

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133901.D
 Acq On : 22 Jun 2023 15:00
 Operator : CG\JU
 Sample : 03321-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Quant Time: Jun 23 02:29:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

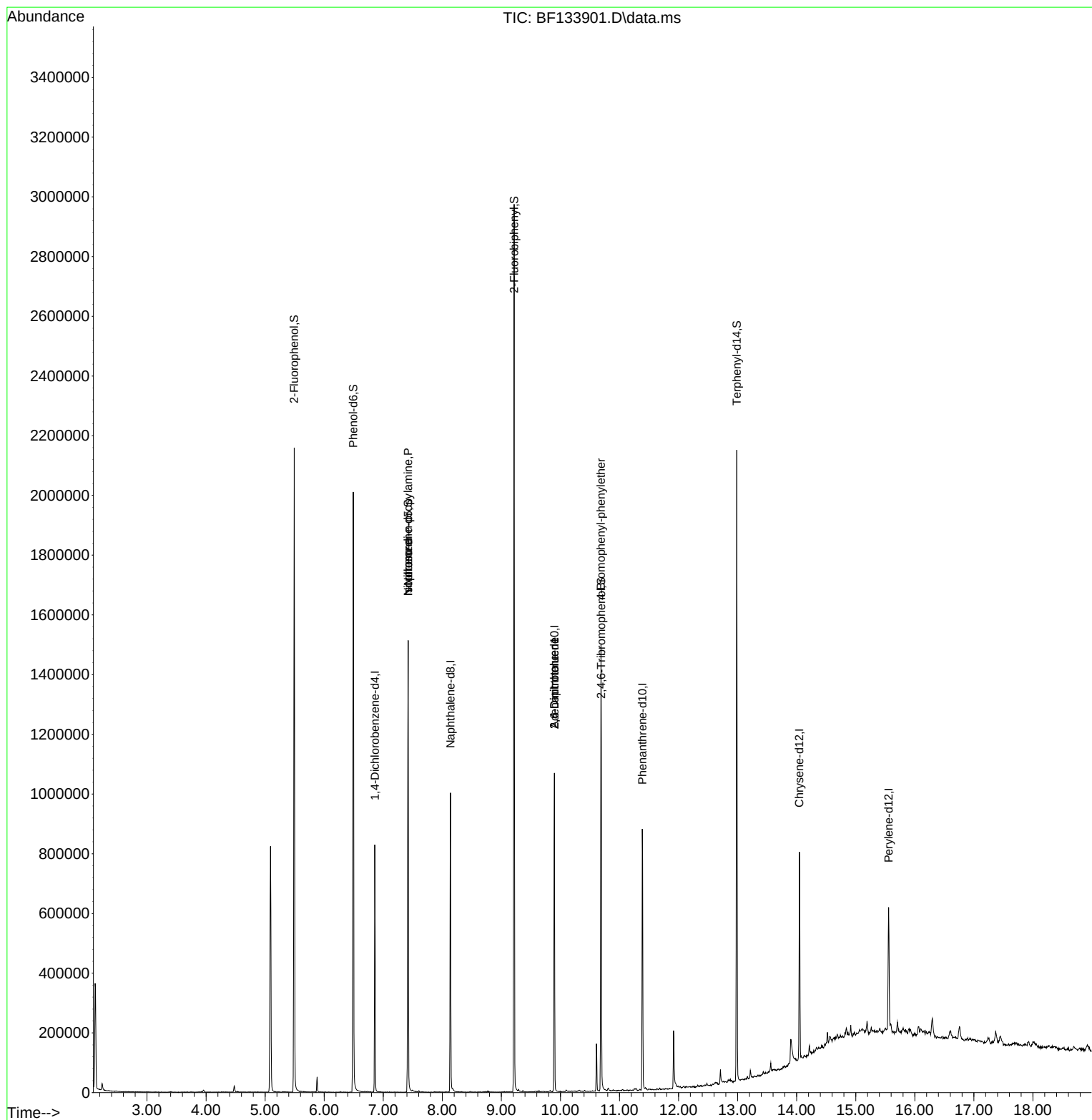
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109336	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	421138	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	198828	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	329519	20.000	ng	0.00
76) Chrysene-d12	14.045	240	242156	20.000	ng	-0.01
86) Perylene-d12	15.557	264	201443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	520420	82.864	ng	0.00
7) Phenol-d6	6.492	99	642172	78.553	ng	0.00
23) Nitrobenzene-d5	7.422	82	436572	56.463	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	175890	69.886	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	807904	57.761	ng	0.00
79) Terphenyl-d14	12.986	244	680758	43.500	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	61482	11.820	ng	# 75
25) Isophorone	7.422	82	436568	30.755	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	24605	8.032	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	24605	6.316	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	10471	2.847	ng	# 1

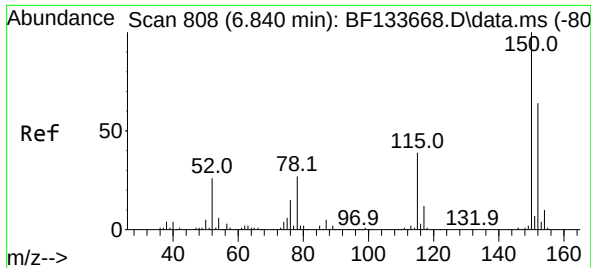
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Jun 23 02:29:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 02:21:26 2023
Response via : Initial Calibration

