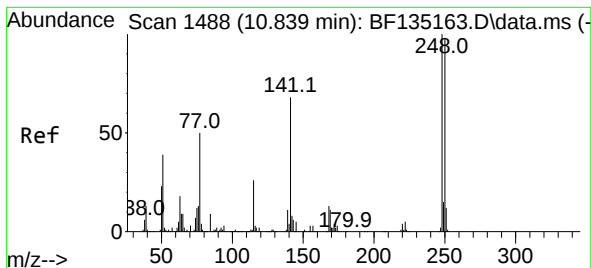
Tgt Ion:165 Resp: 32829
Ion Ratio Lower Upper
165 100
63 1.7 50.1 75.1#
89 1.0 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

Tgt Ion:188 Resp: 409210
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.0 7.5 11.3

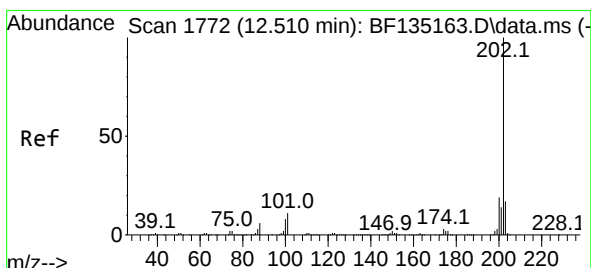
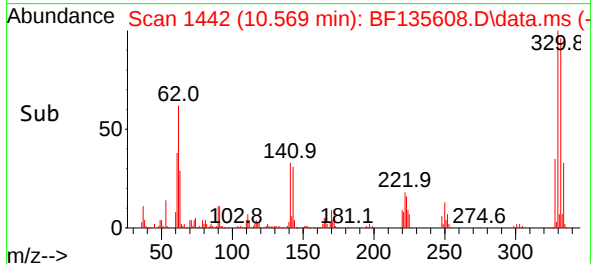
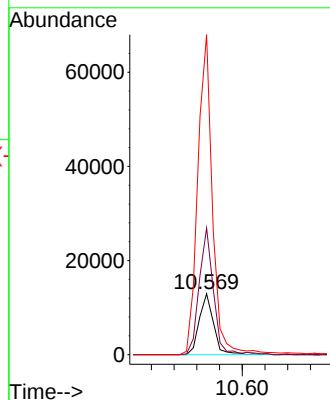
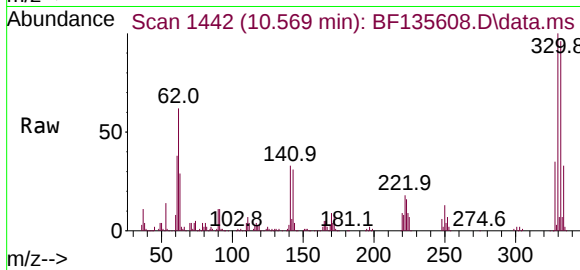




#67
4-Bromophenyl-phenylether
Concen: 2.793 ng
RT: 10.569 min Scan# 1488
Delta R.T. -0.241 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

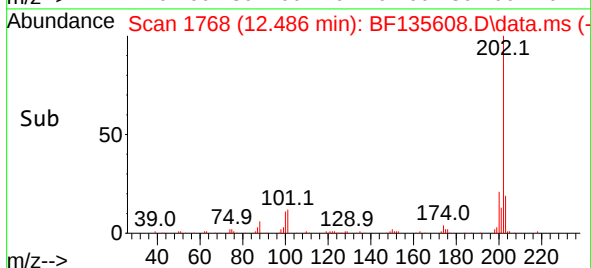
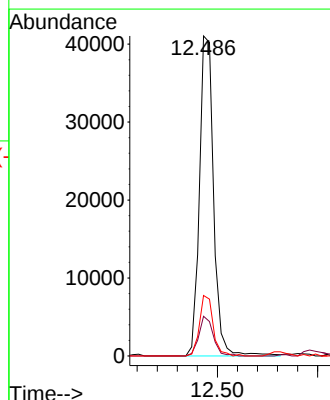
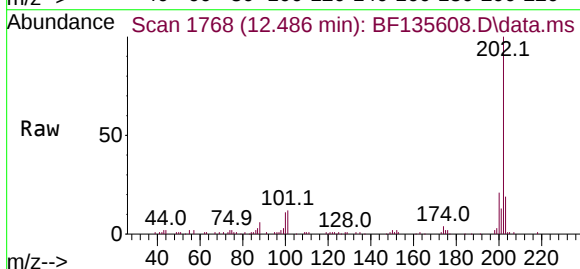
Instrument :
BNA_F
ClientSampleId :
WC-2

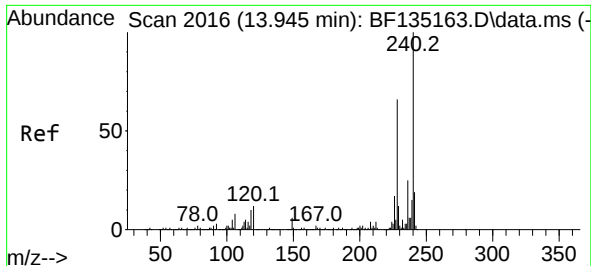
Tgt Ion:248 Resp: 11367
Ion Ratio Lower Upper
248 100
250 208.0 78.6 117.8#
141 525.3 54.2 81.2#



