

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135072.D
 Acq On : 01 Sep 2023 12:59
 Operator : CG\JU
 Sample : 04203-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(12-12.5)

Quant Time: Sep 01 19:57:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

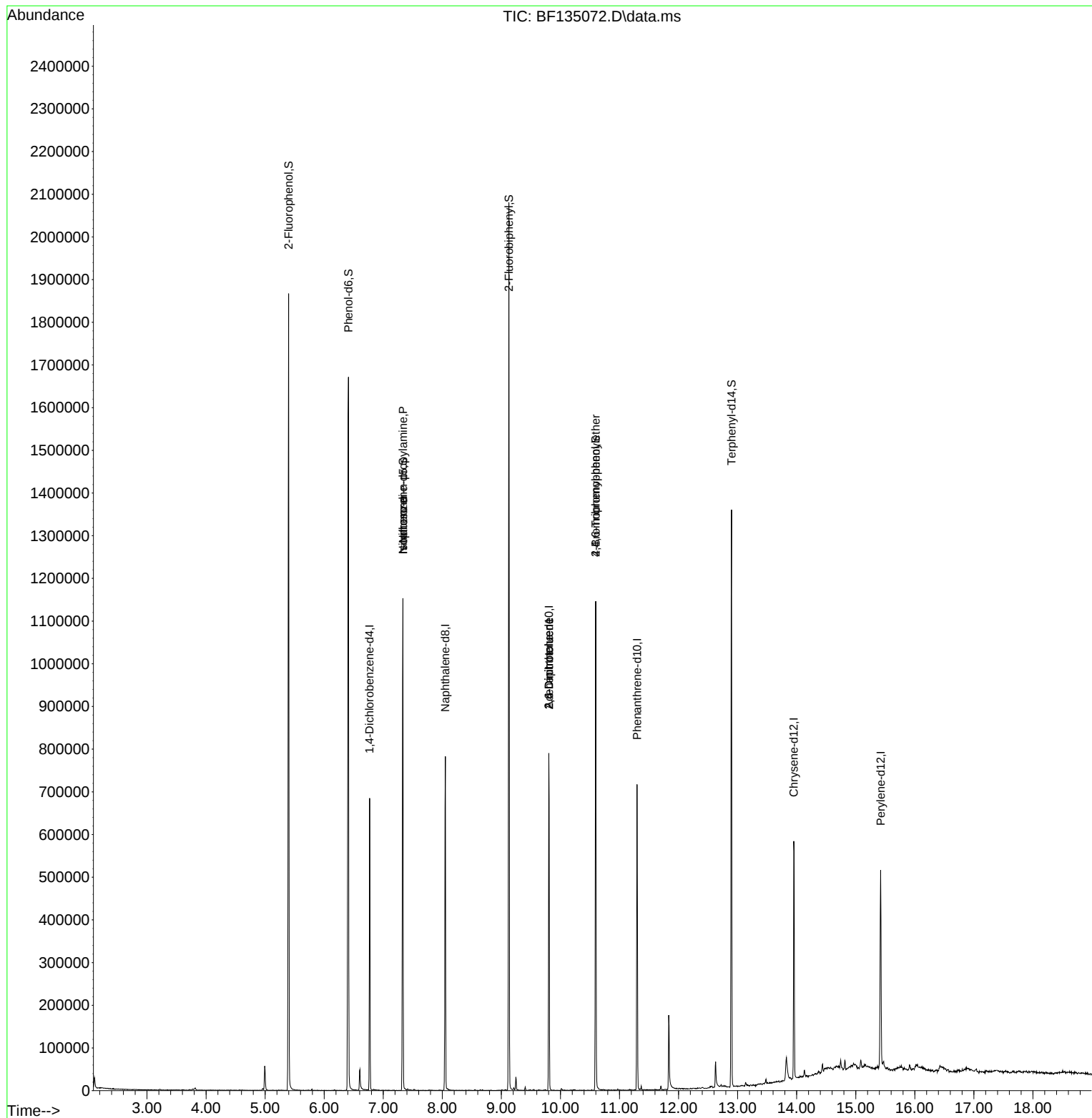
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	87000	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	336890	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	155664	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	239081	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	192570	20.000	ng	-0.01
86) Perylene-d12	15.421	264	205690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	467317	82.968	ng	0.00
7) Phenol-d6	6.410	99	571312	81.378	ng	0.00
23) Nitrobenzene-d5	7.333	82	342845	57.174	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	127520	77.225	ng	-0.01
45) 2-Fluorobiphenyl	9.127	172	578943	60.552	ng	-0.01
79) Terphenyl-d14	12.898	244	461605	39.118	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	46191	11.077	ng	# 78
25) Isophorone	7.333	82	342840	30.155	ng	# 65
51) 2,6-Dinitrotoluene	9.804	165	19726	8.248	ng	# 21
57) 2,4-Dinitrotoluene	9.804	165	19726	6.618	ng	# 19
67) 4-Bromophenyl-phenylether	10.598	248	7872	3.104	ng	# 1

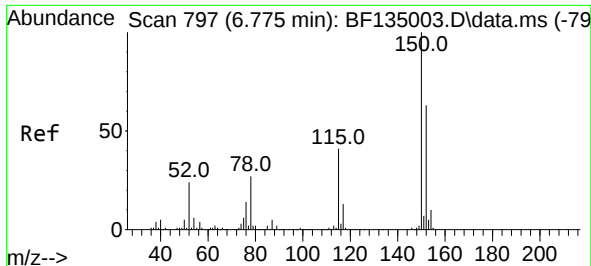
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1(12-12.5)

