

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126315.D
 Acq On : 22 Dec 2021 00:56
 Operator : JU/CG
 Sample : M5179-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:24:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

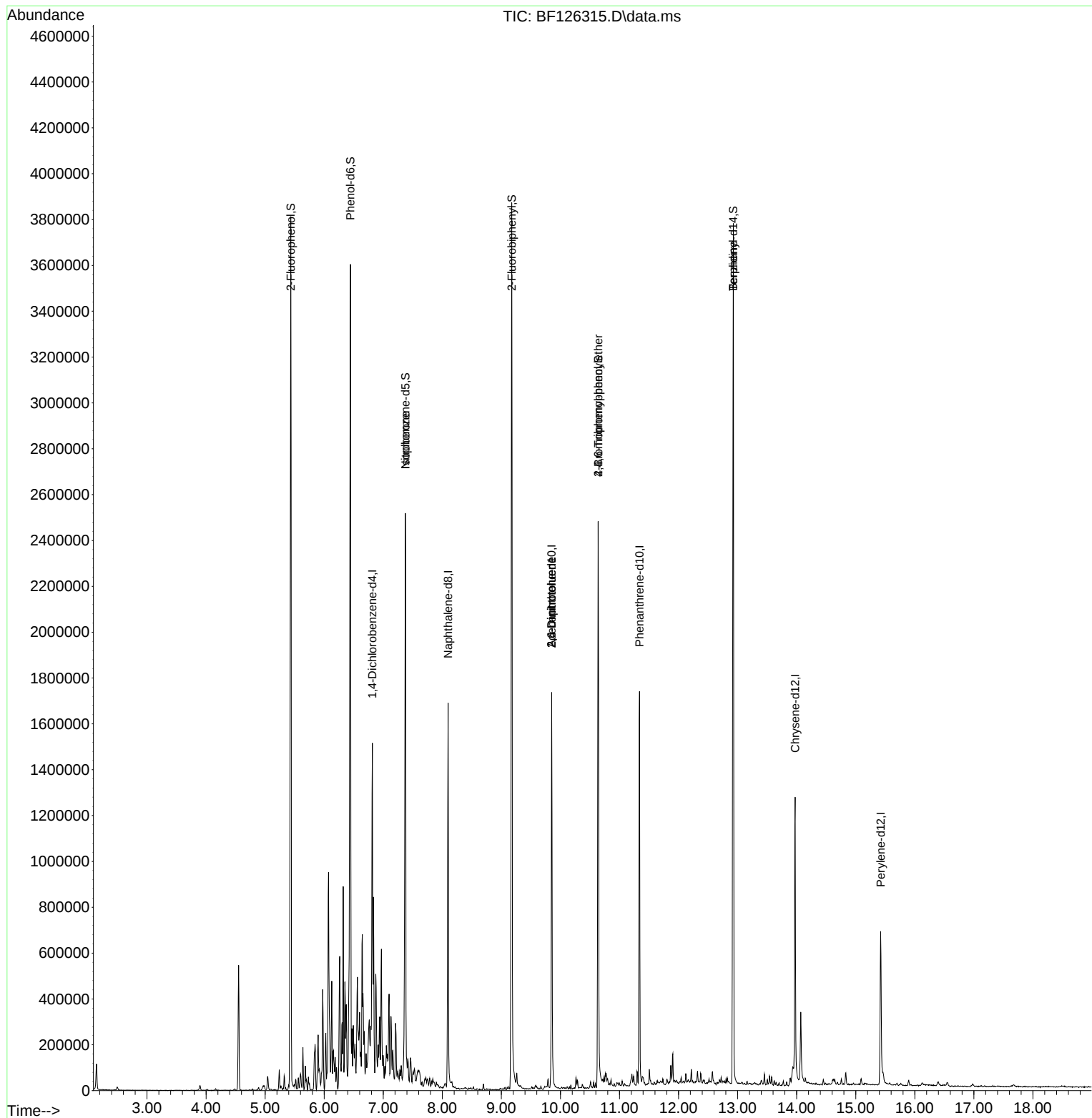
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	180125	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	817795	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	398513	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	661798	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	460224	20.000	ng	0.00
86) Perylene-d12	15.421	264	343335	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1197810	97.929	ng	0.01
7) Phenol-d6	6.445	99	1517811	97.730	ng	0.00
23) Nitrobenzene-d5	7.375	82	1012013	67.021	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	343360	107.212	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1435921	63.196	ng	0.00
79) Terphenyl-d14	12.927	244	1346842	50.866	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.375	82	955432	33.507	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	51694	9.461	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	51695	7.417	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	17647	2.841	ng	# 1
77) Benzidine	12.927	184	16939	2.335	ng	# 94