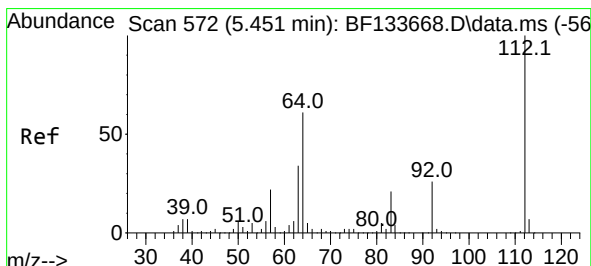
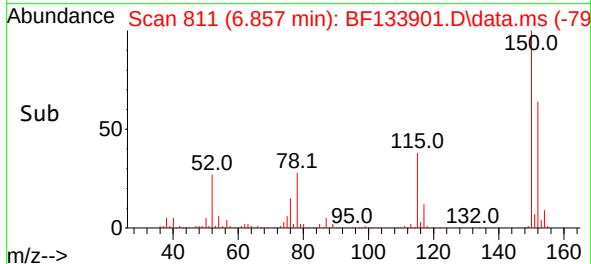
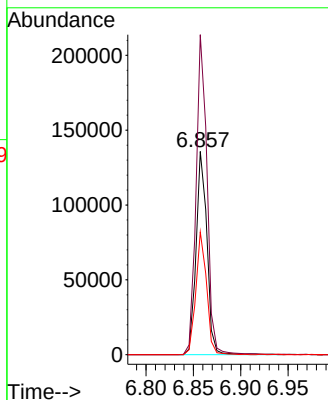
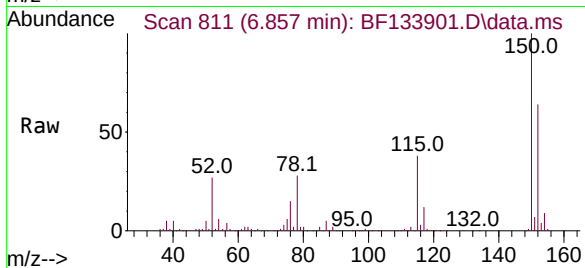




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

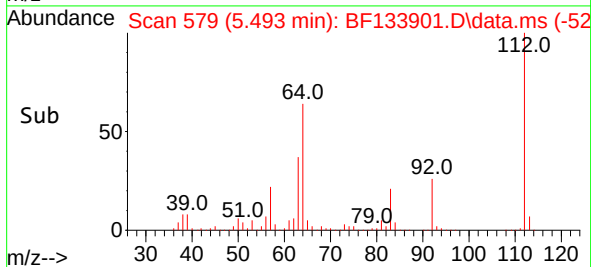
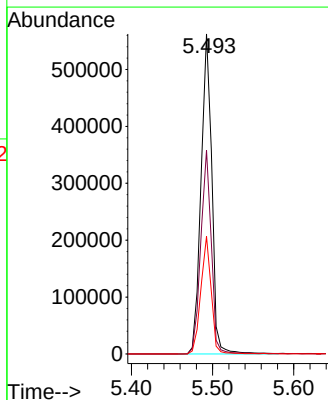
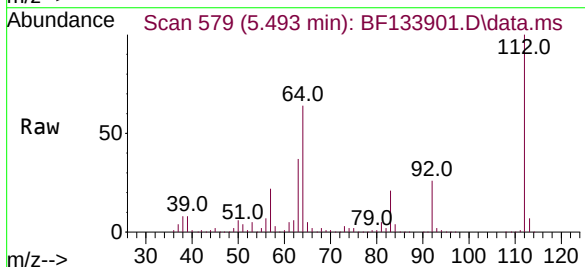
Instrument :
BNA_F
ClientSampleId :
WC-20

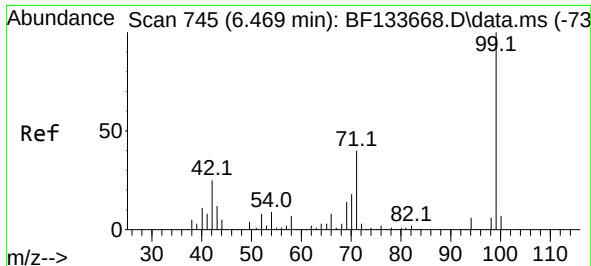
Tgt Ion:152 Resp: 109336
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 60.4 48.5 72.7



#5
2-Fluorophenol
Concen: 82.864 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion:112 Resp: 520420
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.4
63 36.7 26.8 40.2