Quant Time: Sep 01 19:57:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

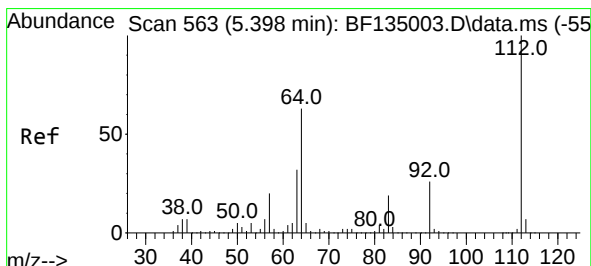
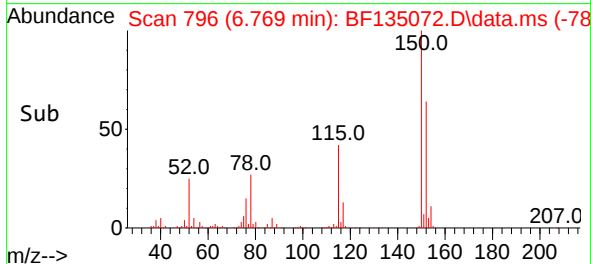
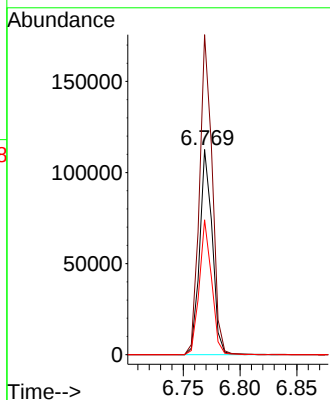
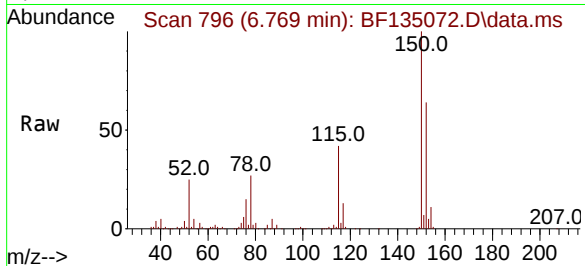




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

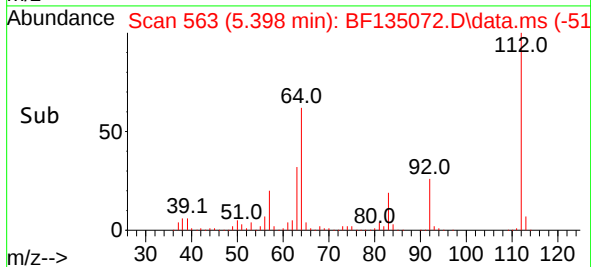
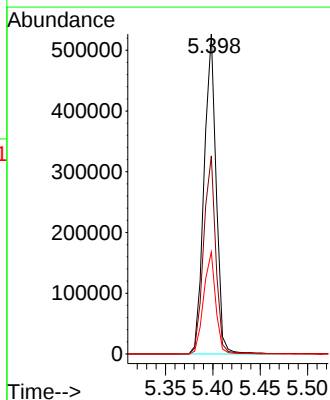
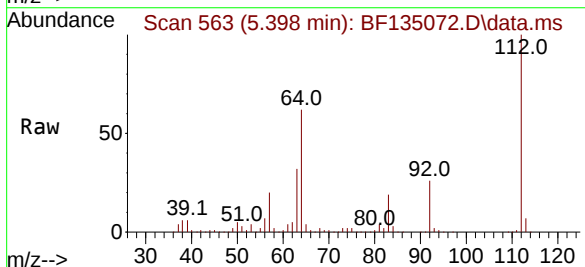
Instrument :
BNA_F
ClientSampleId :
SB-1(12-12.5)

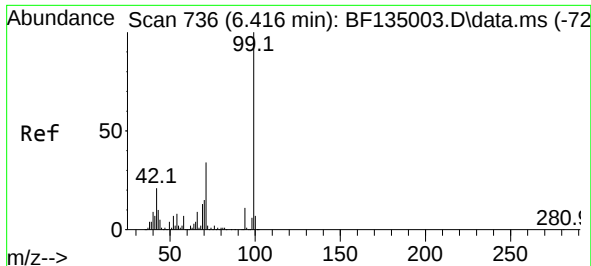
Tgt Ion:152 Resp: 87000
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.4
115 65.8 51.2 76.8



#5
2-Fluorophenol
Concen: 82.968 ng
RT: 5.398 min Scan# 563
Delta R.T. -0.000 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

Tgt Ion:112 Resp: 467317
Ion Ratio Lower Upper
112 100
64 61.9 50.5 75.7
63 31.9 25.9 38.9