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

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QLast Update : Thu Dec 16 12:22:48 2021
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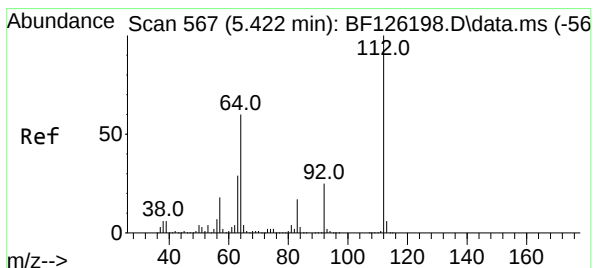
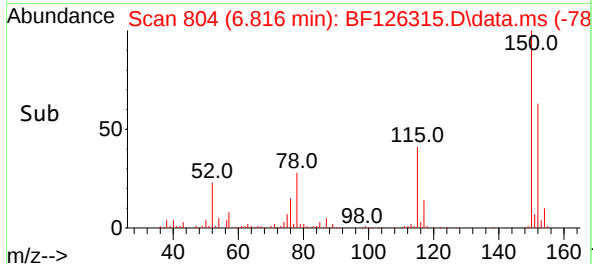
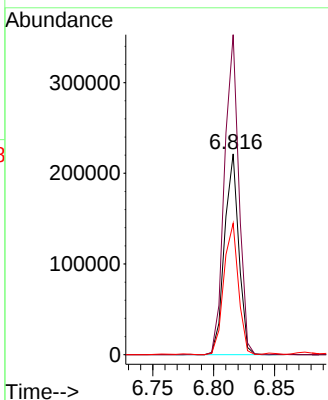
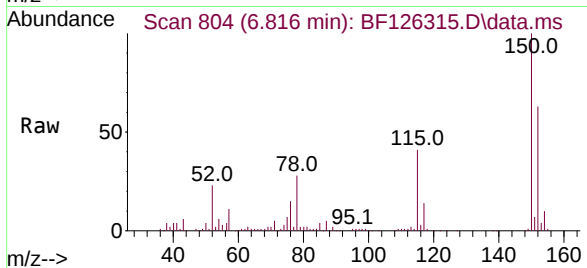




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

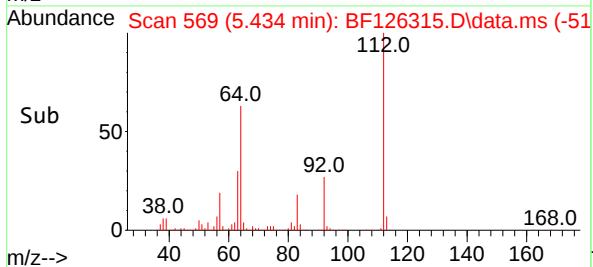
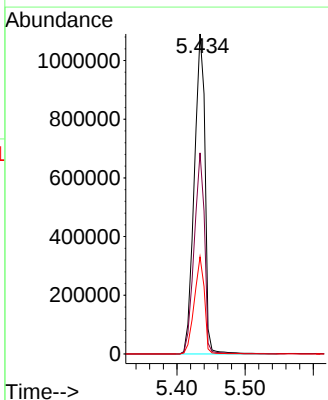
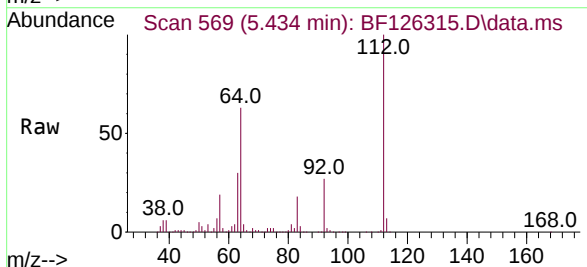
Instrument :
BNA_F
ClientSampleId :

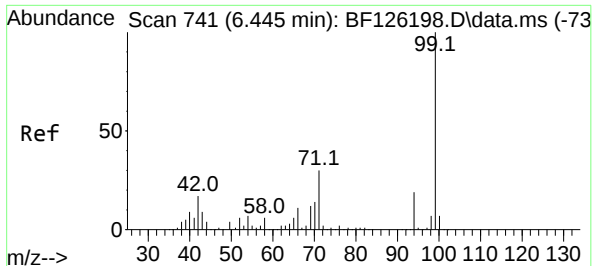
Tgt Ion:152 Resp: 180125
Ion Ratio Lower Upper
152 100
150 159.4 117.6 176.4
115 65.5 47.1 70.7



#5
2-Fluorophenol
Concen: 97.929 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

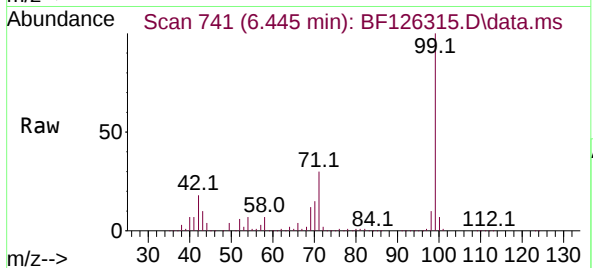
Tgt Ion:112 Resp: 1197810
Ion Ratio Lower Upper
112 100
64 62.8 44.2 66.2
63 30.3 26.2 39.2



