

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129634.D
 Acq On : 08 Aug 2022 15:53
 Operator : CG\JU
 Sample : N4091-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-124019

Quant Time: Aug 09 00:32:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

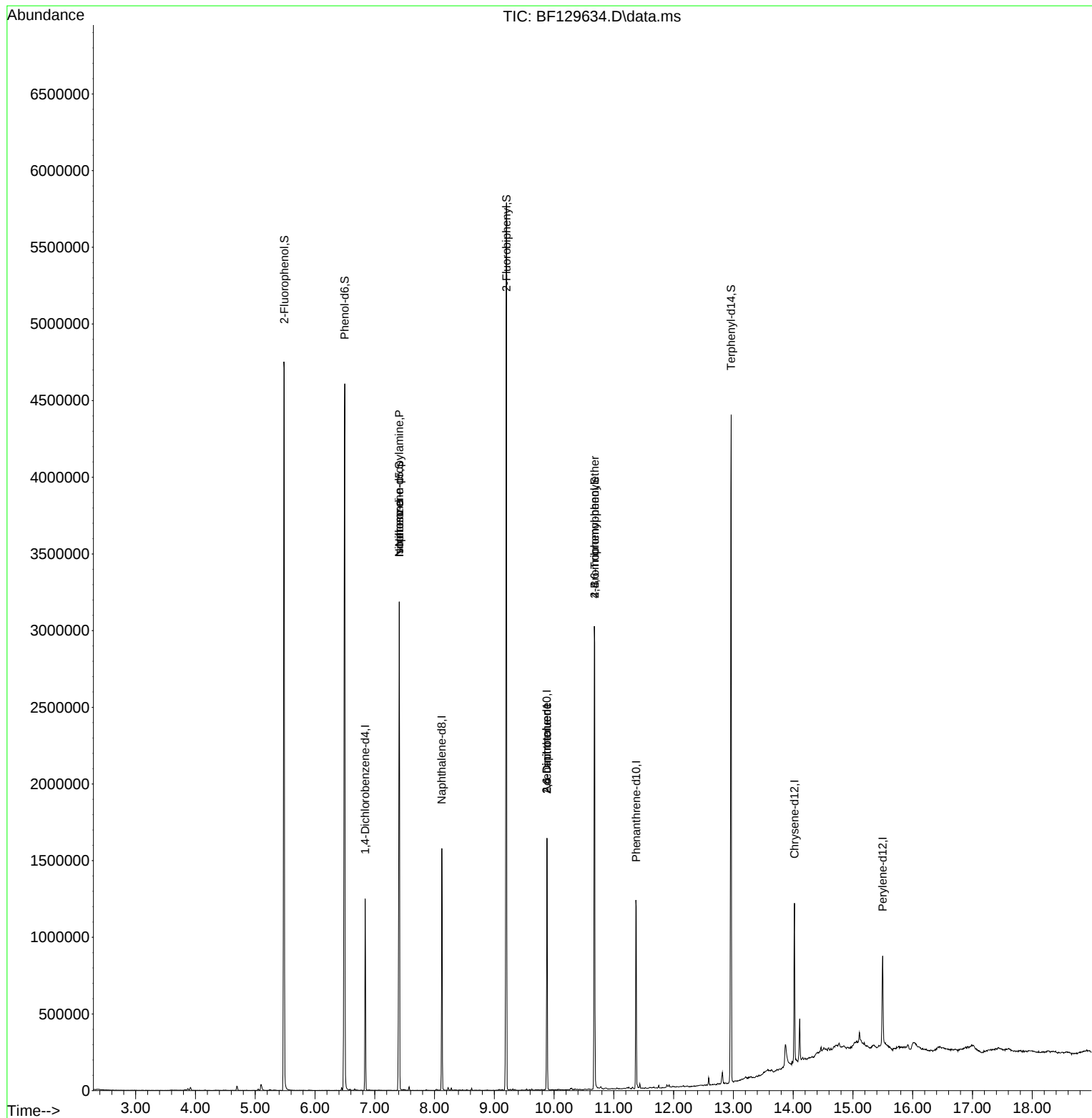
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	168573	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	648828	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	302706	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	446900	20.000	ng	0.00
76) Chrysene-d12	14.021	240	337036	20.000	ng	0.00
86) Perylene-d12	15.498	264	250079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1452301	140.343	ng	0.00
7) Phenol-d6	6.498	99	1805151	138.781	ng	0.00
23) Nitrobenzene-d5	7.410	82	1123136	94.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	378958	130.213	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1811290	92.564	ng	0.00
79) Terphenyl-d14	12.963	244	1497024	83.797	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	148506	18.859	ng	# 75
25) Isophorone	7.410	82	1119992	52.569	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	39786	8.507	ng	# 25
57) 2,4-Dinitrotoluene	9.881	165	39786	6.512	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	24048	4.914	ng	# 1