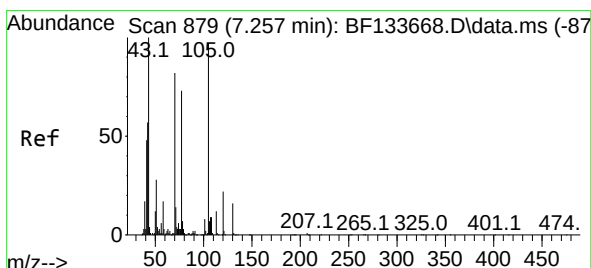
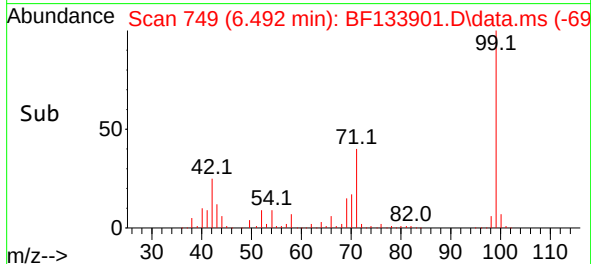
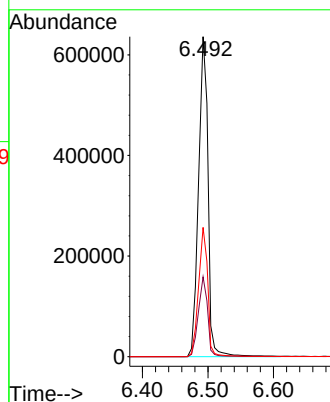
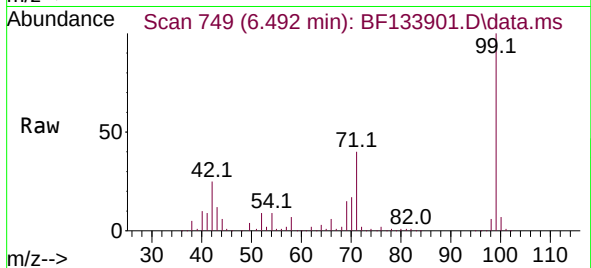




#7
Phenol-d6
Concen: 78.553 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

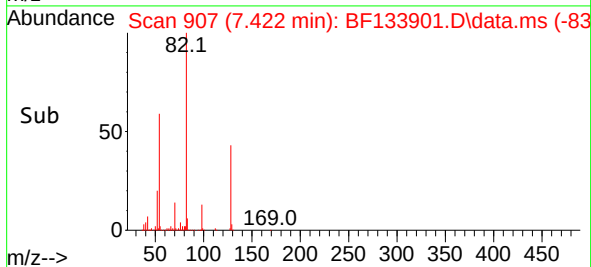
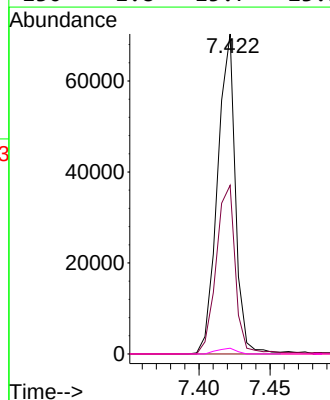
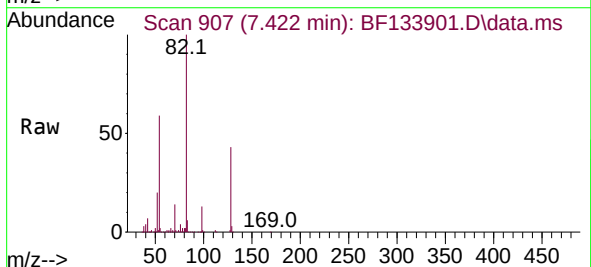
Instrument :
BNA_F
ClientSampleId :
WC-20

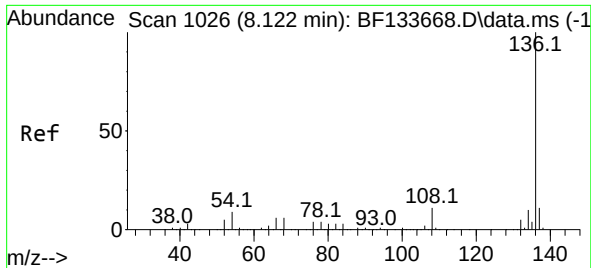
Tgt Ion: 99 Resp: 642172
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 40.4 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.820 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion: 70 Resp: 61482
Ion Ratio Lower Upper
70 100
42 52.7 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

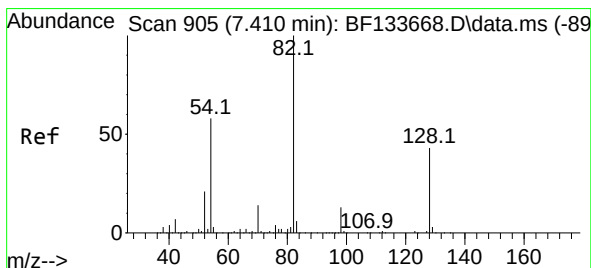
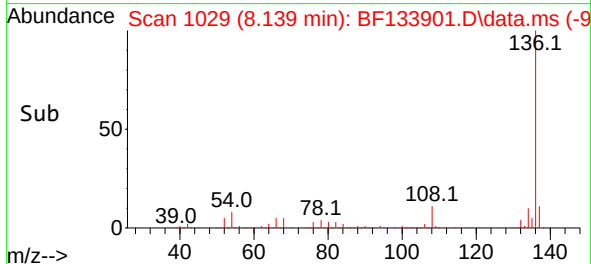
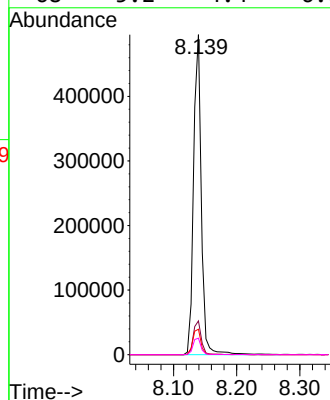
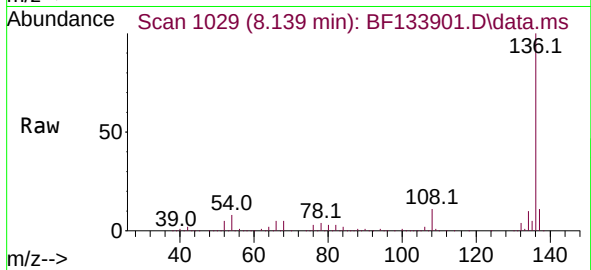