#75
Fluoranthene
Concen: 2.009 ng
RT: 12.486 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

Tgt Ion:202 Resp: 40512
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.3
203 18.9 0.0 37.4

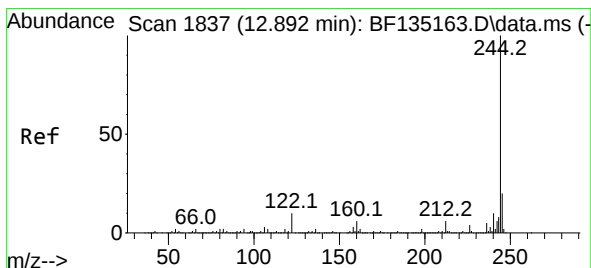
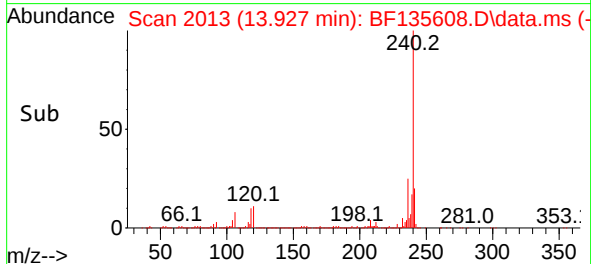
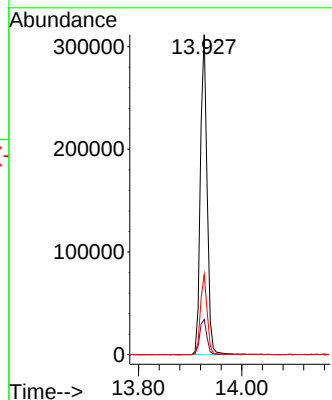
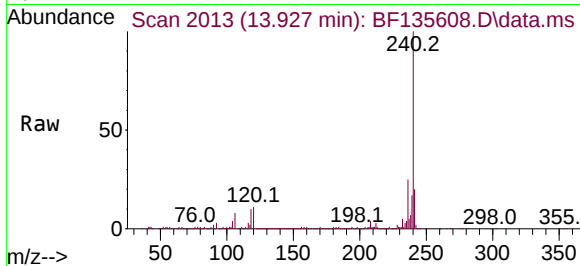




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

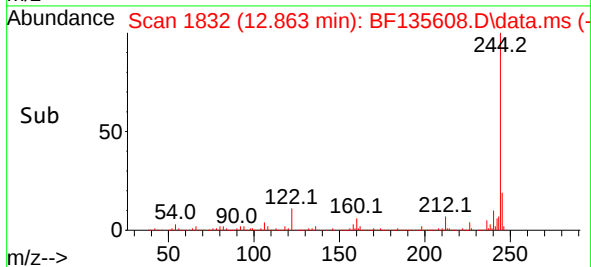
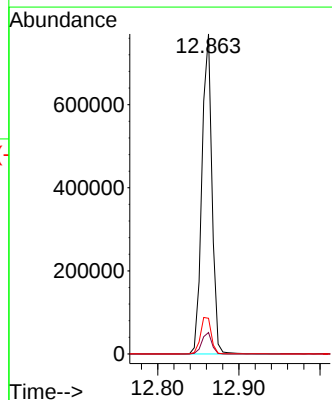
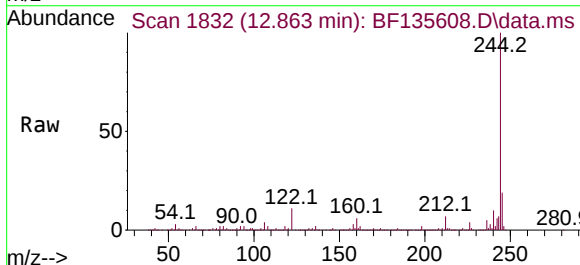
Instrument :
BNA_F
ClientSampleId :
WC-2

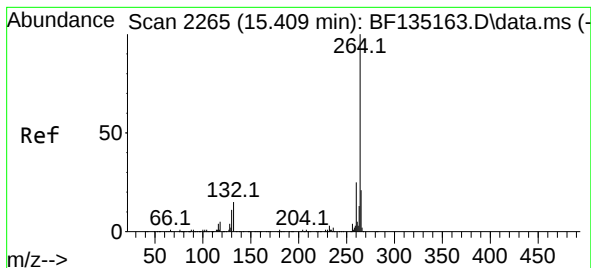
Tgt Ion:240 Resp: 281138
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.0 19.8 29.8



#79
Terphenyl-d14
Concen: 36.548 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF135608.D
Acq: 05 Oct 2023 19:43

Tgt Ion:244 Resp: 662830
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 11.2 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135608.D

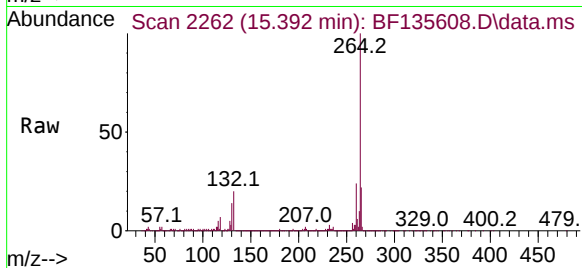
Acq: 05 Oct 2023 19:43

Instrument :

BNA_F

ClientSampleId :

WC-2



Tgt Ion:264 Resp: 300425

Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 21.7 17.0 25.4

