

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135479.D
 Acq On : 27 Sep 2023 18:34
 Operator : CG\JU
 Sample : 04601-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Sep 28 01:51:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

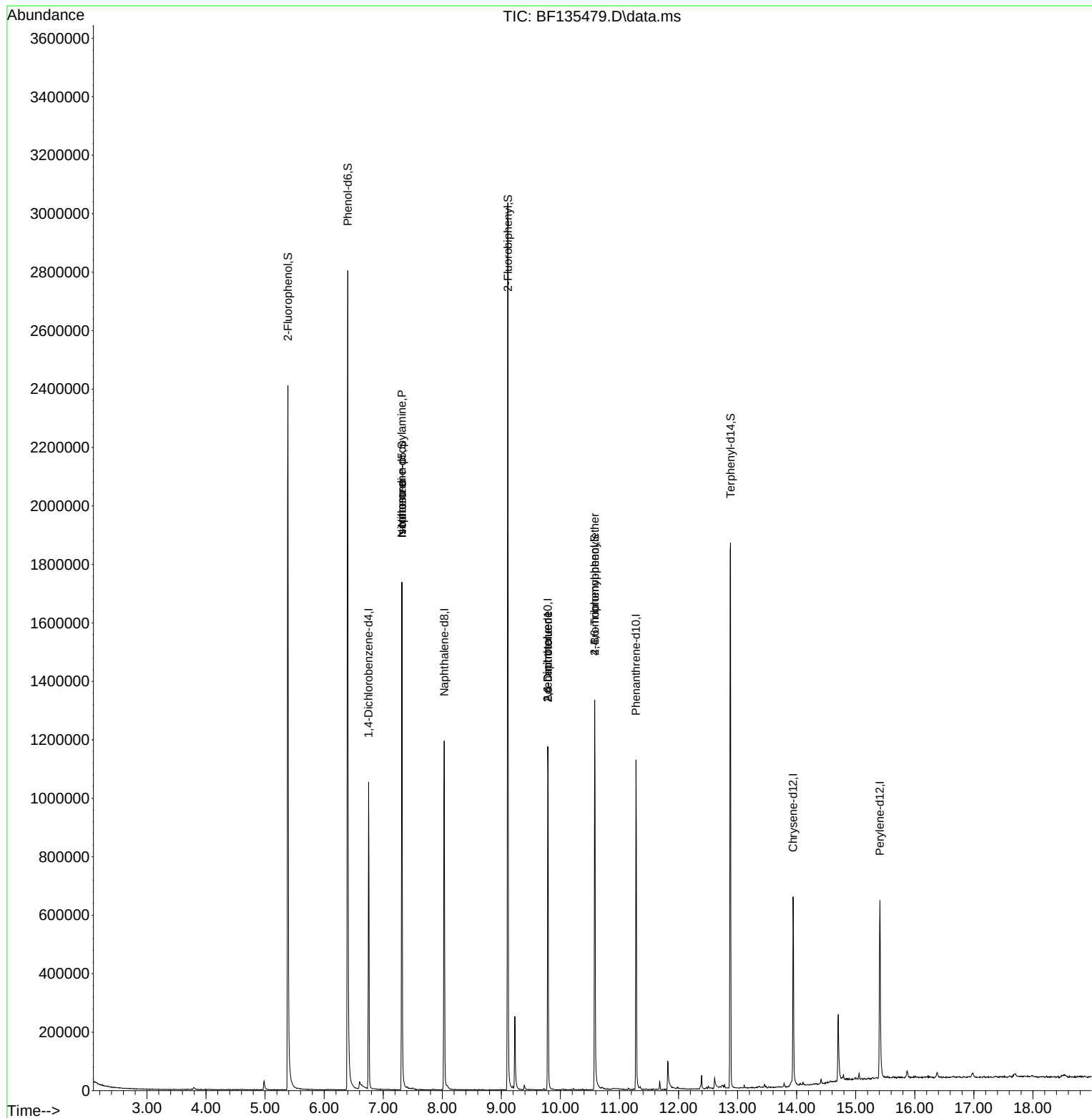
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	147570	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	548662	20.000	ng	0.00
39) Acenaphthene-d10	9.787	164	251899	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	415595	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	220908	20.000	ng	0.00
86) Perylene-d12	15.410	264	291828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	713670	78.657	ng	0.00
7) Phenol-d6	6.399	99	932736	80.847	ng	0.00
23) Nitrobenzene-d5	7.316	82	524646	51.951	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	153364	61.266	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	910850	54.554	ng	0.00
79) Terphenyl-d14	12.880	244	703198	49.346	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	67512	9.447	ng	# 79
25) Isophorone	7.316	82	524643	28.292	ng	# 65
51) 2,6-Dinitrotoluene	9.787	165	32595	8.736	ng	# 17
57) 2,4-Dinitrotoluene	9.787	165	32595	6.979	ng	# 19
67) 4-Bromophenyl-phenylether	10.581	248	10612	2.567	ng	# 1

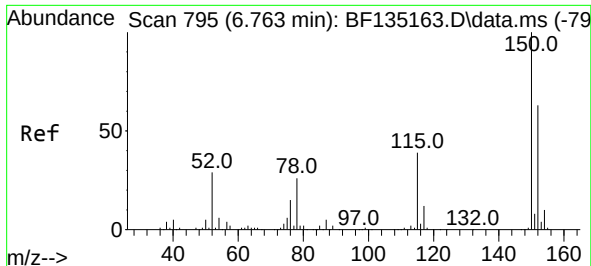
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135479.D
 Acq: 27 Sep 2023 18:34