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

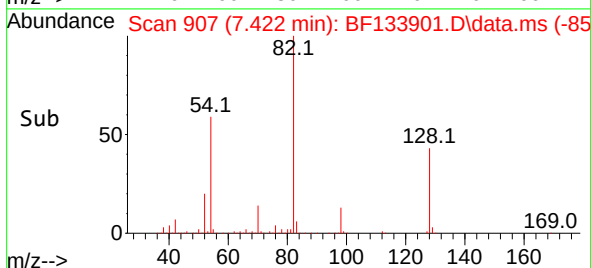
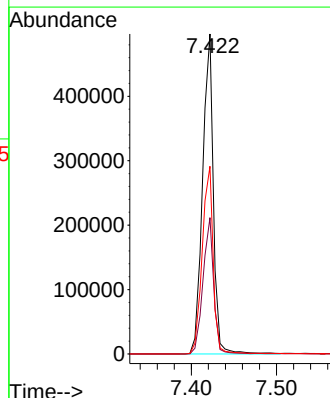
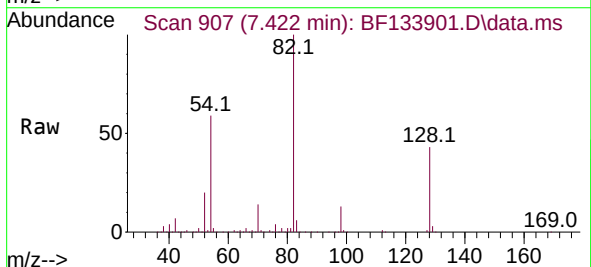
Instrument :
BNA_F
ClientSampleId :
WC-20

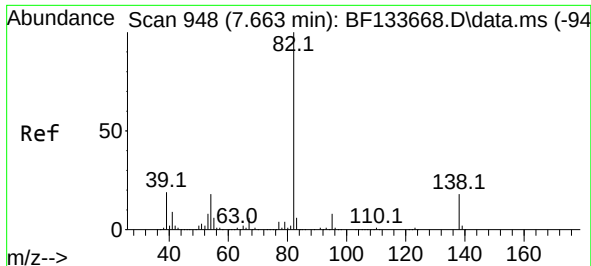
Tgt Ion:136 Resp: 421138
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 7.4 11.0
68 5.2 4.4 6.6



#23
Nitrobenzene-d5
Concen: 56.463 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion: 82 Resp: 436572
Ion Ratio Lower Upper
82 100
128 42.6 34.2 51.2
54 58.6 46.5 69.7

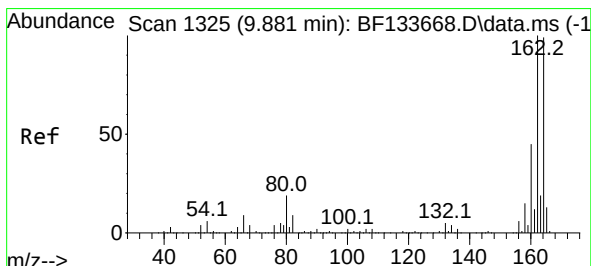
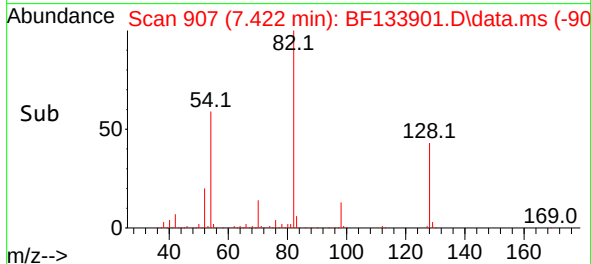
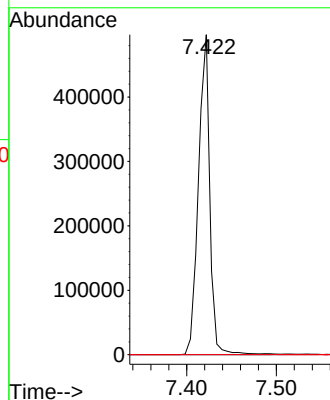
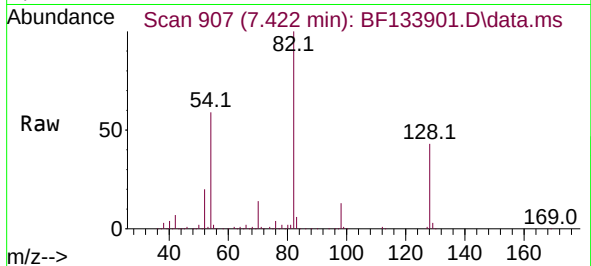