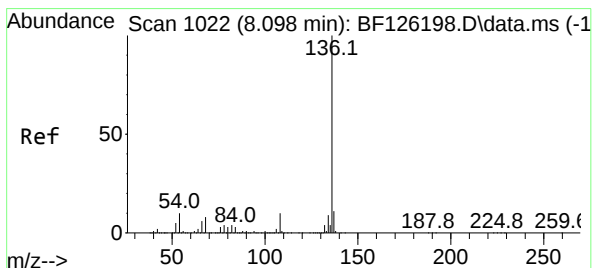
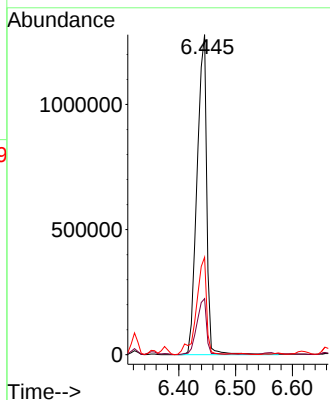
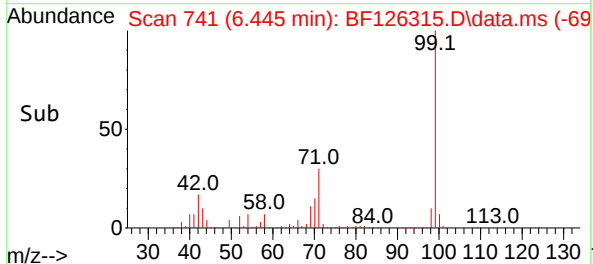


#7
Phenol-d6
Concen: 97.730 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

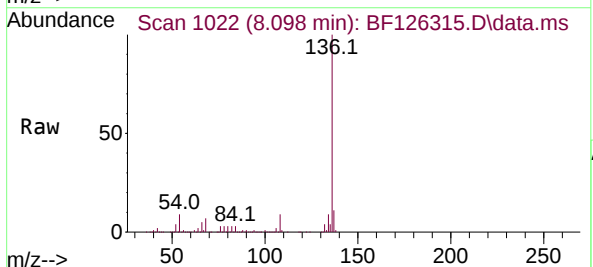
Instrument :
BNA_F
ClientSampleId :



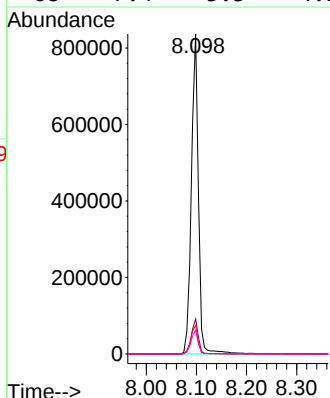
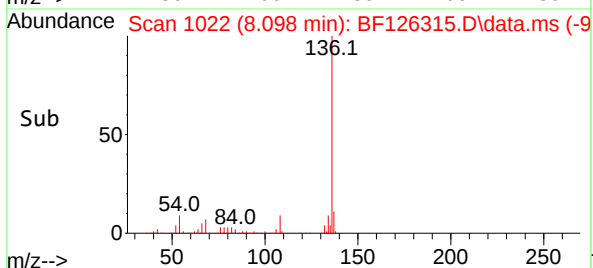
Tgt Ion: 99 Resp: 1517811
Ion Ratio Lower Upper
99 100
42 17.5 23.5 35.3#
71 30.5 25.6 38.4

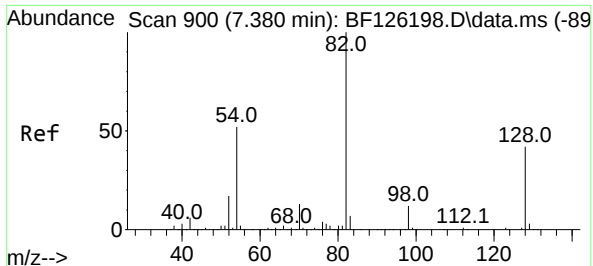


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56



Tgt Ion:136 Resp: 817795
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 8.9 6.4 9.6
68 7.4 3.3 4.9#

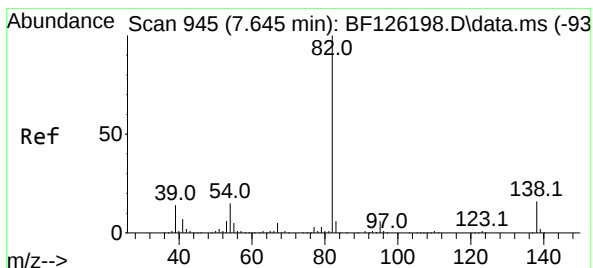
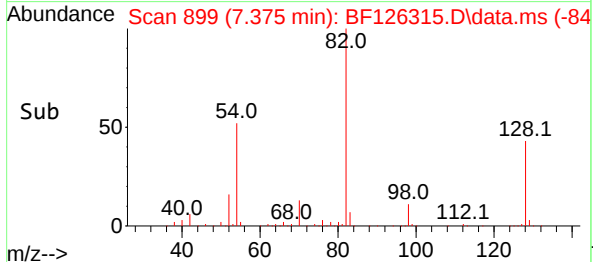
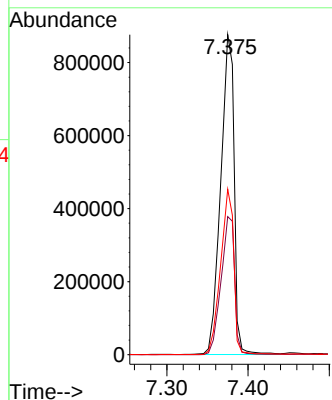
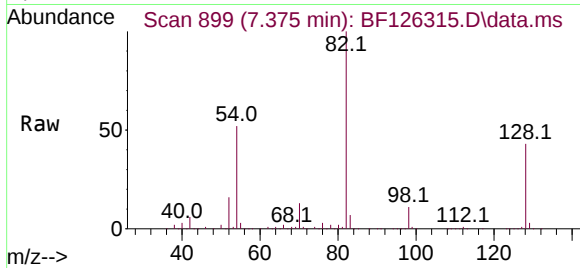