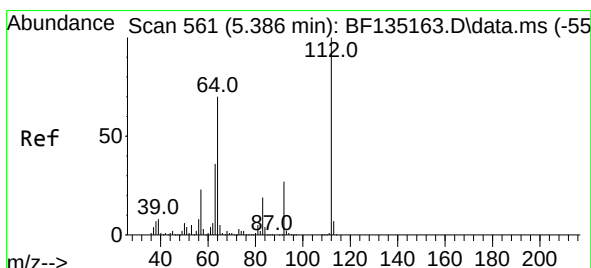
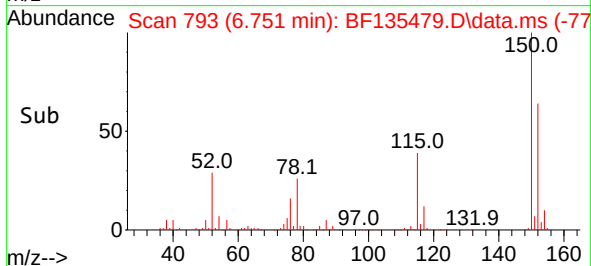
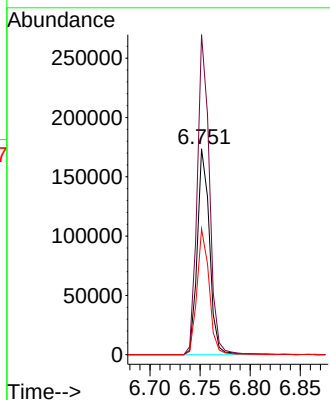
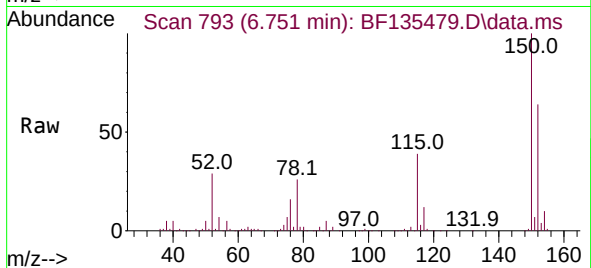
Instrument :

BNA_F

ClientSampleId :

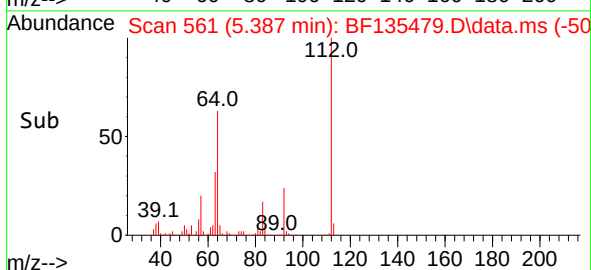
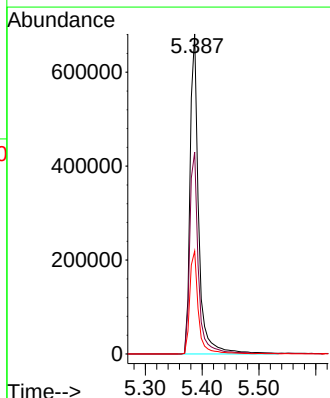
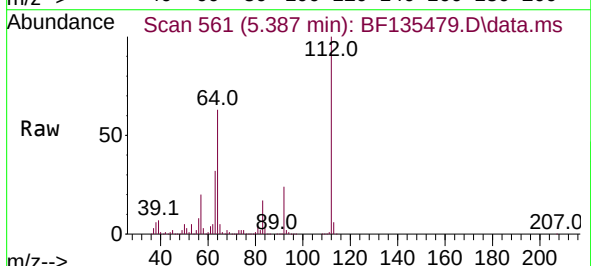
TP-2

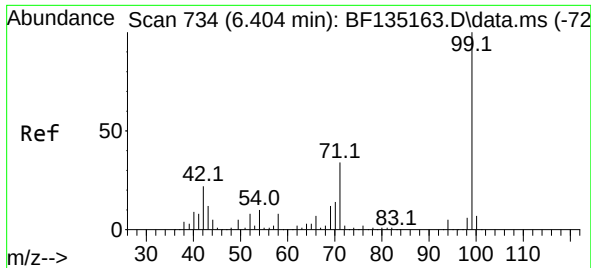
Tgt Ion:152 Resp: 147570
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.8 191.6
 115 61.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 78.657 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135479.D
 Acq: 27 Sep 2023 18:34

Tgt Ion:112 Resp: 713670
 Ion Ratio Lower Upper
 112 100
 64 63.1 55.9 83.9
 63 32.1 29.0 43.6