#25
Isophorone
Concen: 30.755 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

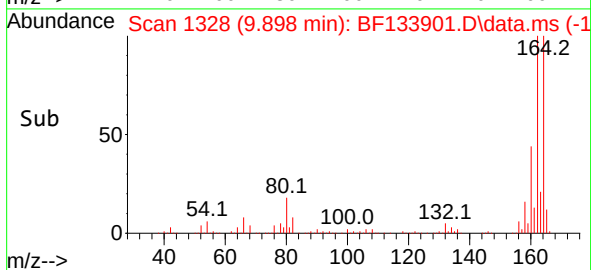
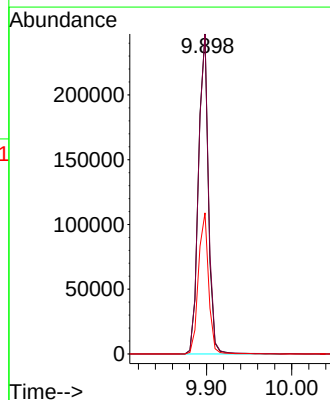
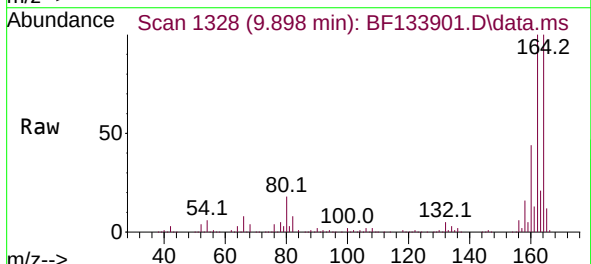
Instrument :
BNA_F
ClientSampleId :
WC-20

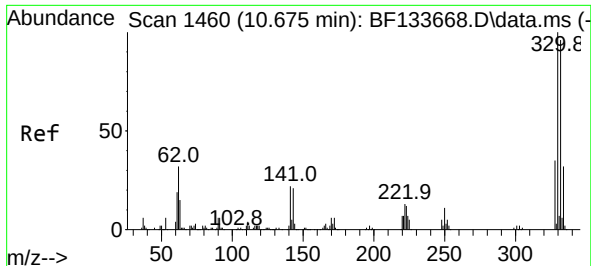
Tgt Ion: 82 Resp: 436568
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion: 164 Resp: 198828
Ion Ratio Lower Upper
164 100
162 99.9 80.8 121.2
160 44.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 69.886 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133901.D

Acq: 22 Jun 2023 15:00

Instrument :

BNA_F

ClientSampleId :

WC-20

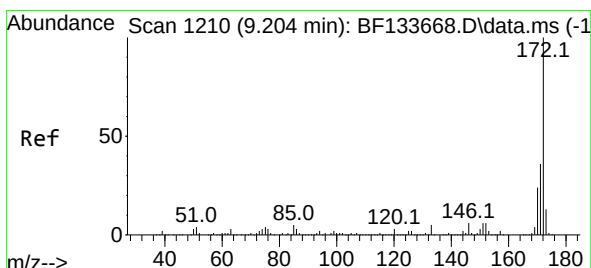
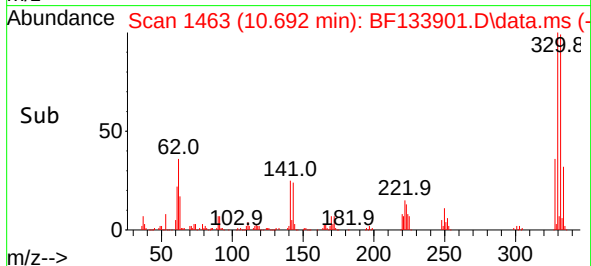
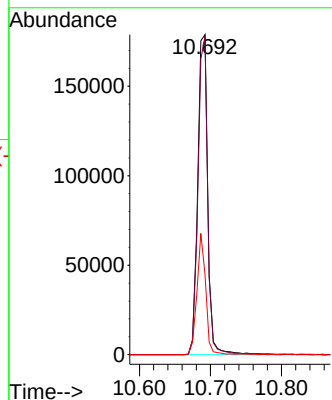
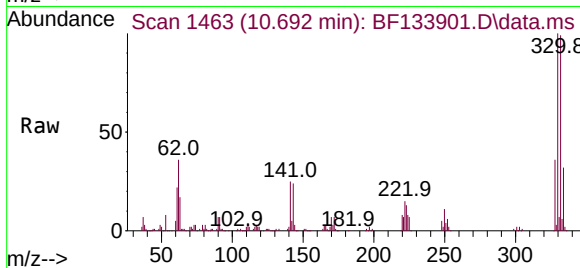
Tgt Ion:330 Resp: 175890

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 33.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 57.761 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133901.D