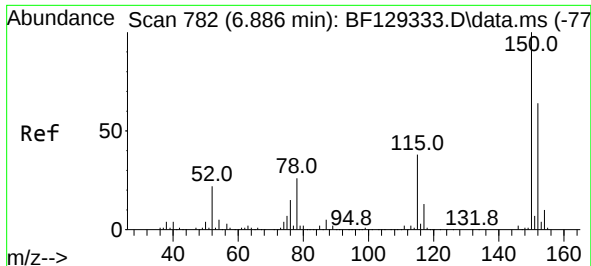
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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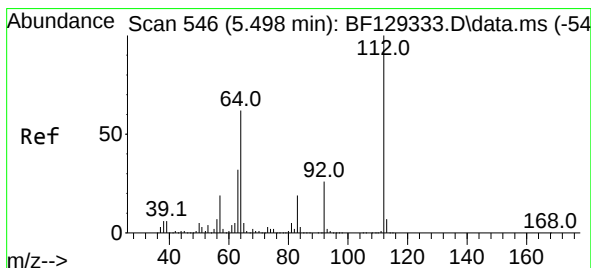
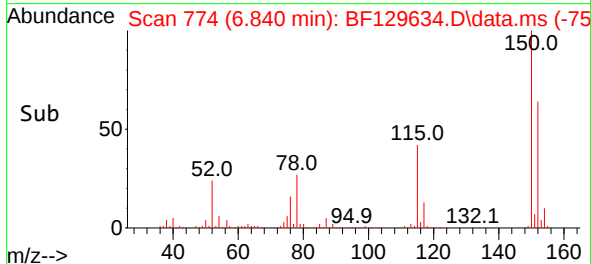
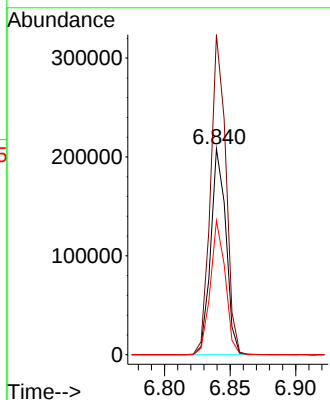
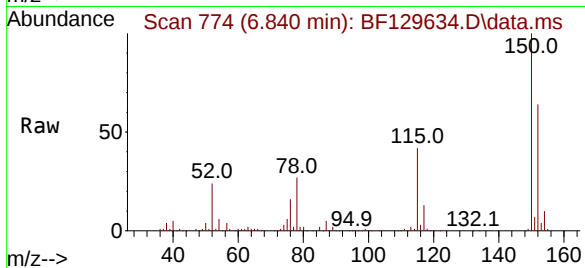


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129634.D
 Acq: 08 Aug 2022 15:53

Instrument :
 BNA_F
 ClientSampleId :
 RO-124019

Tgt Ion:152 Resp: 168573

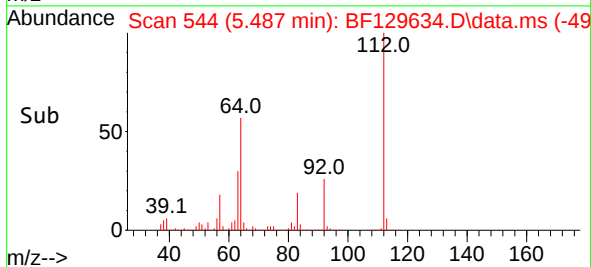
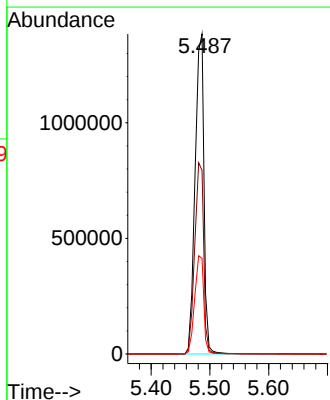
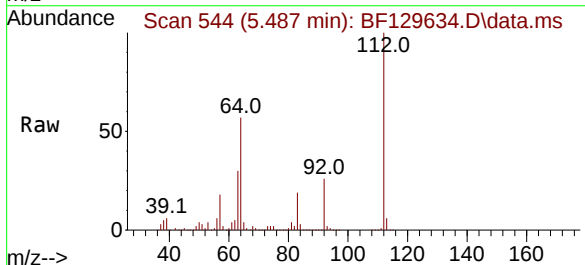
Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	65.1	49.9	74.9



#5
 2-Fluorophenol
 Concen: 140.343 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129634.D
 Acq: 08 Aug 2022 15:53