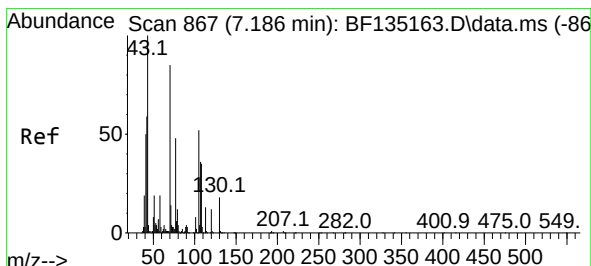
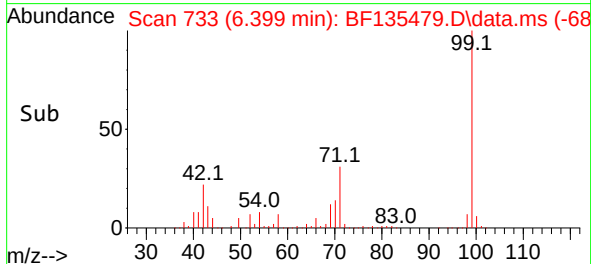
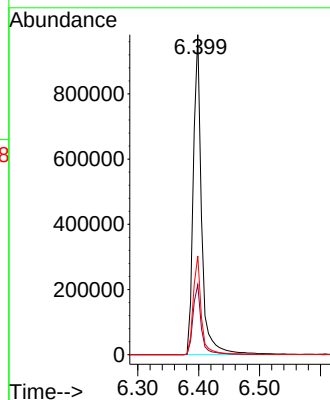
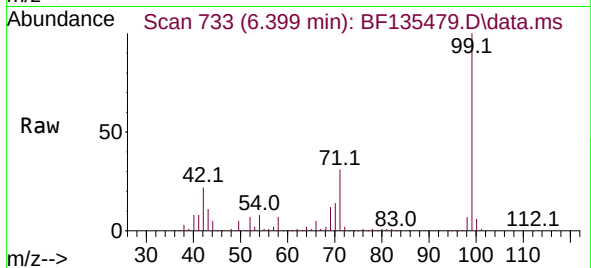




#7
Phenol-d6
Concen: 80.847 ng
RT: 6.399 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

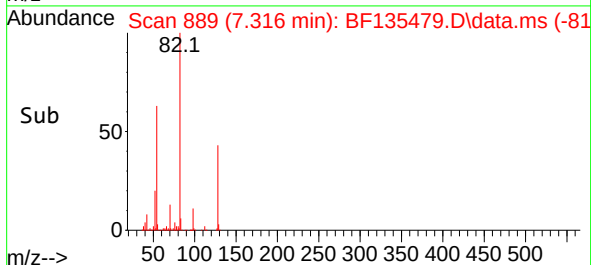
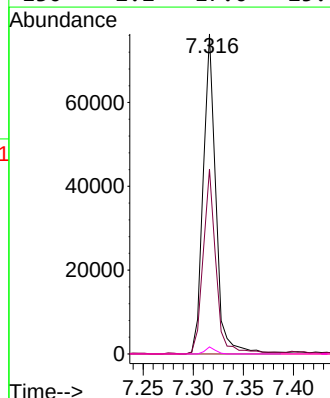
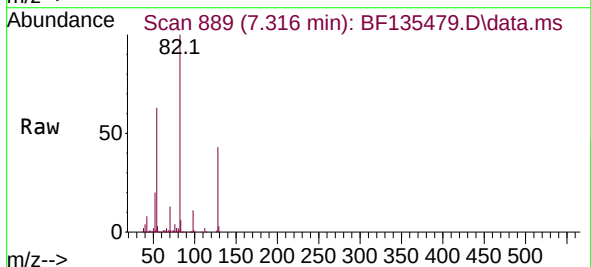
Instrument :
BNA_F
ClientSampleId :
TP-2

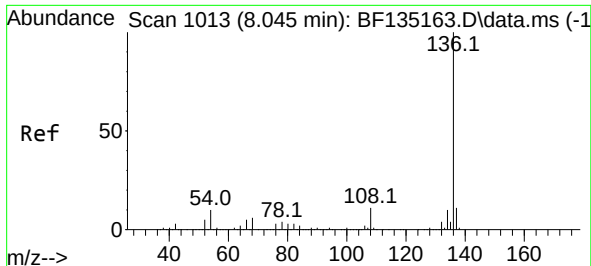
Tgt Ion: 99 Resp: 932736
Ion Ratio Lower Upper
99 100
42 21.9 17.9 26.9
71 30.9 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.447 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Tgt Ion: 70 Resp: 67512
Ion Ratio Lower Upper
70 100
42 57.7 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

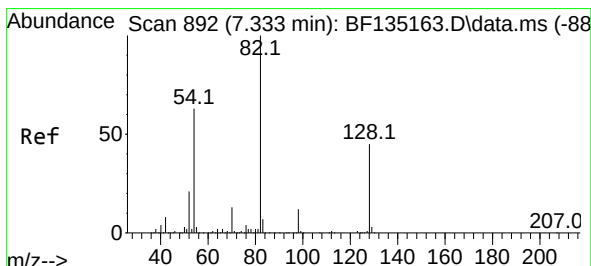
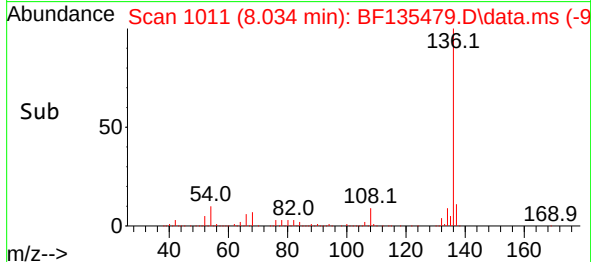
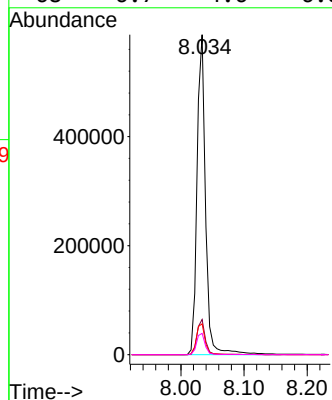
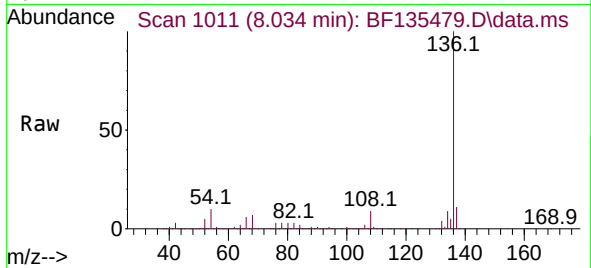