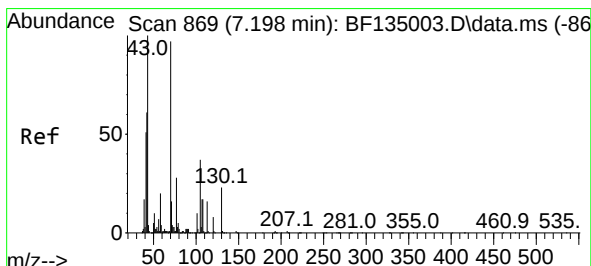
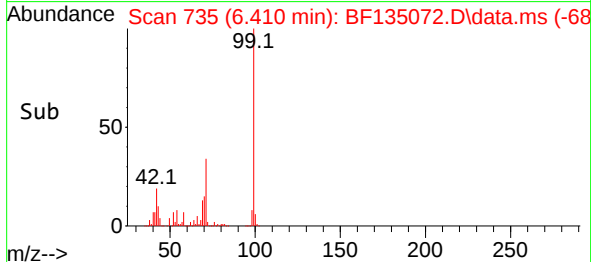
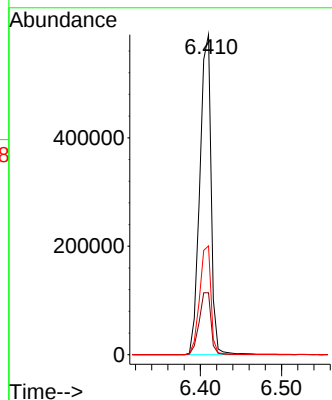
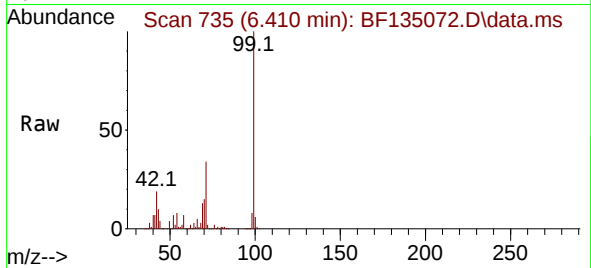




#7
Phenol-d6
Concen: 81.378 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

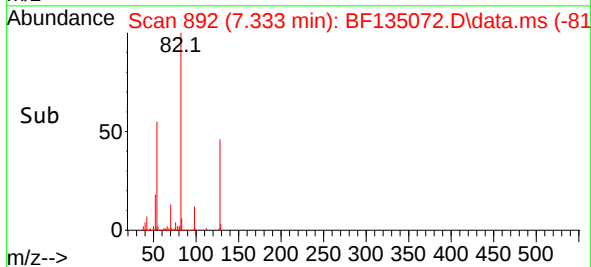
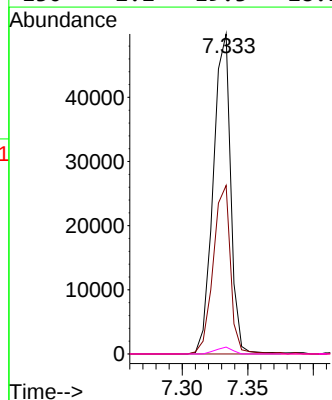
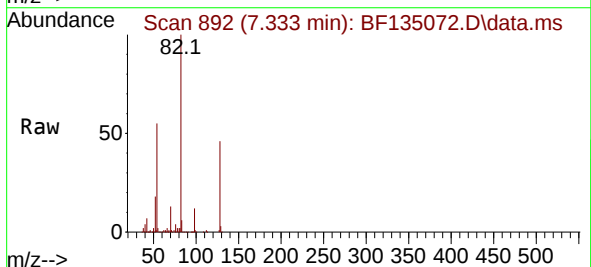
Instrument :
BNA_F
ClientSampleId :
SB-1(12-12.5)

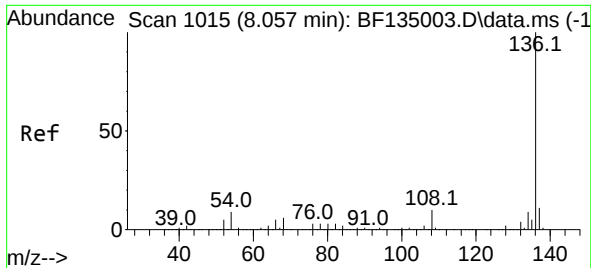
Tgt Ion: 99 Resp: 571312
Ion Ratio Lower Upper
99 100
42 19.4 16.6 25.0
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.077 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

Tgt Ion: 70 Resp: 46191
Ion Ratio Lower Upper
70 100
42 52.6 50.2 75.4
101 0.0 8.1 12.1#
130 2.2 19.3 28.9#

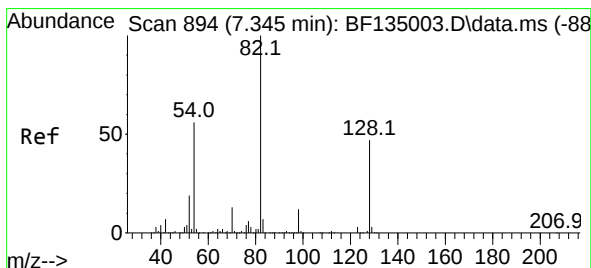
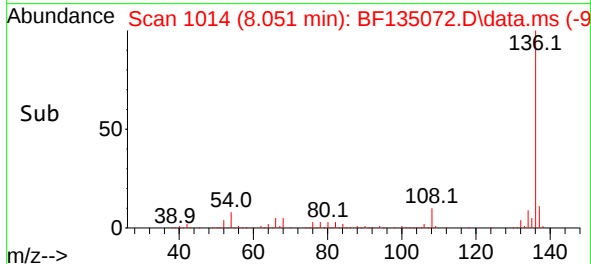
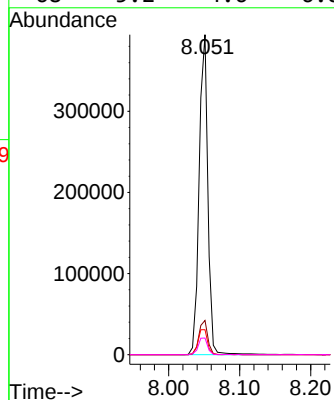
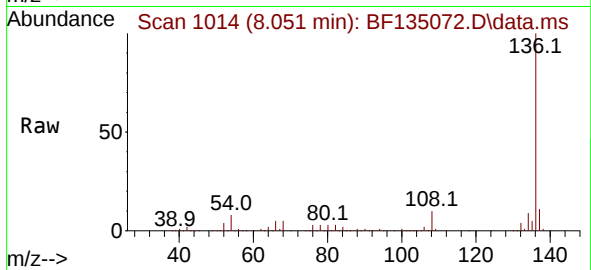