Acq: 22 Jun 2023 15:00

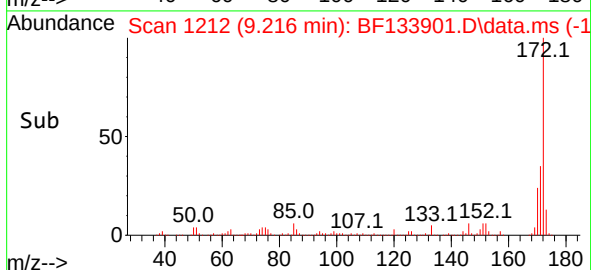
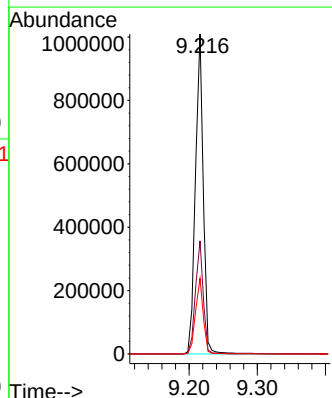
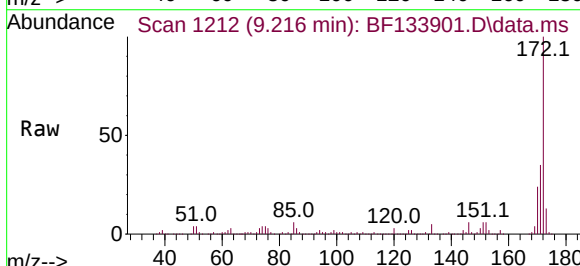
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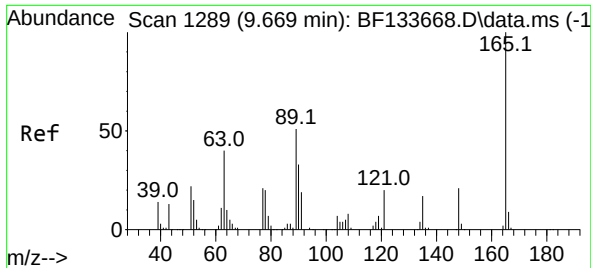
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 19.1 28.7

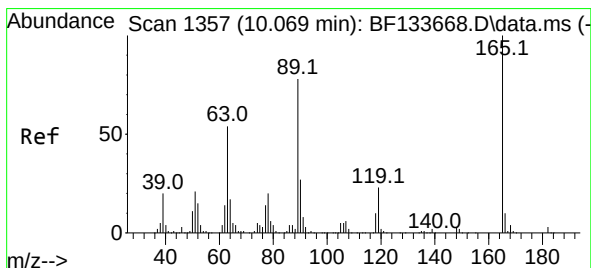
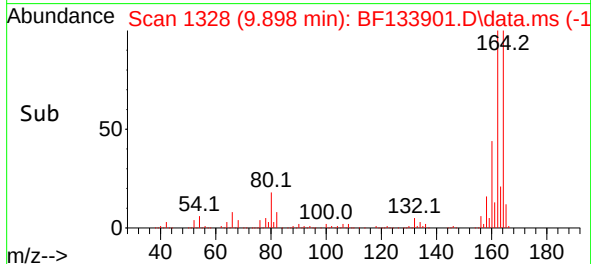
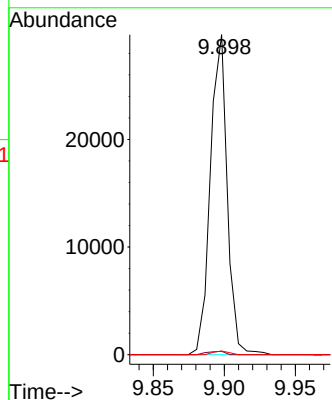
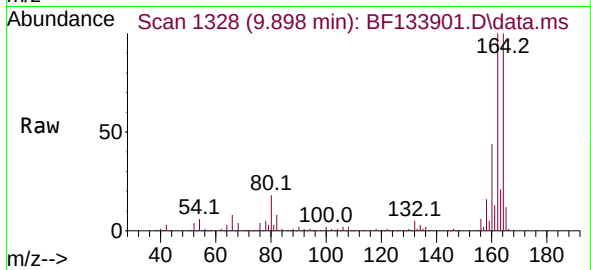




#51
2,6-Dinitrotoluene
Concen: 8.032 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

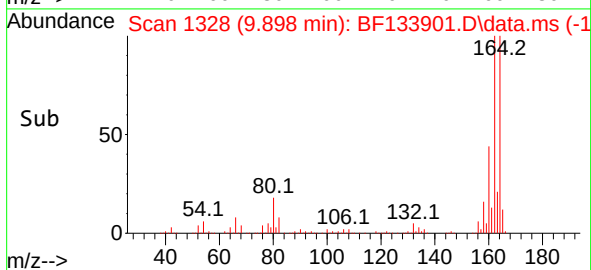
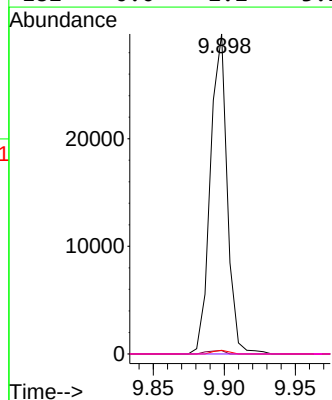
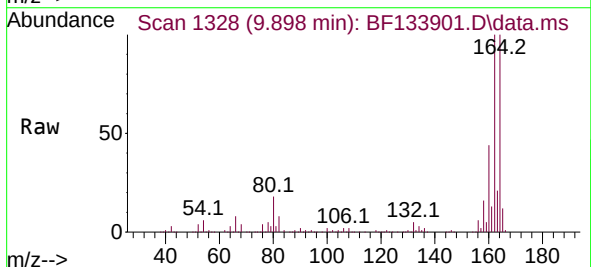
Instrument :
BNA_F
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WC-20