#23
Nitrobenzene-d5
Concen: 67.021 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

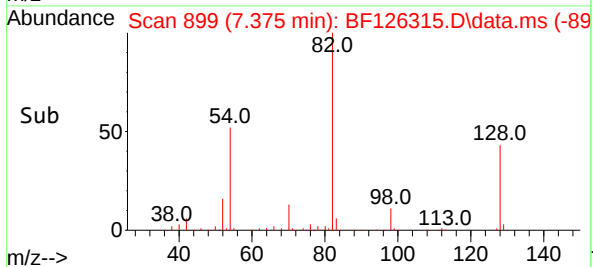
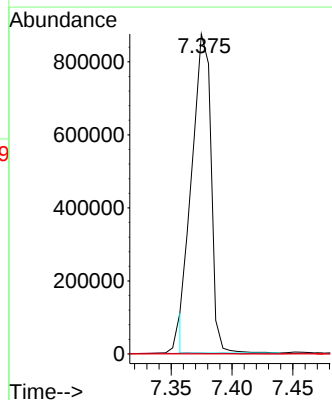
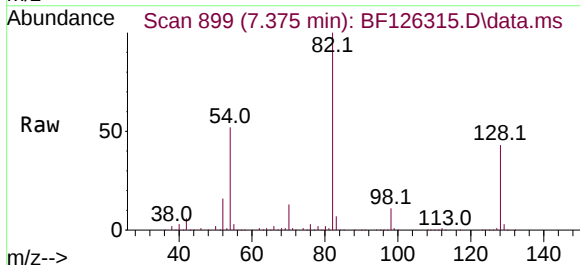
Instrument :
BNA_F
ClientSampleId :

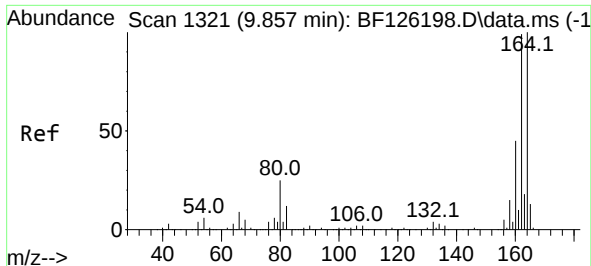
Tgt Ion: 82 Resp: 1012013
Ion Ratio Lower Upper
82 100
128 43.1 40.6 60.8
54 51.7 49.6 74.4



#25
Isophorone
Concen: 33.507 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Tgt Ion: 82 Resp: 955432
Ion Ratio Lower Upper
82 100
95 0.2 6.5 9.7#
138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126315.D

Acq: 22 Dec 2021 00:56

Instrument :

BNA_F

ClientSampleId :

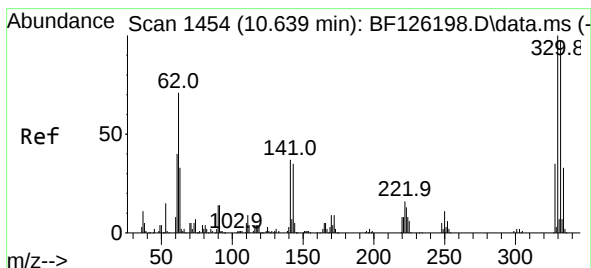
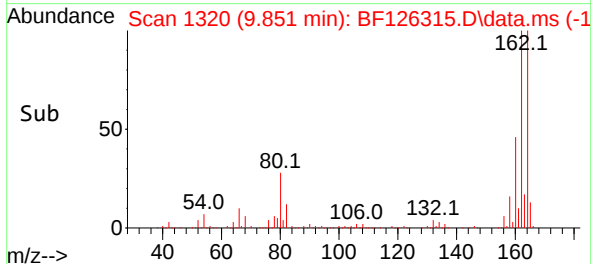
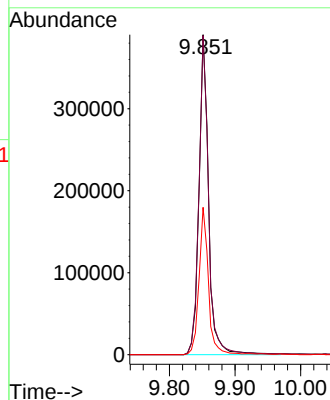
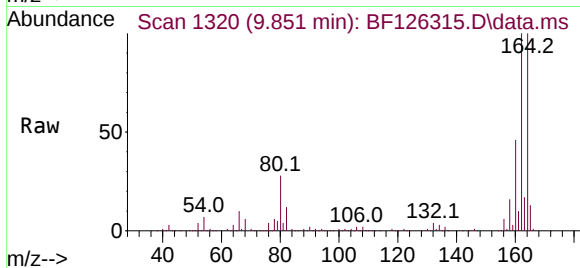
Tgt Ion:164 Resp: 398513

Ion Ratio Lower Upper

164 100

162 99.8 81.3 121.9

160 46.1 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 107.212 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126315.D