Tgt Ion:112 Resp: 1452301

Ion	Ratio	Lower	Upper
112	100		
64	57.4	53.3	79.9
63	29.9	28.0	42.0



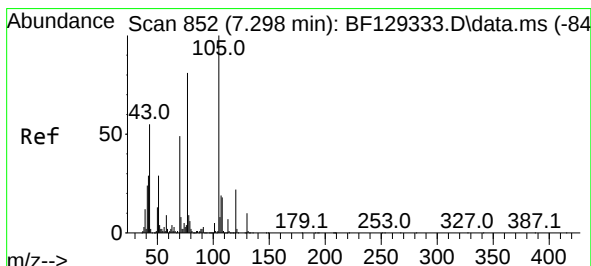
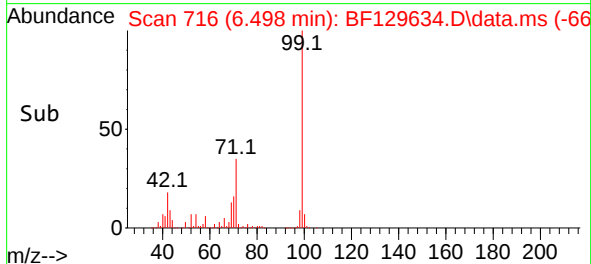
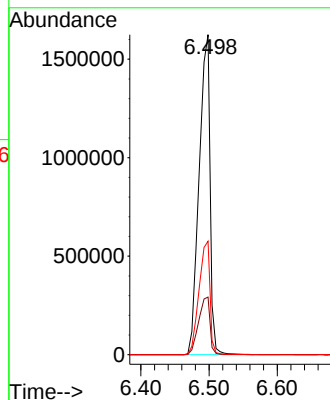
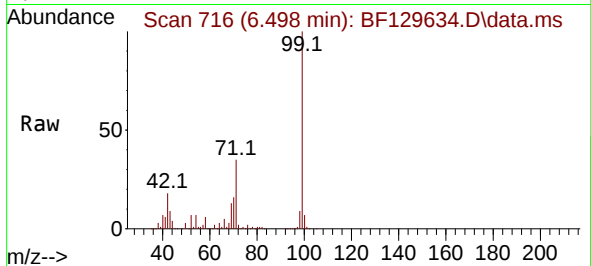


#7
Phenol-d6
Concen: 138.781 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Instrument :
BNA_F
ClientSampleId :
RO-124019

Tgt Ion: 99 Resp: 1805151

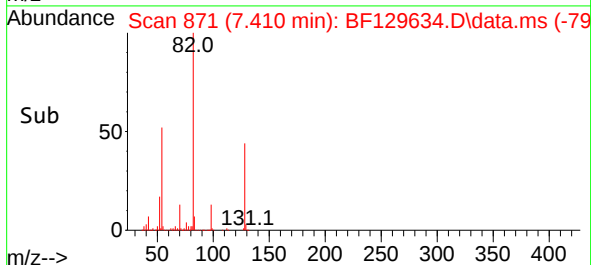
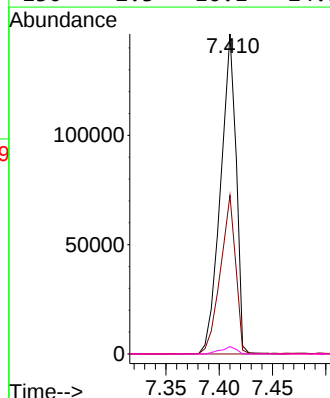
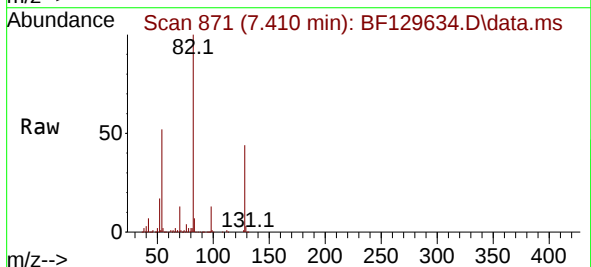
Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.3	25.9
71	35.4	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.859 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Tgt Ion: 70 Resp: 148506

Ion	Ratio	Lower	Upper
70	100		
42	49.5	52.3	78.5#
101	0.0	7.5	11.3#
130	2.3	16.1	24.1#



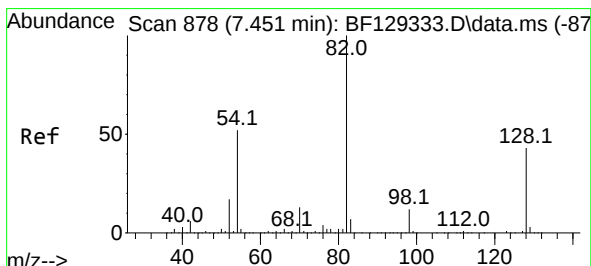
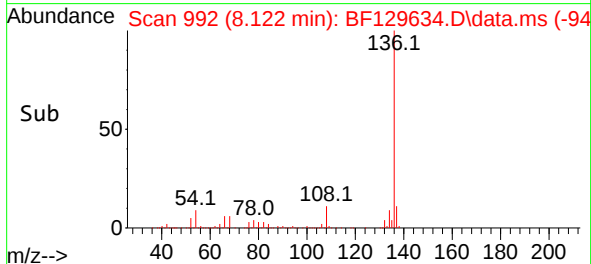
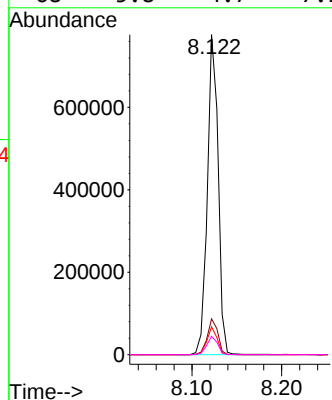
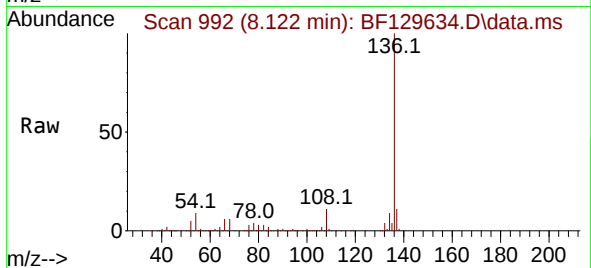