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

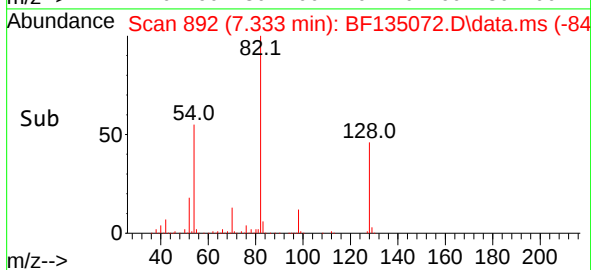
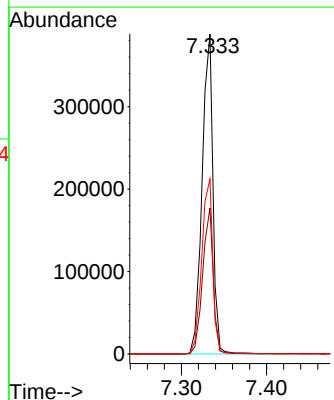
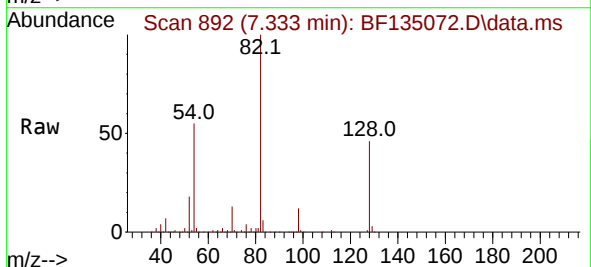
Instrument :
BNA_F
ClientSampleId :
SB-1(12-12.5)

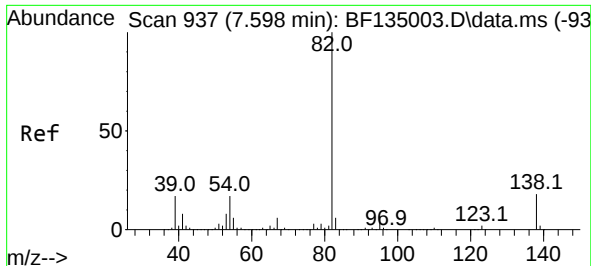
Tgt Ion:136 Resp: 336890
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.8 7.0 10.4
68 5.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 57.174 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

Tgt Ion: 82 Resp: 342845
Ion Ratio Lower Upper
82 100
128 45.6 37.8 56.8
54 54.7 45.0 67.6

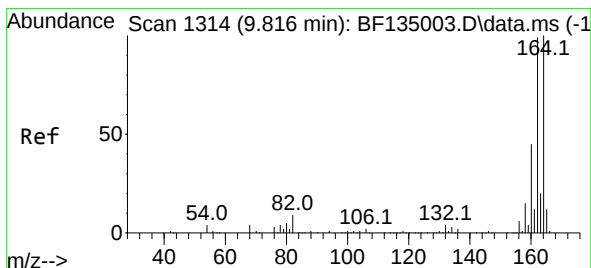
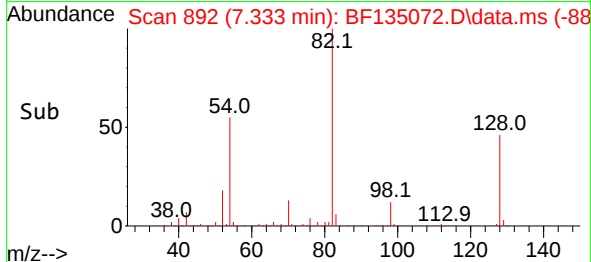
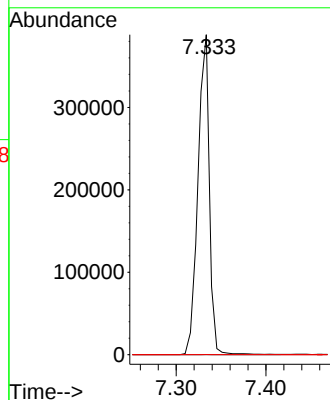
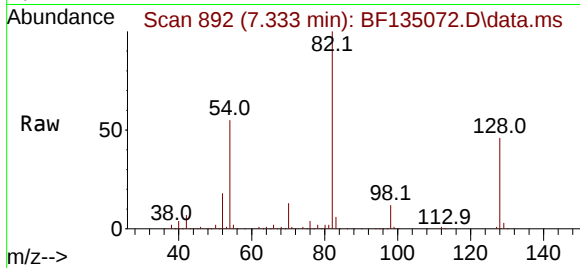