Acq: 22 Dec 2021 00:56

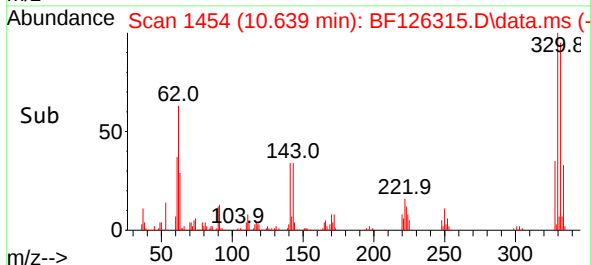
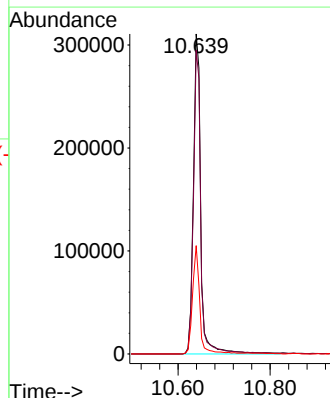
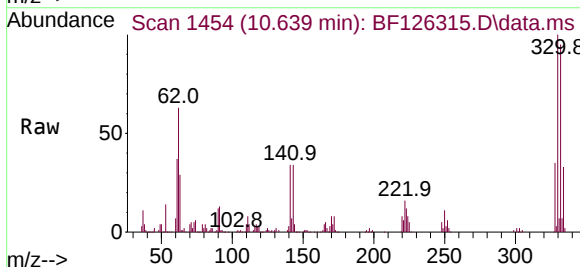
Tgt Ion:330 Resp: 343360

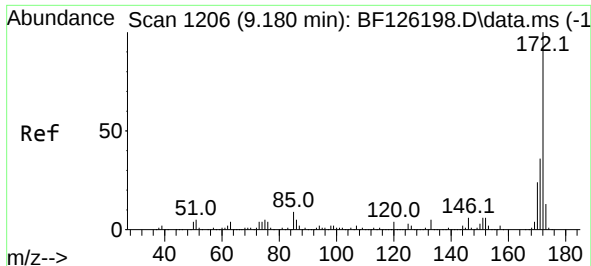
Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

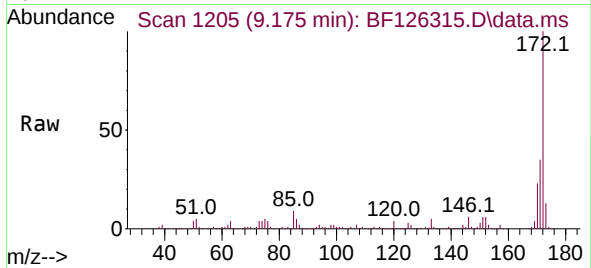
141 33.1 44.6 66.8#



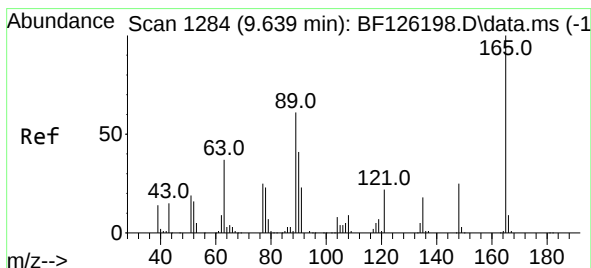
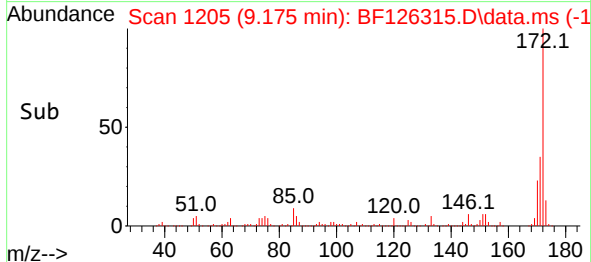
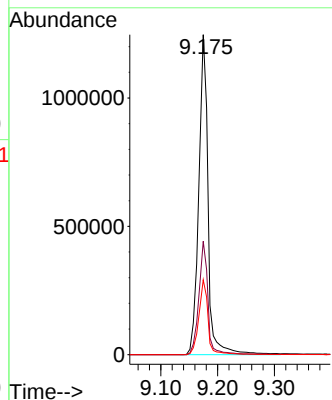


#45
2-Fluorobiphenyl
Concen: 63.196 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Instrument :
BNA_F
ClientSampleId :

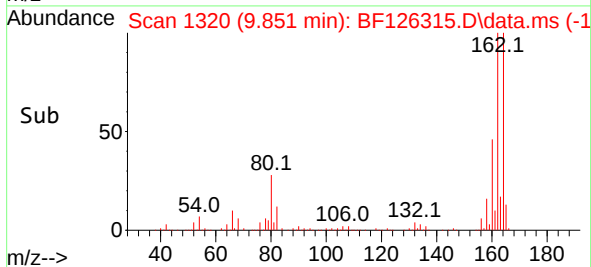
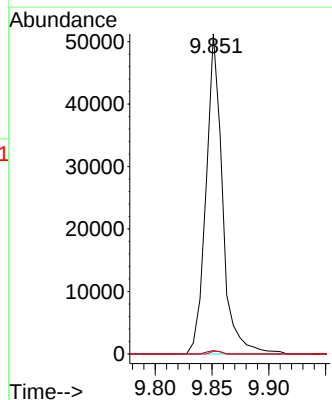
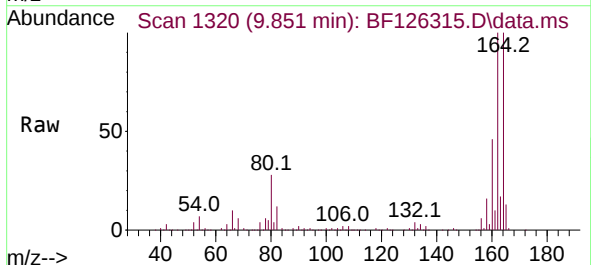