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

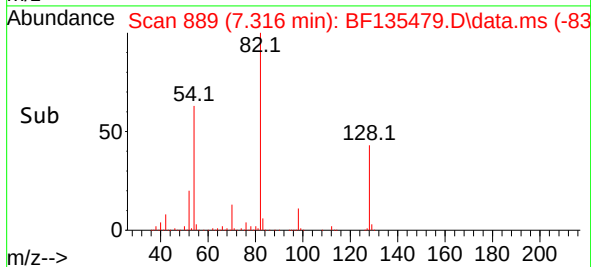
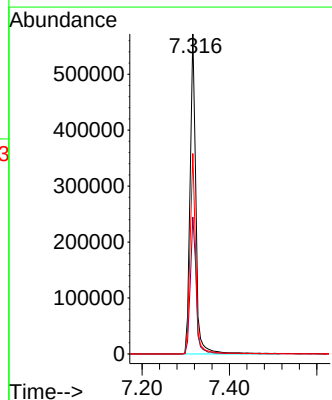
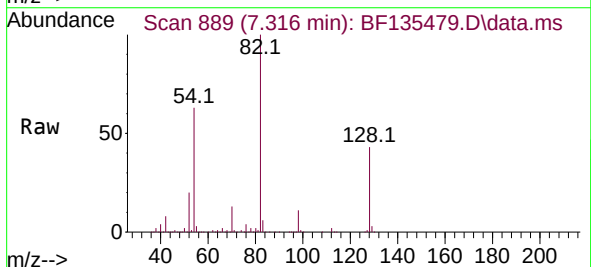
Instrument :
BNA_F
ClientSampleId :
TP-2

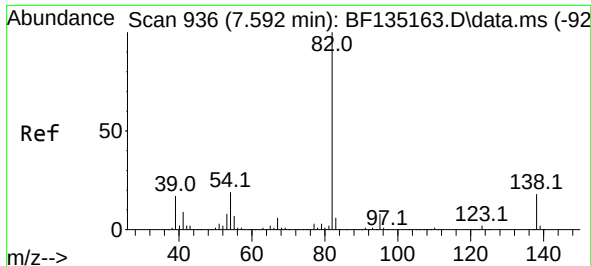
Tgt Ion:136 Resp: 548662
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 7.7 11.5
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 51.951 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Tgt Ion: 82 Resp: 524646
Ion Ratio Lower Upper
82 100
128 42.8 35.8 53.6
54 62.6 50.6 76.0

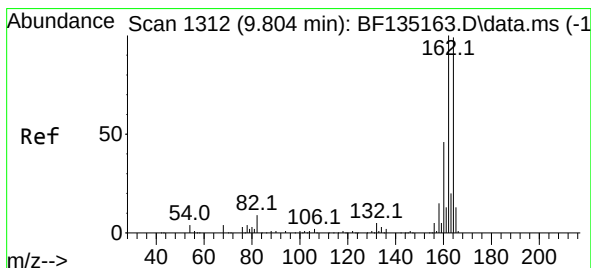
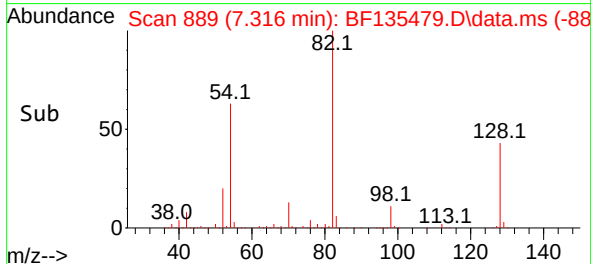
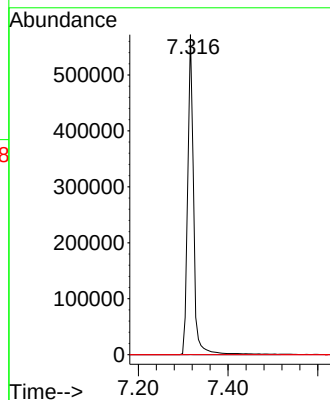
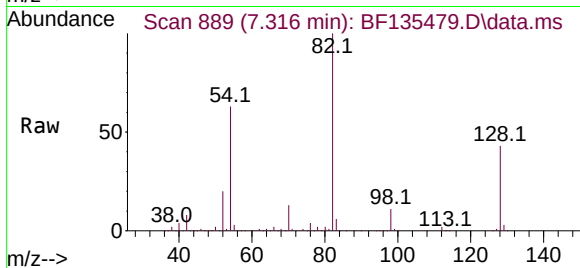