#25
Isophorone
Concen: 30.155 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

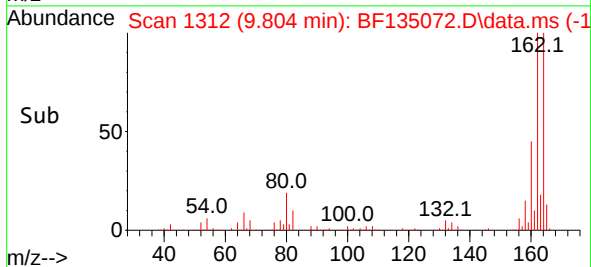
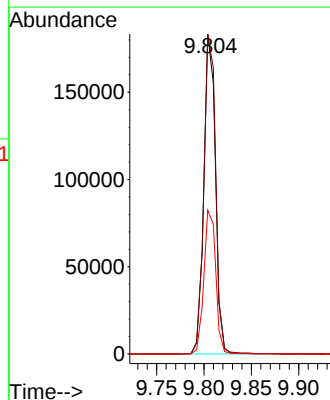
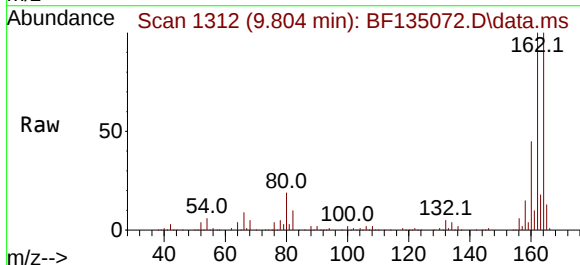
Instrument :
BNA_F
ClientSampleId :
SB-1(12-12.5)

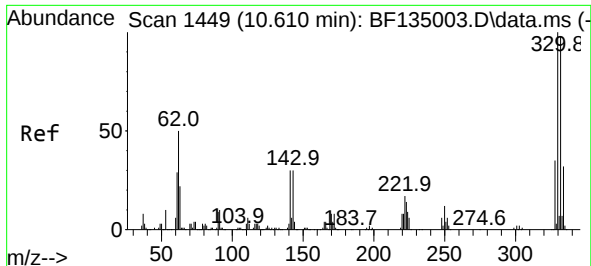
Tgt Ion: 82 Resp: 342840
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135072.D
Acq: 01 Sep 2023 12:59

Tgt Ion: 164 Resp: 155664
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.9 36.0 54.0

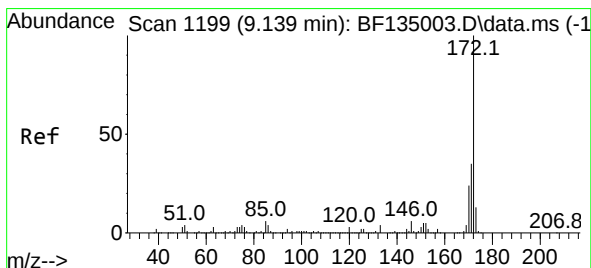
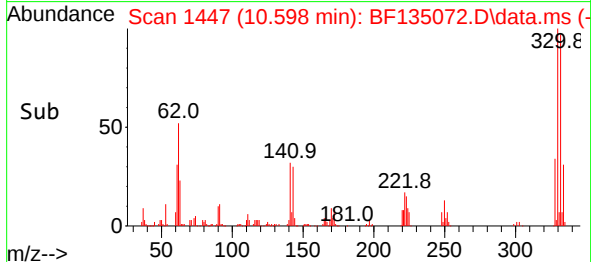
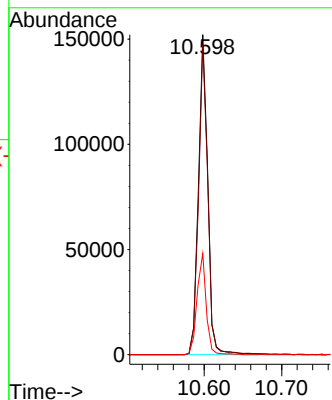
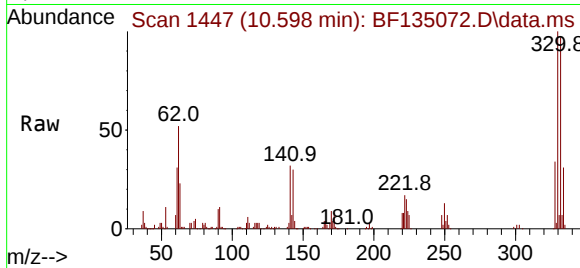




#42
 2,4,6-Tribromophenol
 Concen: 77.225 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.012 min
 Lab File: BF135072.D
 Acq: 01 Sep 2023 12:59