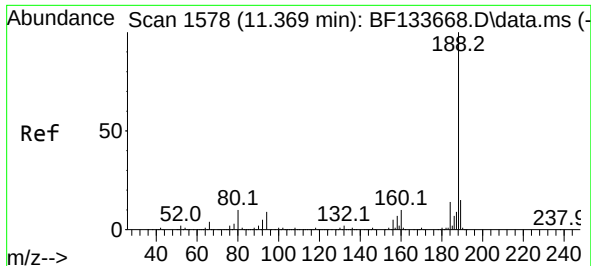
Tgt Ion:165 Resp: 24605
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 1.2 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.316 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion:165 Resp: 24605
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.2 62.6 93.8#
182 0.0 2.2 3.2#

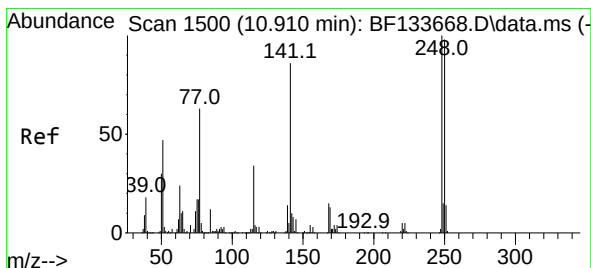
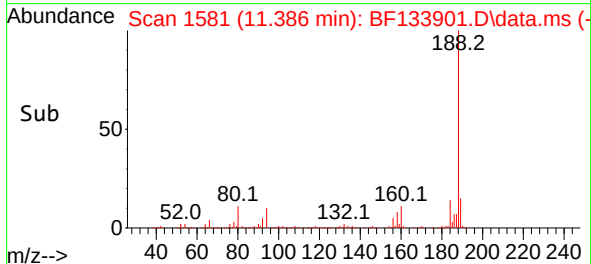
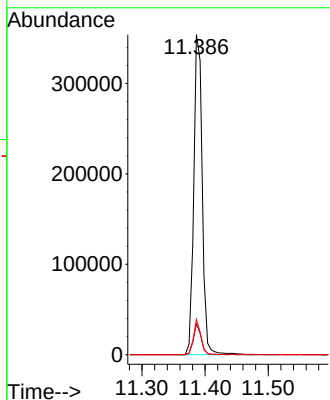
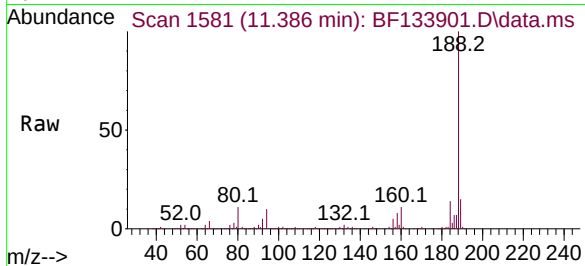




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

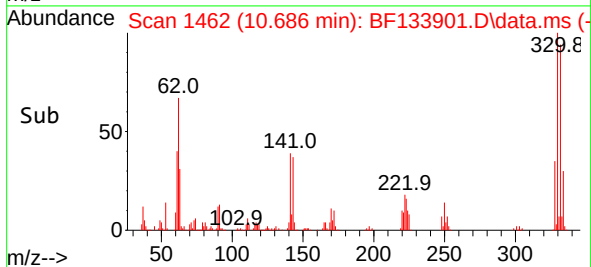
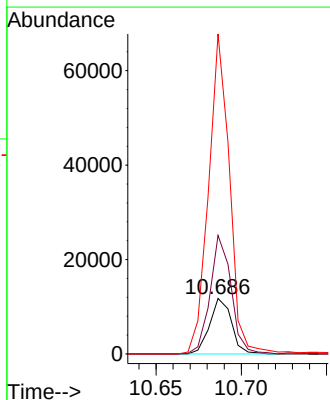
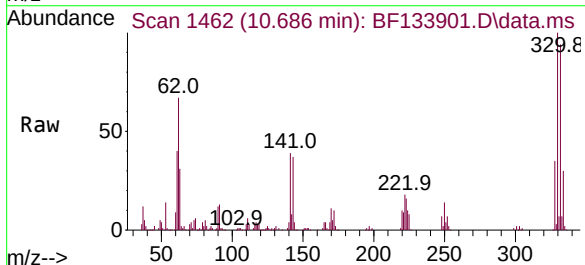
Instrument :
BNA_F
ClientSampleId :
WC-20