#25
Isophorone
Concen: 28.292 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.265 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

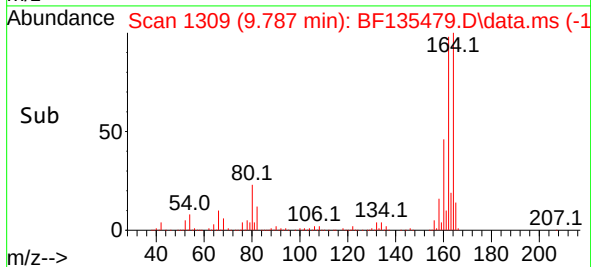
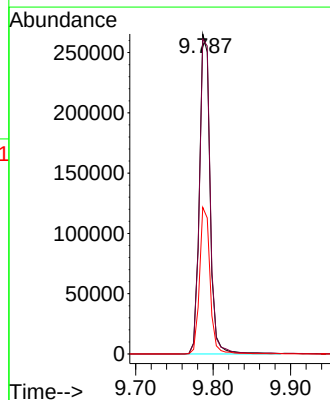
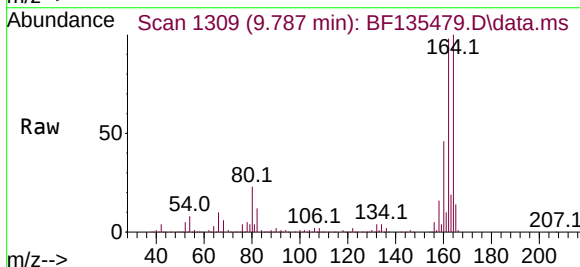
Instrument :
BNA_F
ClientSampleId :
TP-2

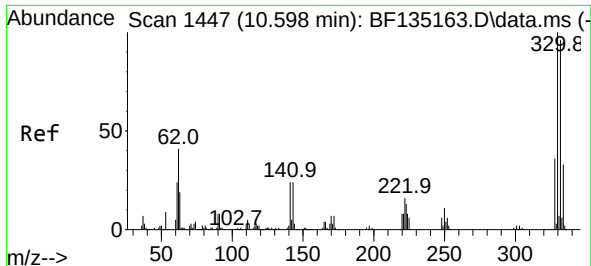
Tgt Ion: 82 Resp: 524643
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.787 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

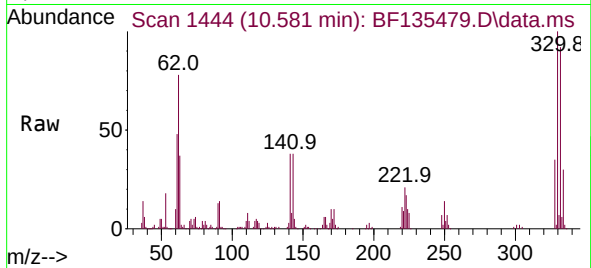
Tgt Ion:164 Resp: 251899
Ion Ratio Lower Upper
164 100
162 98.3 81.0 121.4
160 45.8 37.0 55.4





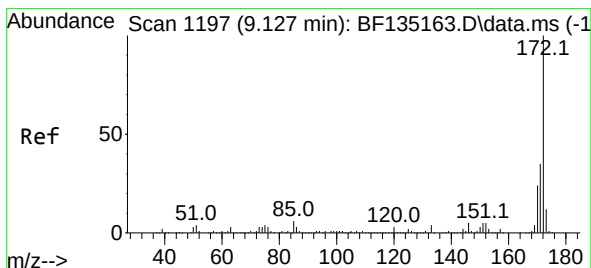
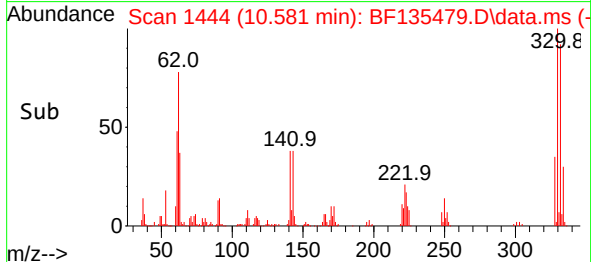
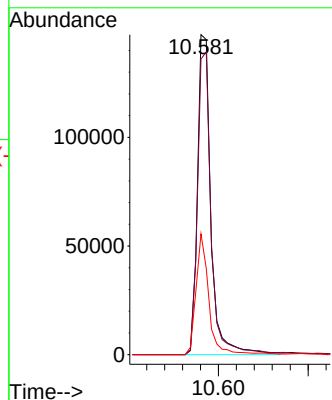
#42
2,4,6-Tribromophenol
Concen: 61.266 ng
RT: 10.581 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion: 330 Resp: 153364