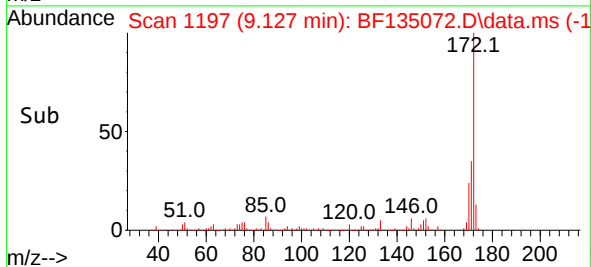
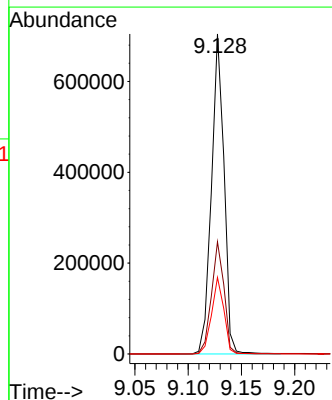
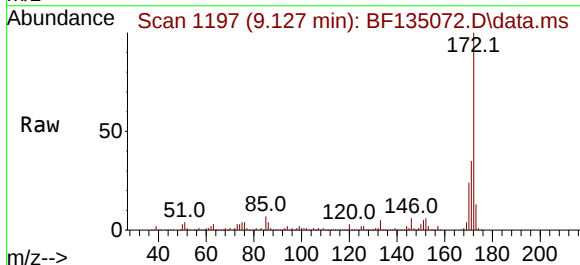
Instrument :
 BNA_F
 ClientSampleId :
 SB-1(12-12.5)

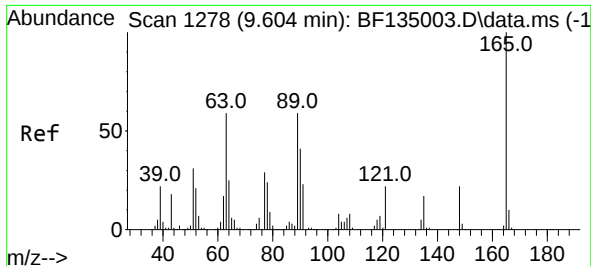
Tgt Ion:330 Resp: 127520
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.6 116.4
 141 31.0 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 60.552 ng
 RT: 9.127 min Scan# 1197
 Delta R.T. -0.012 min
 Lab File: BF135072.D
 Acq: 01 Sep 2023 12:59

Tgt Ion:172 Resp: 578943
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.2 42.2
 170 23.9 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.248 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SB-1(12-12.5)

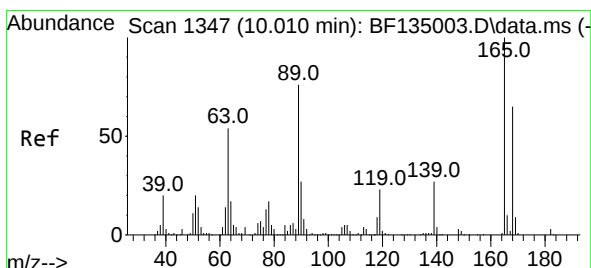
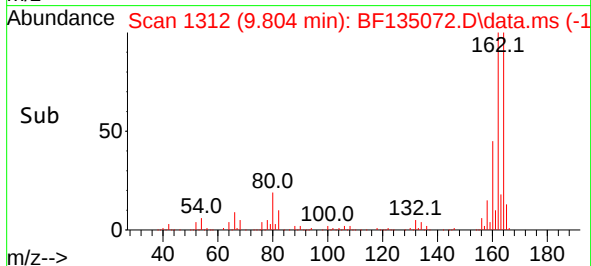
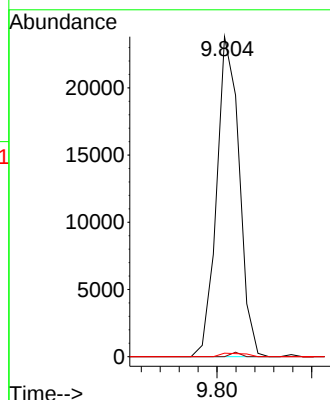
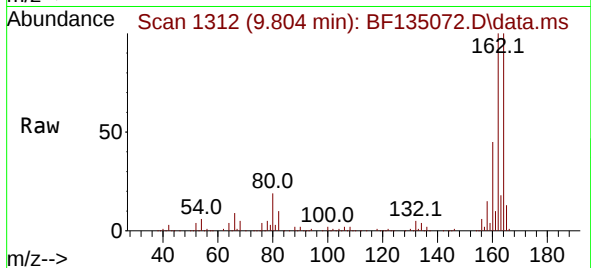
Tgt Ion:165 Resp: 19726

Ion Ratio Lower Upper

165 100

63 0.0 50.4 75.6#

89 1.1 47.1 70.7#



#57

2,4-Dinitrotoluene

Concen: 6.618 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.206 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

Tgt Ion:165 Resp: 19726

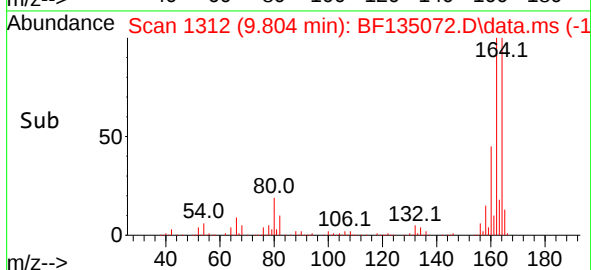
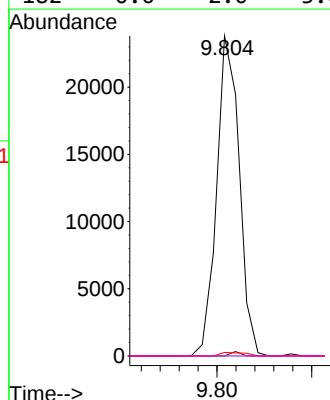
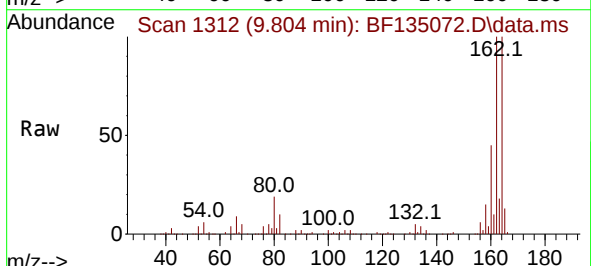
Ion Ratio Lower Upper