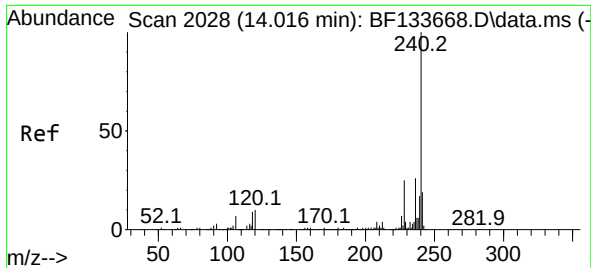
Tgt Ion:188 Resp: 329519
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 11.0 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 2.847 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion:248 Resp: 10471
Ion Ratio Lower Upper
248 100
250 213.7 78.3 117.5#
141 576.6 69.0 103.6#

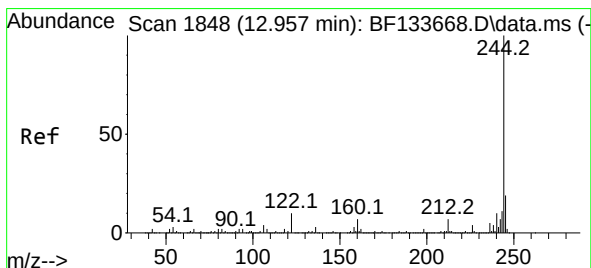
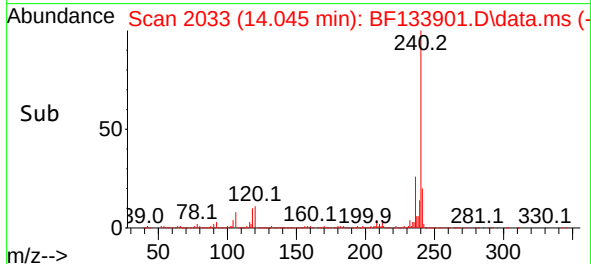
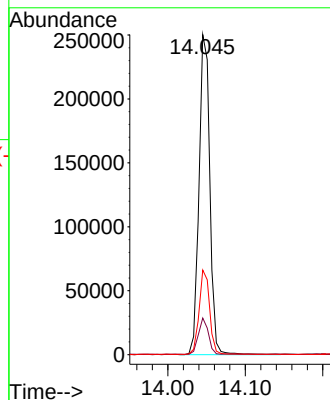
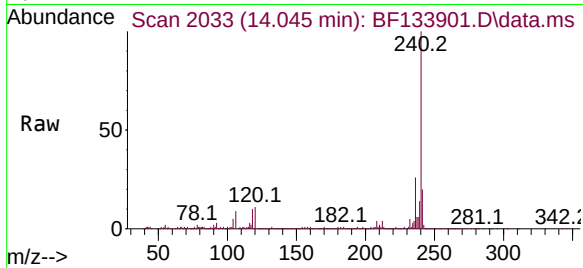




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

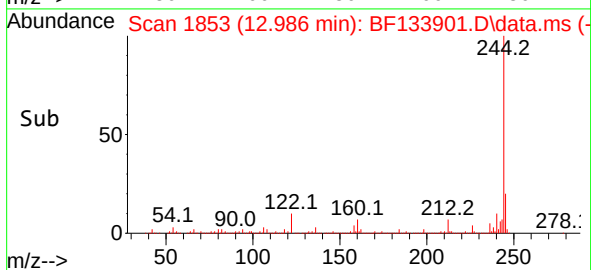
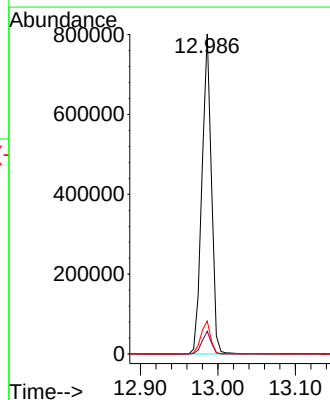
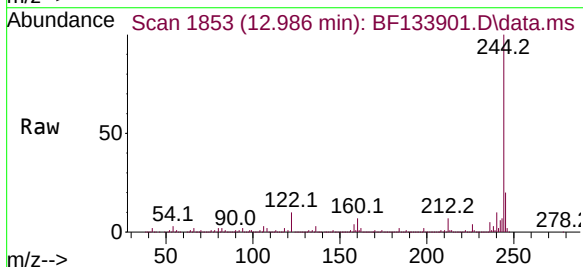
Instrument :
BNA_F
ClientSampleId :
WC-20

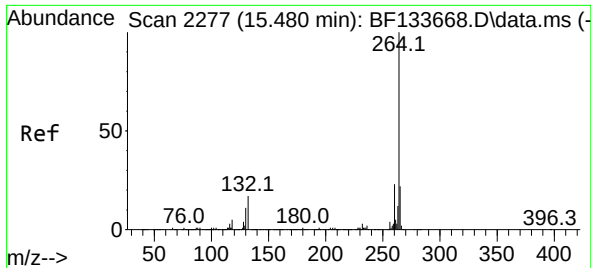
Tgt Ion:240 Resp: 242156
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.4 20.5 30.7



#79
Terphenyl-d14
Concen: 43.500 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion:244 Resp: 680758
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.3 8.1 12.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion:264 Resp: 201443

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	22.4	17.8	26.6