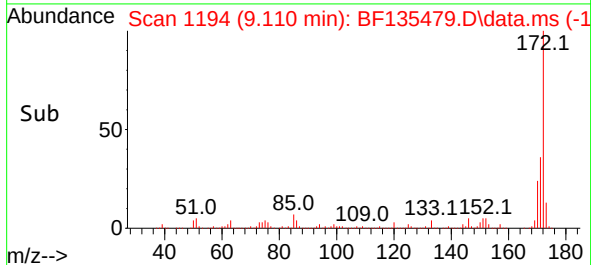
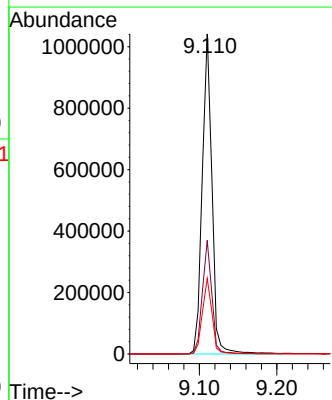
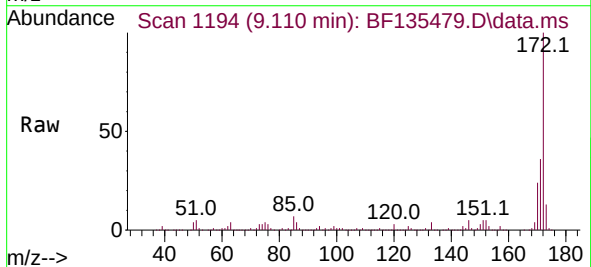
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.3	115.9
141	36.0	25.8	38.8

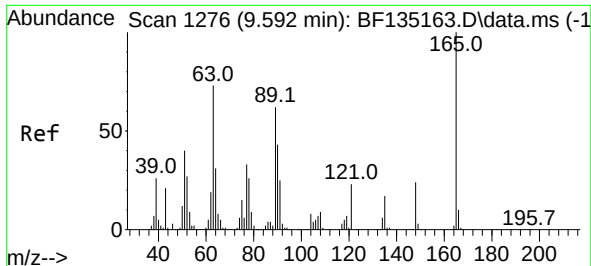


#45
2-Fluorobiphenyl
Concen: 54.554 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.006 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Tgt Ion: 172 Resp: 910850

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.6	19.0	28.4

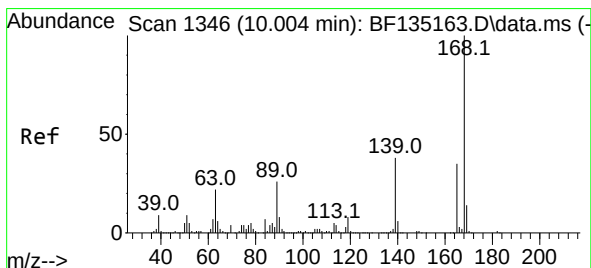
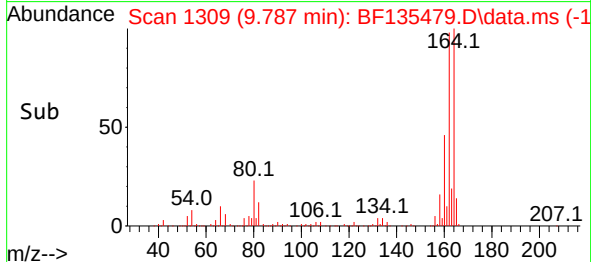
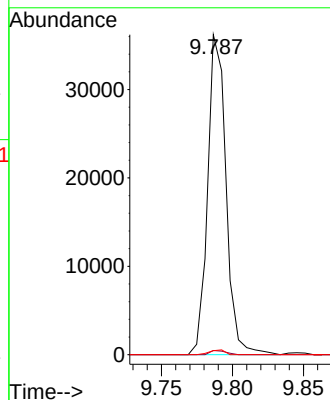
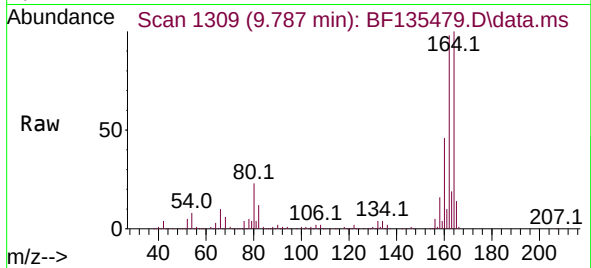




#51
2,6-Dinitrotoluene
Concen: 8.736 ng
RT: 9.787 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

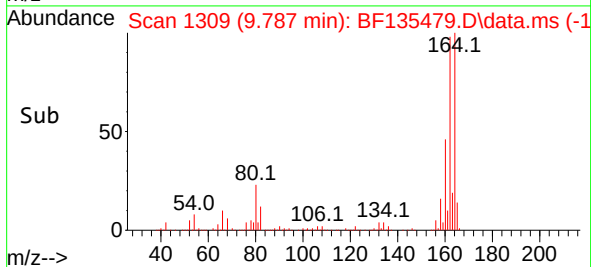
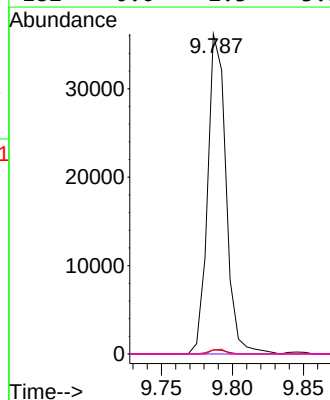
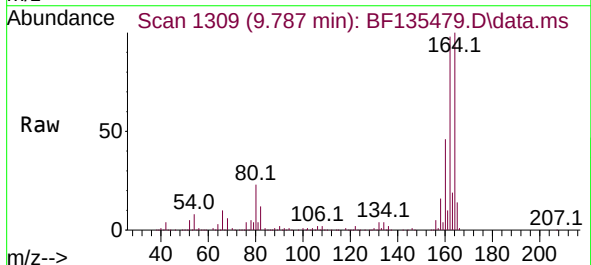
Instrument :
BNA_F
ClientSampleId :
TP-2