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Instrument :
BNA_F
ClientSampleId :
RO-124019

Tgt Ion:136 Resp: 648828

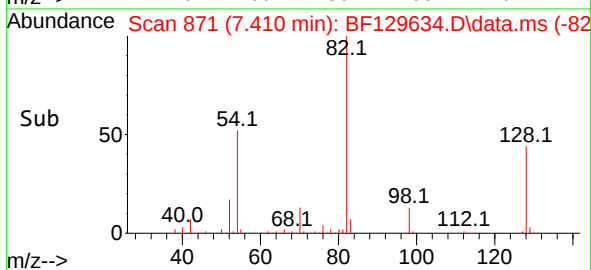
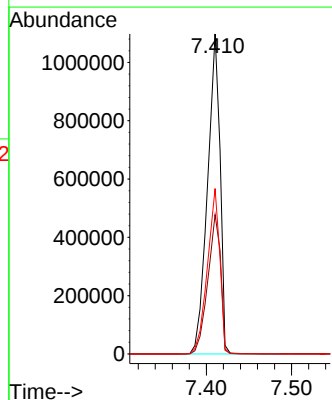
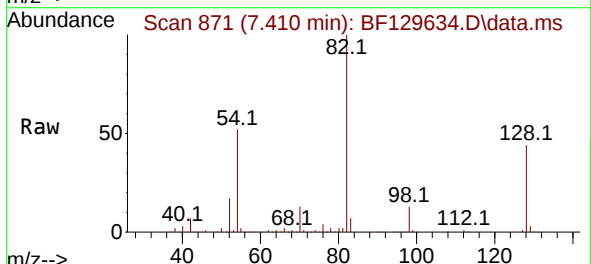
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.7	7.5	11.3
68	5.8	4.7	7.1

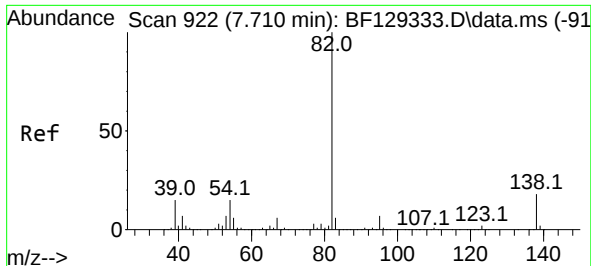


#23
Nitrobenzene-d5
Concen: 94.494 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Tgt Ion: 82 Resp: 1123136

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.0	51.0
54	51.7	46.9	70.3

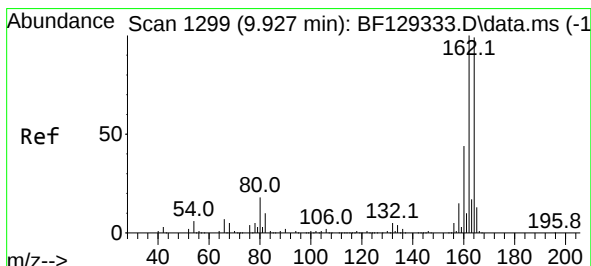
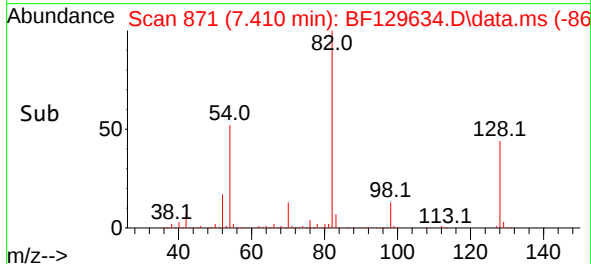
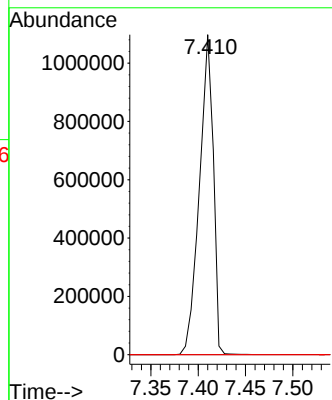
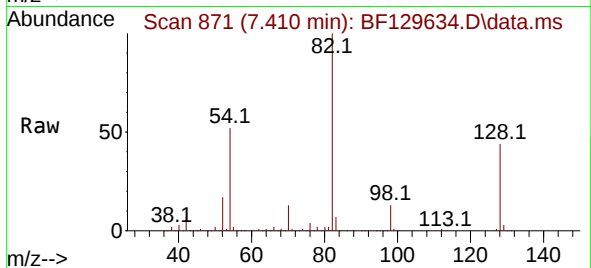




#25
Isophorone
Concen: 52.569 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