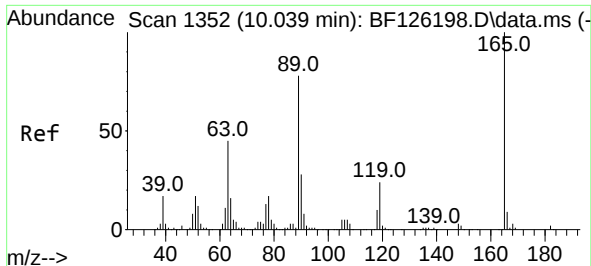
Tgt Ion:172 Resp: 1435921
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.461 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

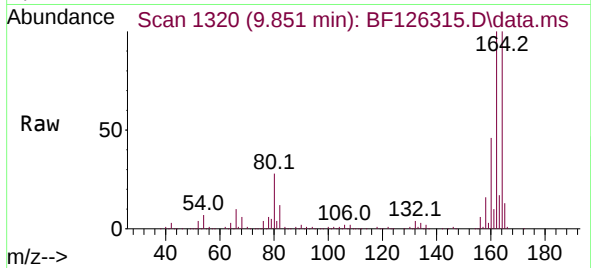
Tgt Ion:165 Resp: 51694
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#



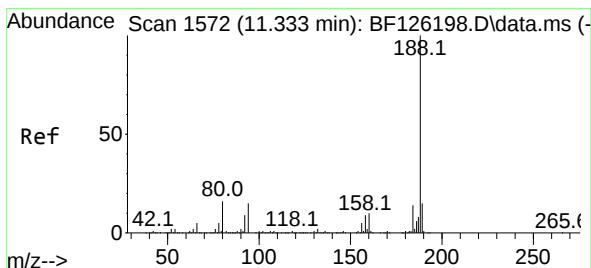
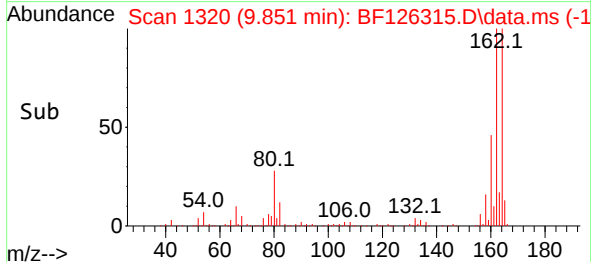
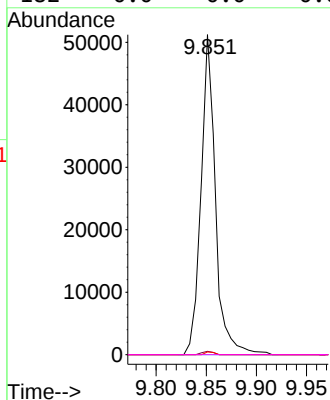


#57
2,4-Dinitrotoluene
Concen: 7.417 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Instrument :
BNA_F
ClientSampleId :

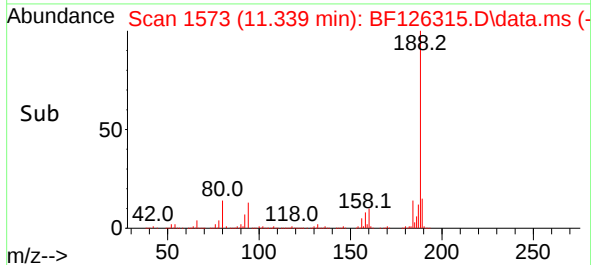
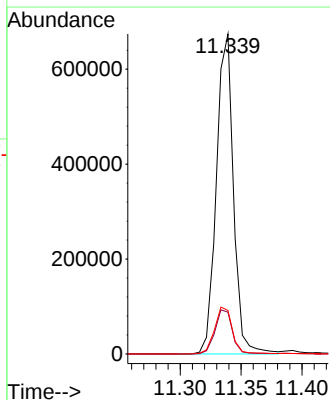
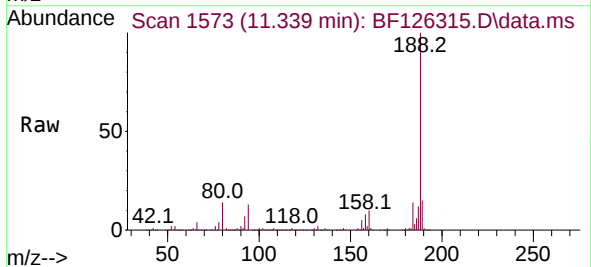