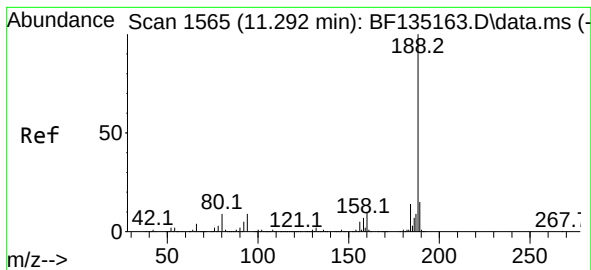
Tgt Ion:165 Resp: 32595
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.3 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.979 ng
RT: 9.787 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135479.D
Acq: 27 Sep 2023 18:34

Tgt Ion:165 Resp: 32595
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.3 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2

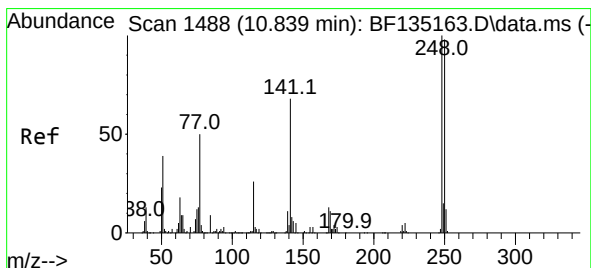
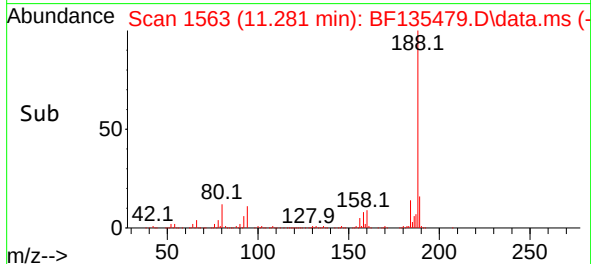
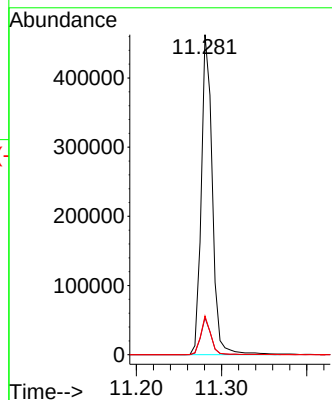
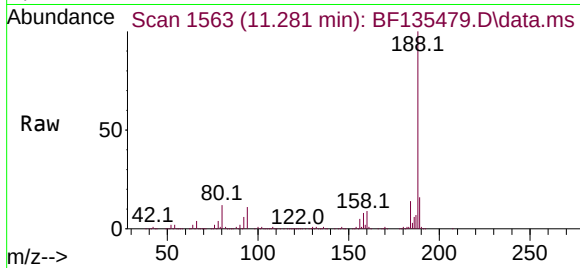
Tgt Ion:188 Resp: 415595

Ion Ratio Lower Upper

188 100

94 11.5 7.0 10.6#

80 12.1 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 2.567 ng

RT: 10.581 min Scan# 1444

Delta R.T. -0.247 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

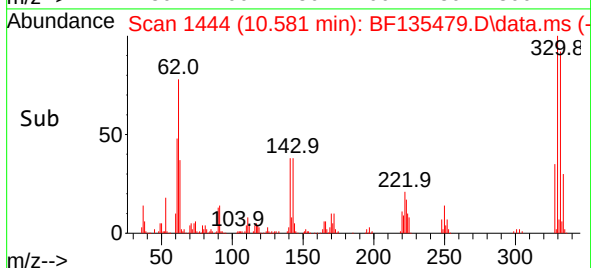
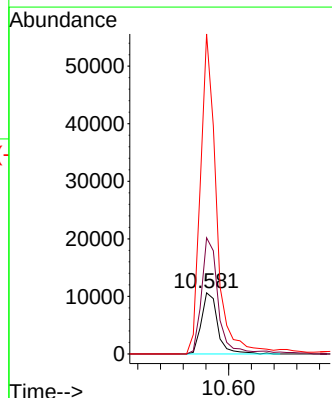
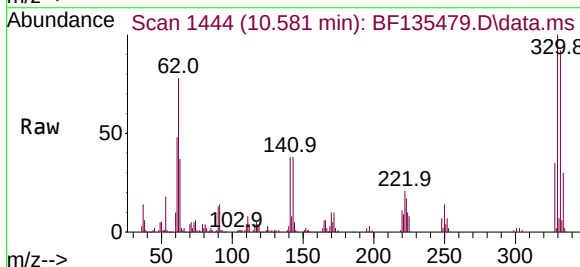
Tgt Ion:248 Resp: 10612