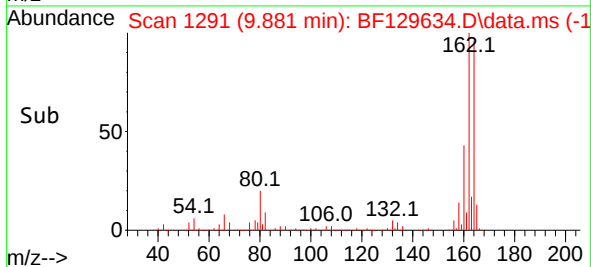
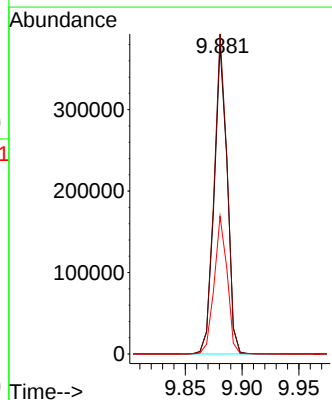
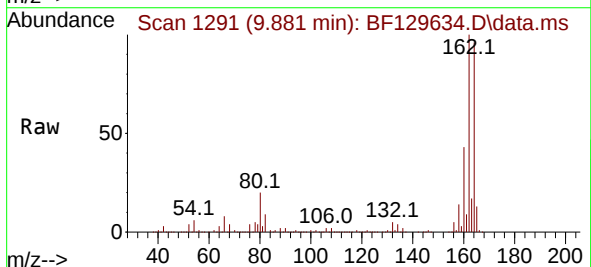
Instrument :
BNA_F
ClientSampleId :
RO-124019

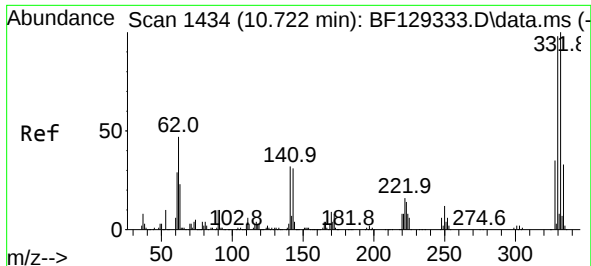
Tgt Ion: 82 Resp: 1119992
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Tgt Ion:164 Resp: 302706
Ion Ratio Lower Upper
164 100
162 103.7 79.5 119.3
160 44.6 34.2 51.4

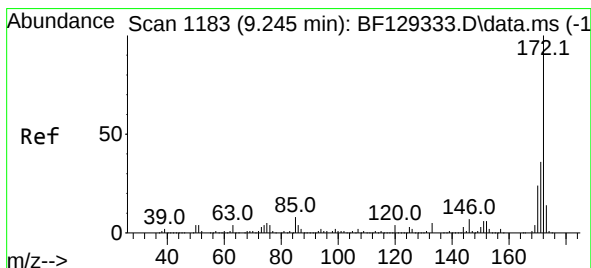
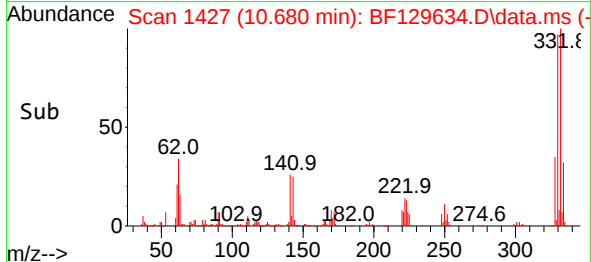
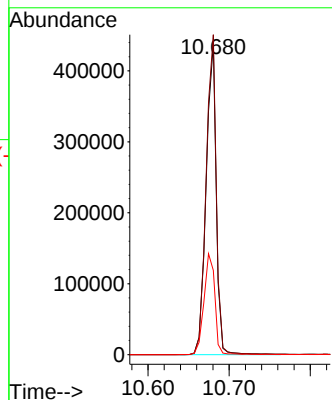
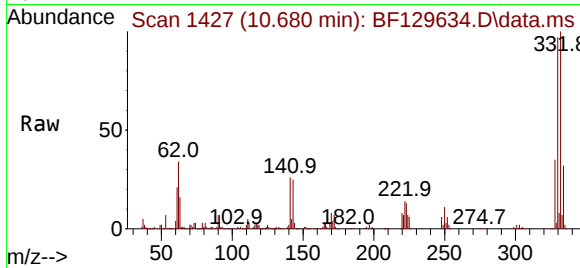




#42
2,4,6-Tribromophenol
Concen: 130.213 ng
RT: 10.680 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