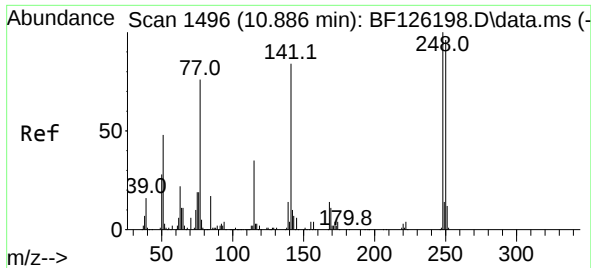
Tgt Ion:165 Resp: 51695
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

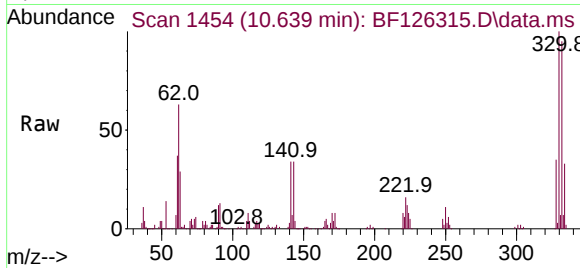
Tgt Ion:188 Resp: 661798
Ion Ratio Lower Upper
188 100
94 13.1 6.7 10.1#
80 13.6 7.5 11.3#



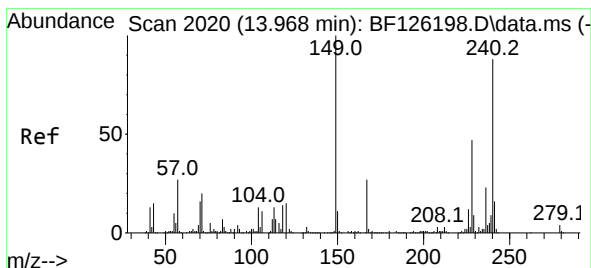
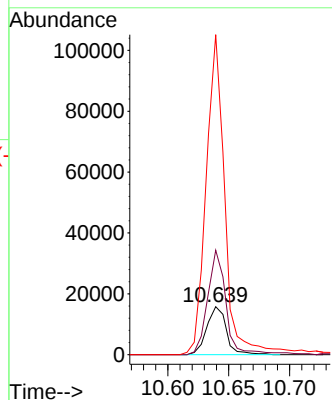
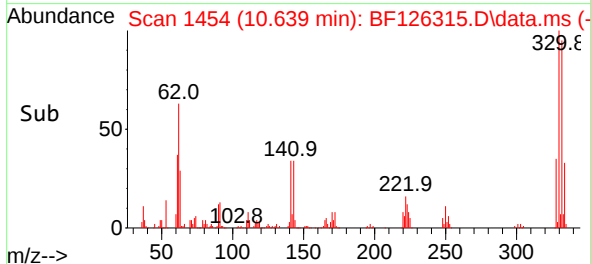


#67
4-Bromophenyl-phenylether
Concen: 2.841 ng
RT: 10.639 min Scan# 1496
Delta R.T. -0.247 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

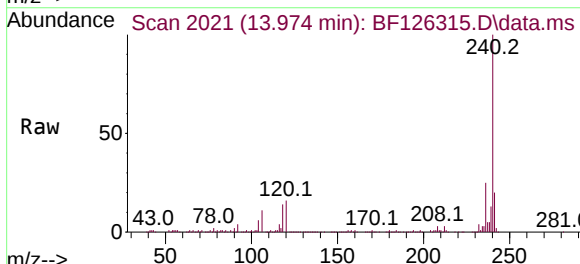
Instrument :
BNA_F
ClientSampleId :



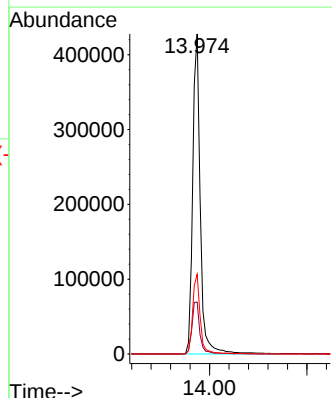
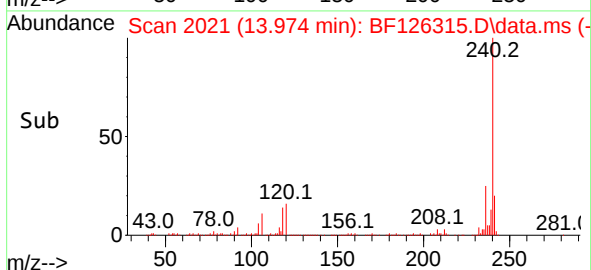
Tgt Ion:248 Resp: 17647
Ion Ratio Lower Upper
248 100
250 217.3 74.2 111.4#
141 665.8 60.4 90.6#

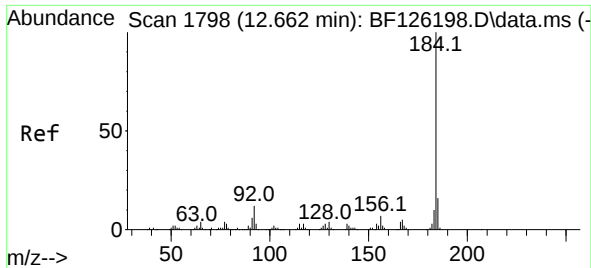


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56



Tgt Ion:240 Resp: 460224
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2
236 24.9 21.6 32.4