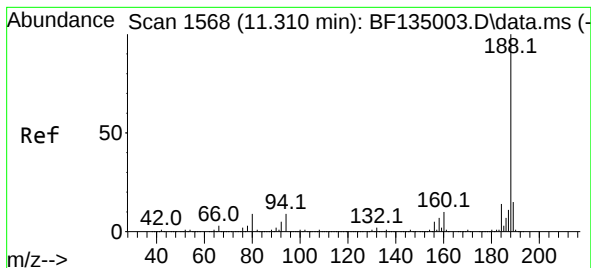
165 100

63 0.0 43.2 64.8#

89 1.1 60.8 91.2#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SB-1(12-12.5)

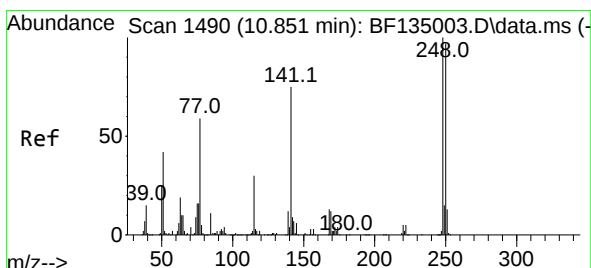
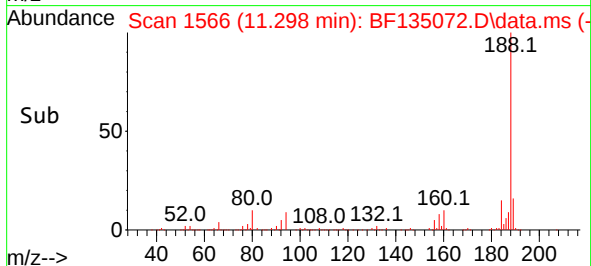
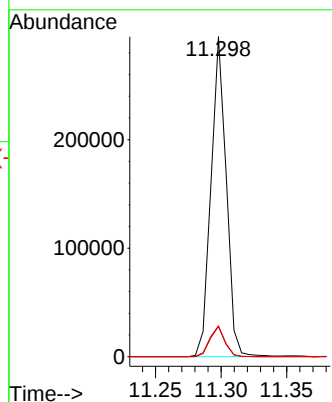
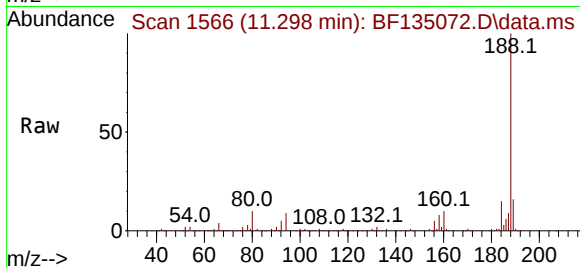
Tgt Ion:188 Resp: 239081

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 9.7 7.4 11.2



#67

4-Bromophenyl-phenylether

Concen: 3.104 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.253 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

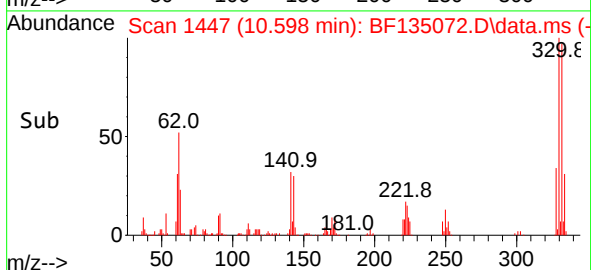
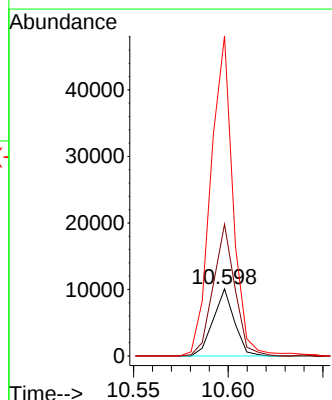
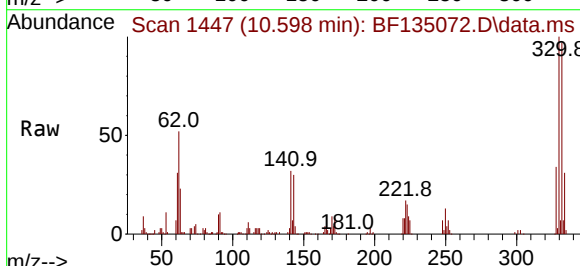
Tgt Ion:248 Resp: 7872

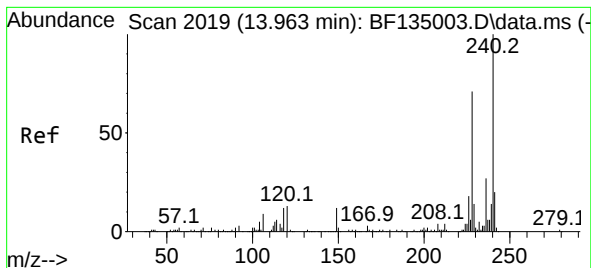
Ion Ratio Lower Upper

248 100

250 196.4 77.9 116.9#

141 477.1 59.8 89.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

Instrument :