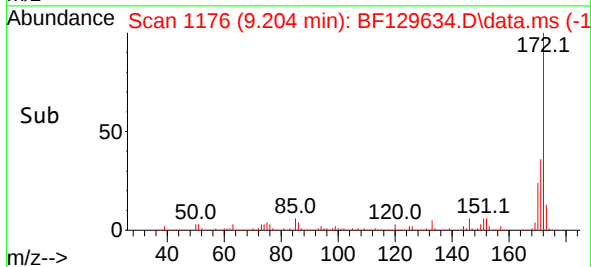
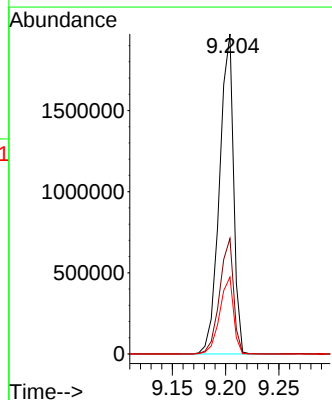
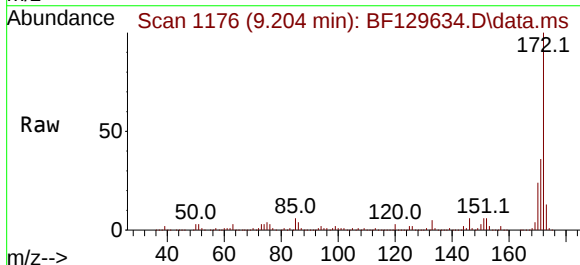
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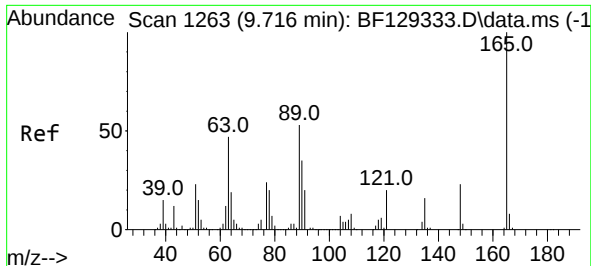
Tgt Ion:330 Resp: 378958
Ion Ratio Lower Upper
330 100
332 103.4 76.8 115.2
141 35.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 92.564 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129634.D
Acq: 08 Aug 2022 15:53

Tgt Ion:172 Resp: 1811290
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.0 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.507 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

Instrument :

BNA_F

ClientSampleId :

RO-124019

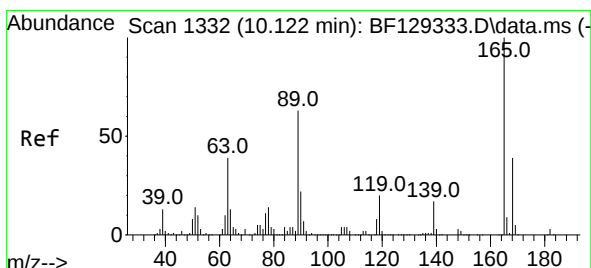
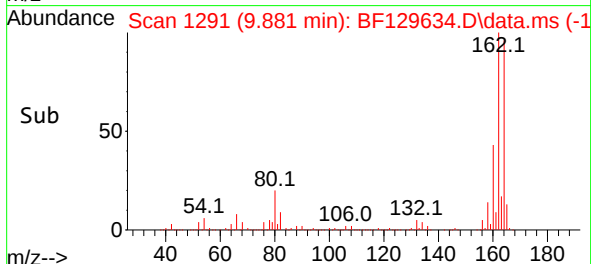
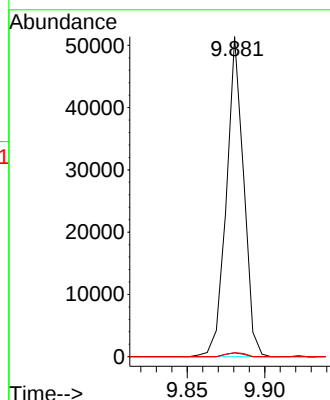
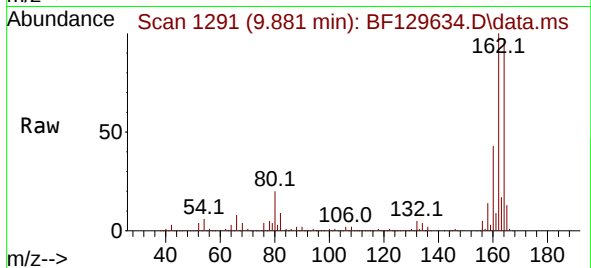
Tgt Ion:165 Resp: 39786

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.512 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

Tgt Ion:165 Resp: 39786

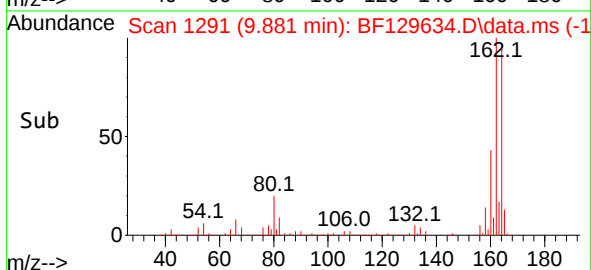
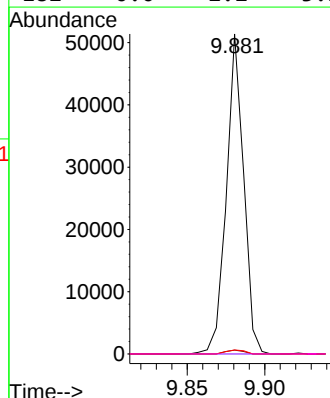
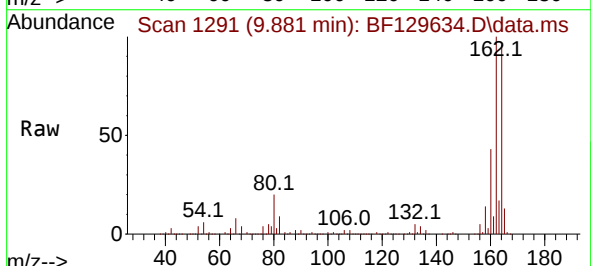
Ion Ratio Lower Upper