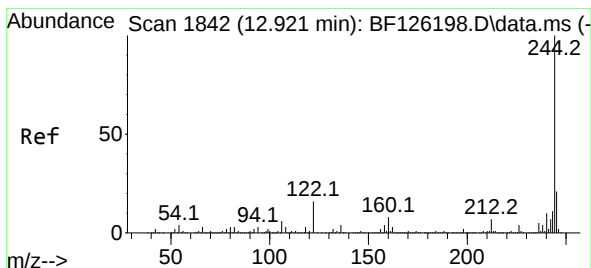
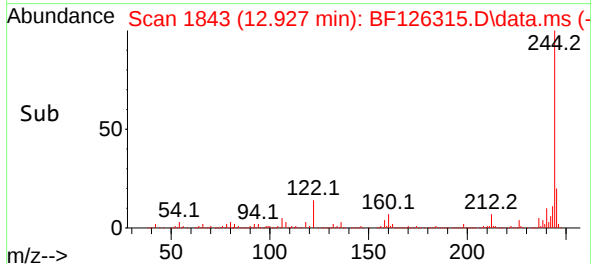
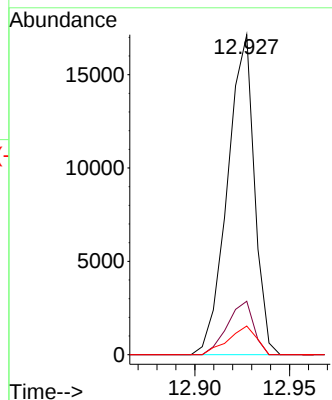
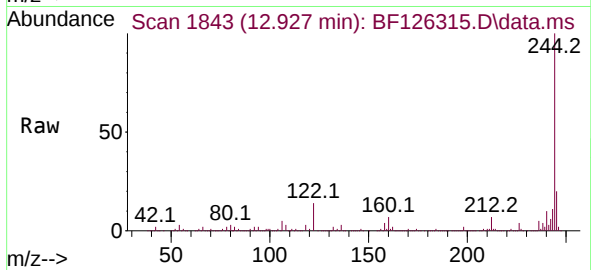




#77
Benzidine
Concen: 2.335 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

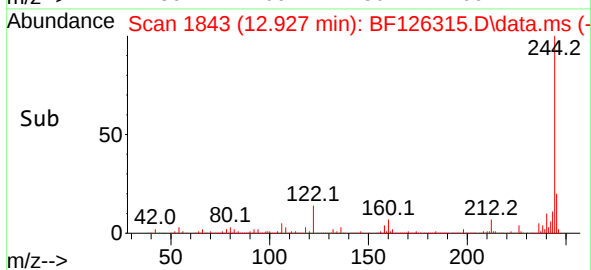
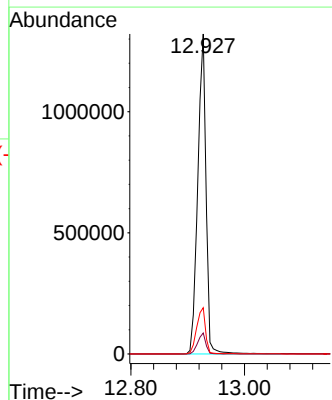
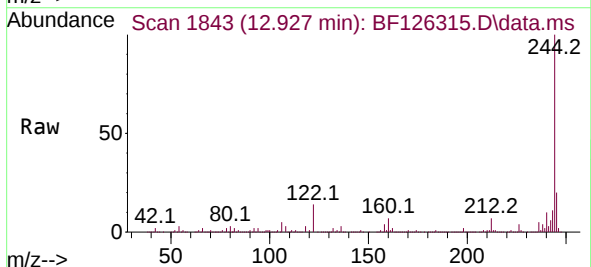
Instrument :
BNA_F
ClientSampleId :

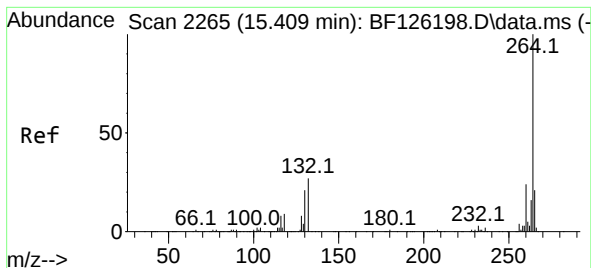
Tgt Ion:184 Resp: 16939
Ion Ratio Lower Upper
184 100
185 16.7 10.8 16.2#
183 8.9 8.1 12.1



#79
Terphenyl-d14
Concen: 50.866 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126315.D
Acq: 22 Dec 2021 00:56

Tgt Ion:244 Resp: 1346842
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 14.5 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. 0.012 min

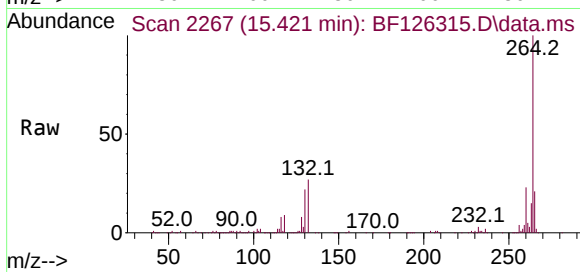
Lab File: BF126315.D

Acq: 22 Dec 2021 00:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 343335

Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 21.1 17.2 25.8