BNA_F

ClientSampleId :

SB-1(12-12.5)

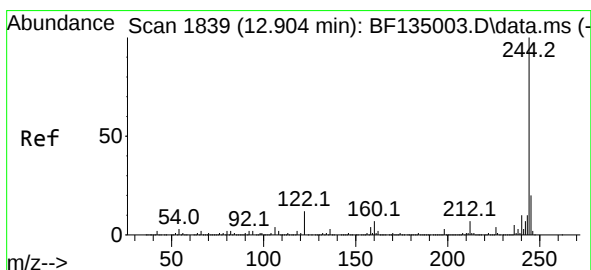
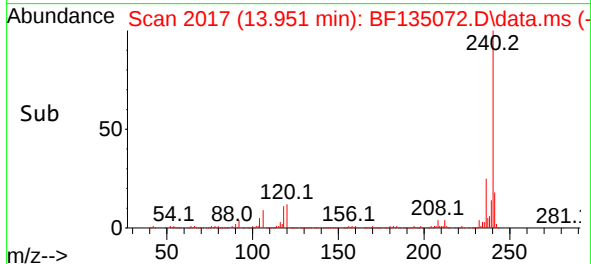
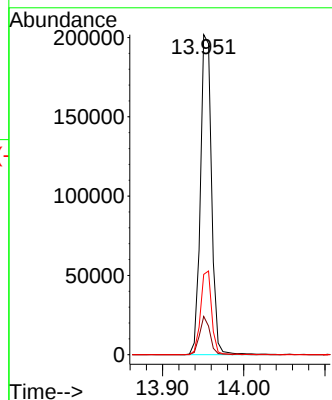
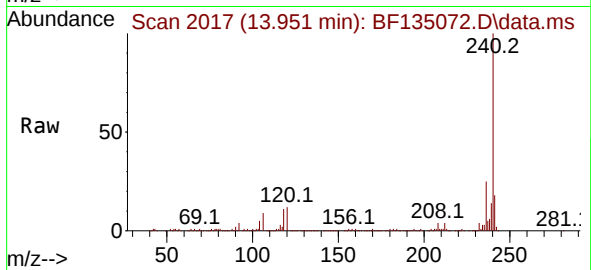
Tgt Ion:240 Resp: 192570

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.2

236 25.1 21.3 31.9



#79

Terphenyl-d14

Concen: 39.118 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135072.D

Acq: 01 Sep 2023 12:59

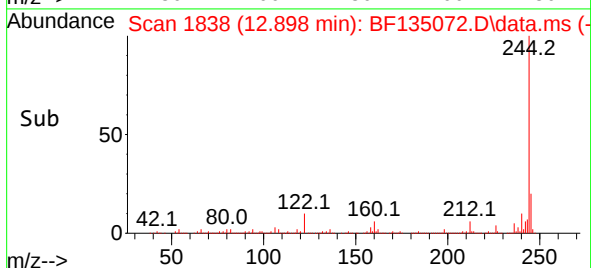
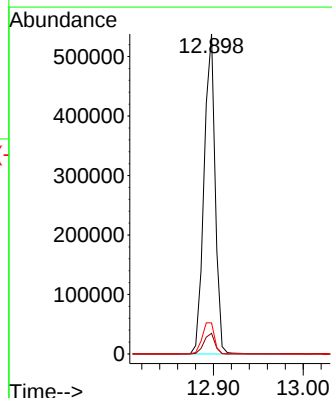
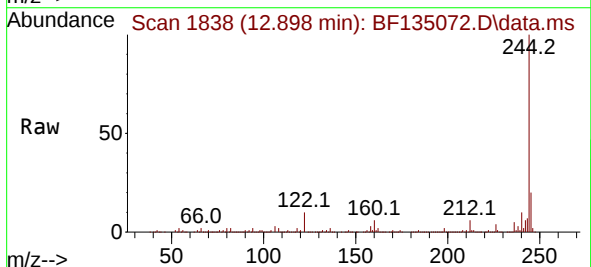
Tgt Ion:244 Resp: 461605

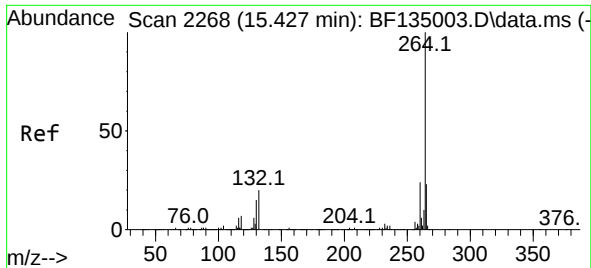
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

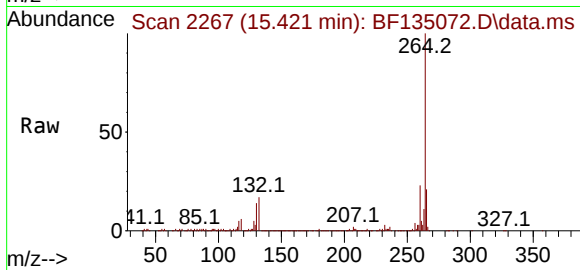
122 9.7 9.8 14.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135072.D
 Acq: 01 Sep 2023 12:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(12-12.5)



Tgt Ion:264 Resp: 205690
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.2 18.2 27.2