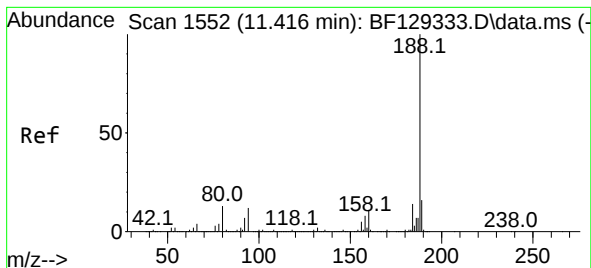
165 100

63 1.2 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

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RO-124019

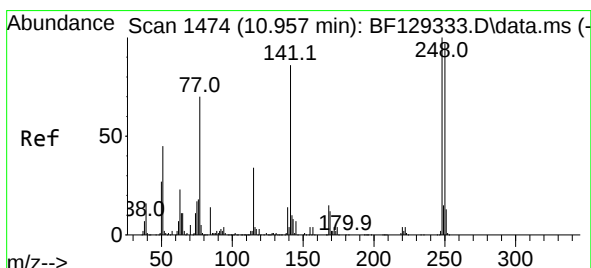
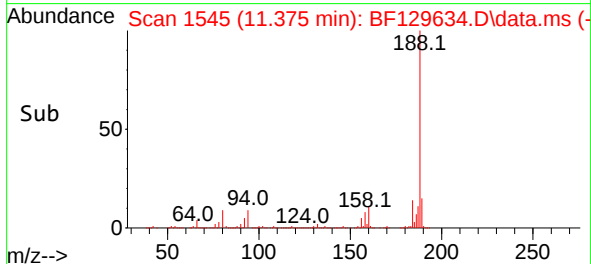
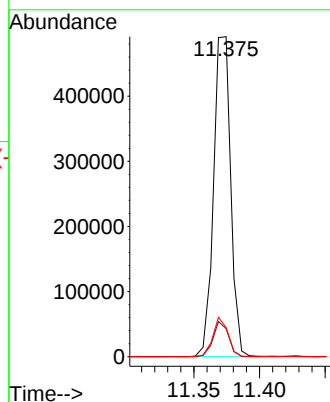
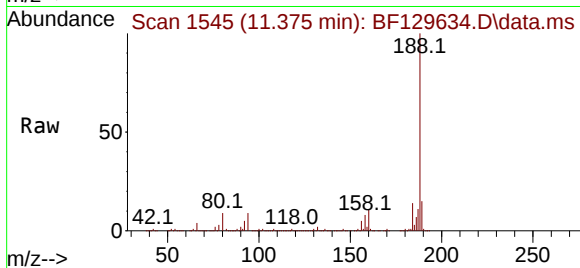
Tgt Ion:188 Resp: 446900

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.914 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.241 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

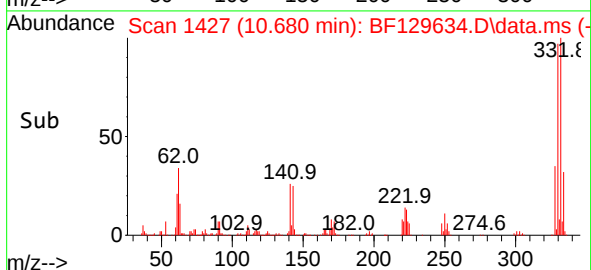
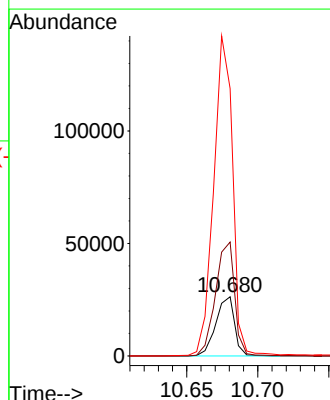
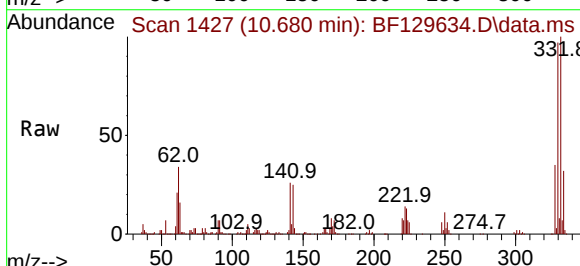
Tgt Ion:248 Resp: 24048

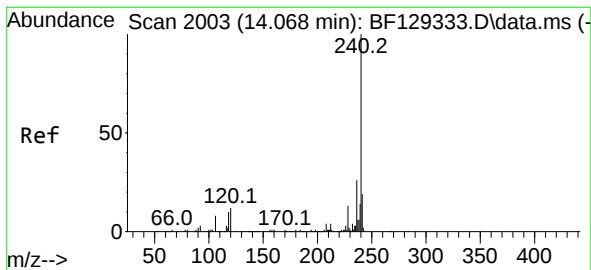
Ion Ratio Lower Upper

248 100

250 192.8 80.6 120.8#

141 452.1 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

Instrument :

BNA_F

ClientSampleId :