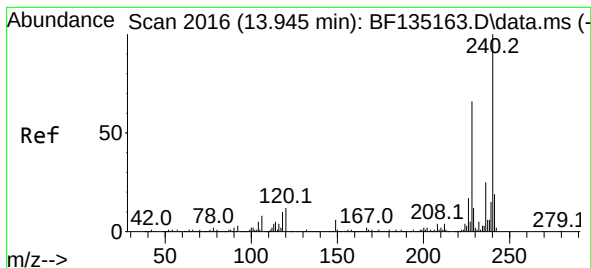
Ion Ratio Lower Upper

248 100

250 190.1 78.6 117.8#

141 523.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

Instrument :

BNA_F

ClientSampleId :

TP-2

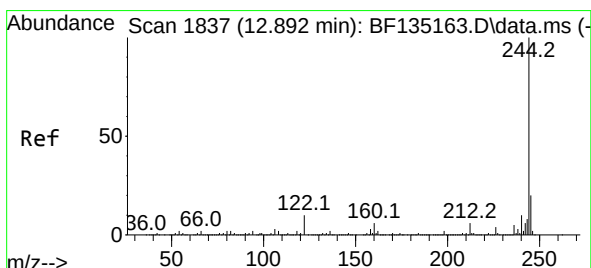
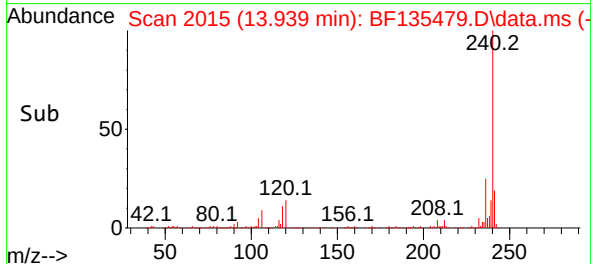
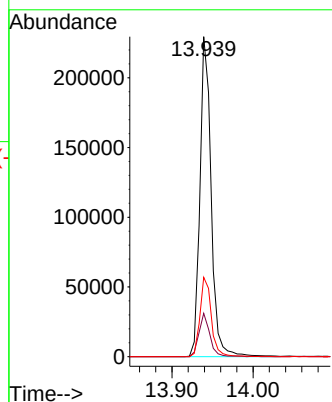
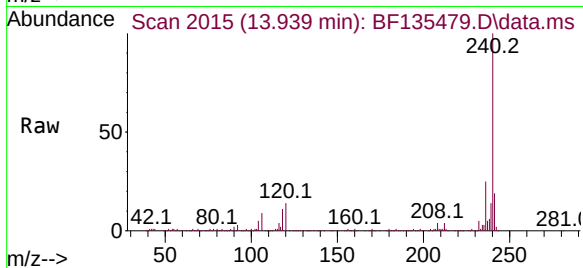
Tgt Ion:240 Resp: 220908

Ion Ratio Lower Upper

240 100

120 13.6 9.4 14.2

236 24.8 19.8 29.8



#79

Terphenyl-d14

Concen: 49.346 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF135479.D

Acq: 27 Sep 2023 18:34

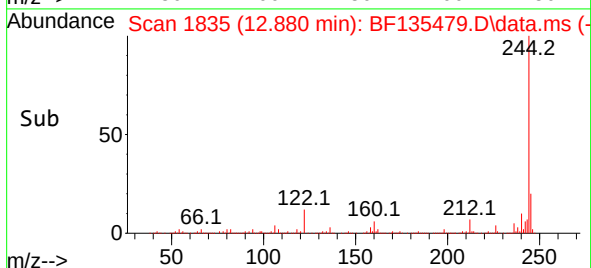
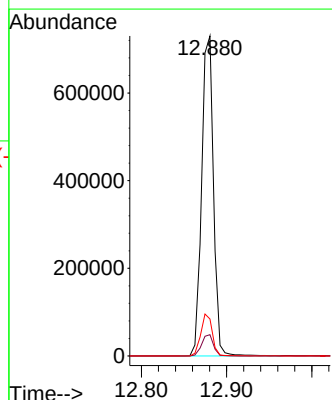
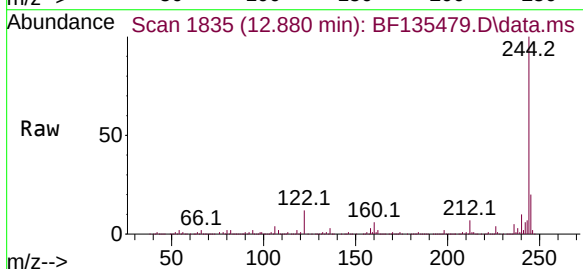
Tgt Ion:244 Resp: 703198

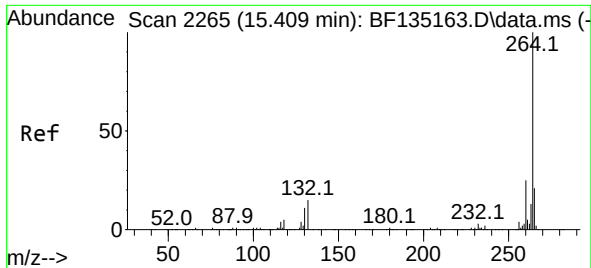
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

122 11.6 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF135479.D
 Acq: 27 Sep 2023 18:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:264 Resp: 291828
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 22.0 17.0 25.4