RO-124019

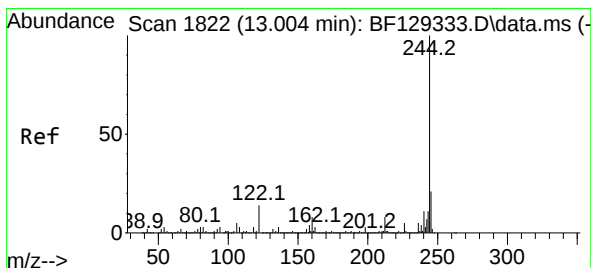
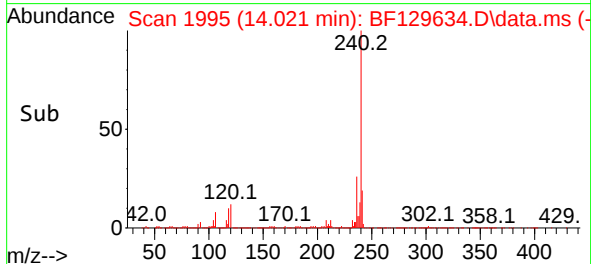
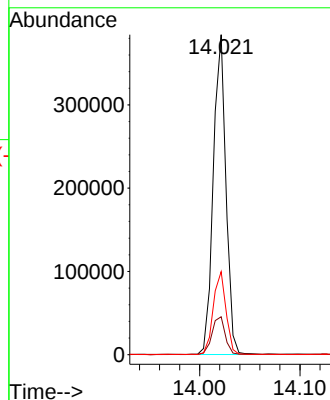
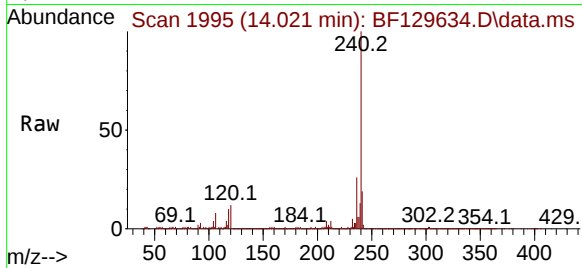
Tgt Ion:240 Resp: 337036

Ion Ratio Lower Upper

240 100

120 11.9 8.9 13.3

236 26.0 20.8 31.2



#79

Terphenyl-d14

Concen: 83.797 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF129634.D

Acq: 08 Aug 2022 15:53

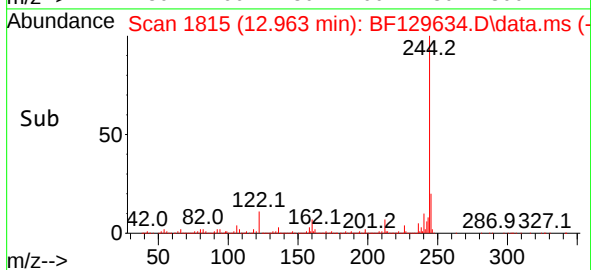
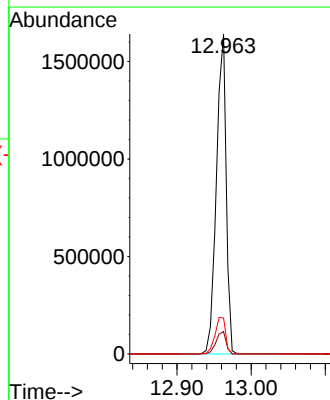
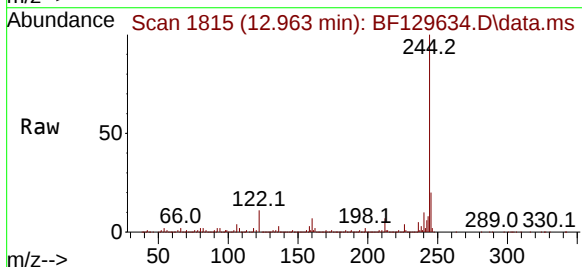
Tgt Ion:244 Resp: 1497024

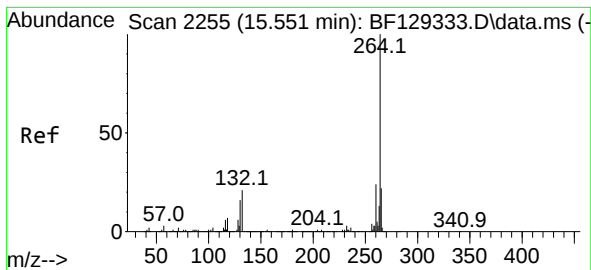
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 11.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129634.D

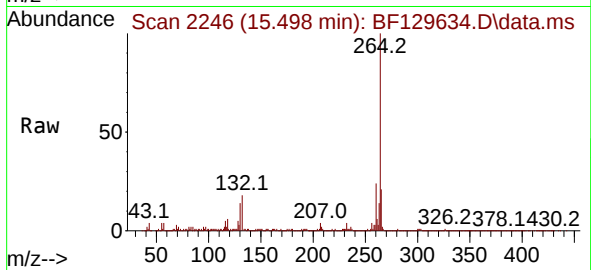
Acq: 08 Aug 2022 15:53

Instrument :

BNA_F

ClientSampleId :

RO-124019



Tgt Ion:264 Resp: 250079

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 20.9 17.2 25.8

