

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126208.D
 Acq On : 16 Dec 2021 13:08
 Operator : JU/CG
 Sample : M4919-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 13:54:10 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)

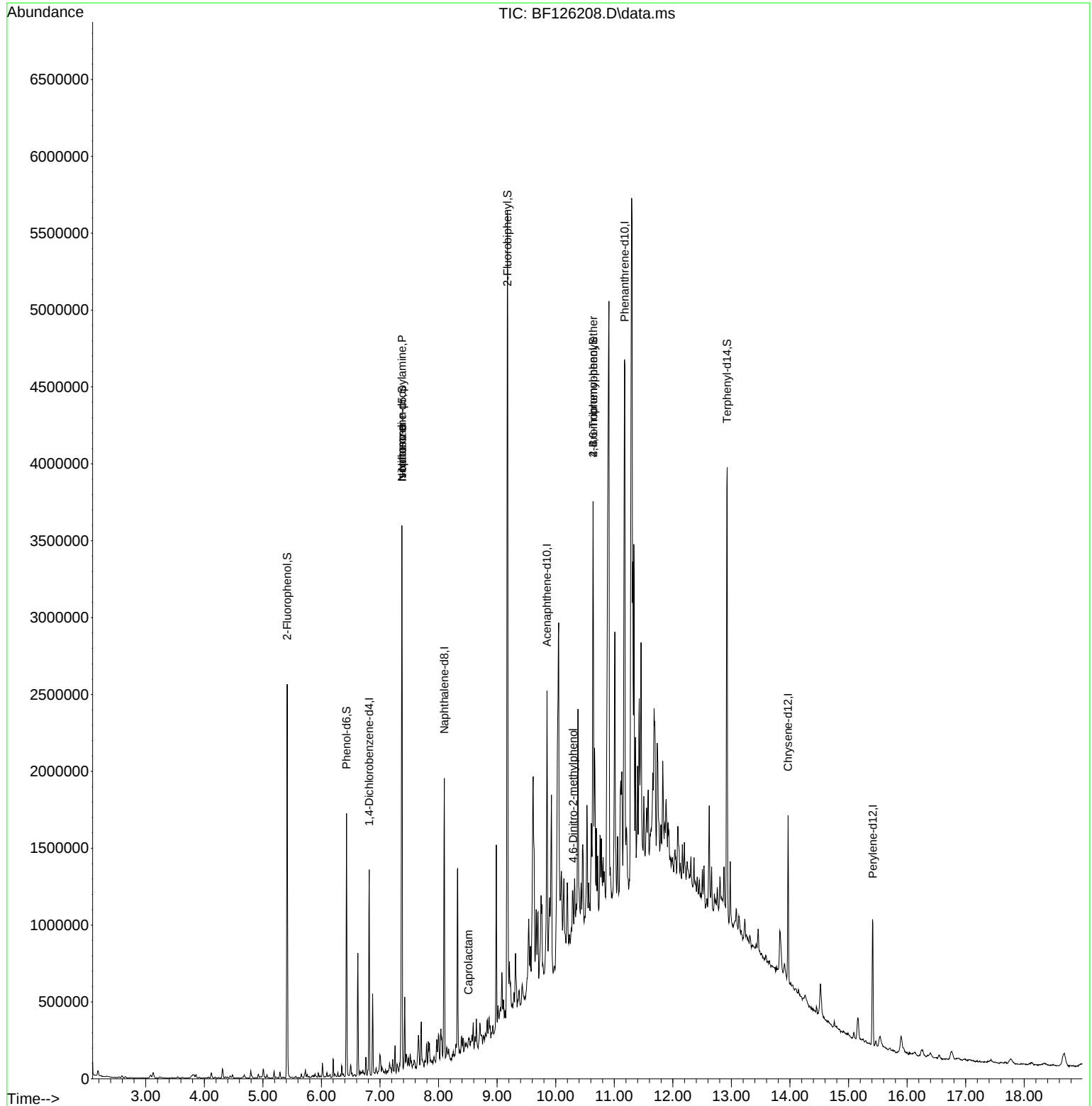
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	179769	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	754662	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	347049	20.000	ng	0.00
64) Phenanthrene-d10	11.180	188	38414	20.000	ng	-0.15
76) Chrysene-d12	13.968	240	335023	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	341115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	689628	56.494	ng	0.00
7) Phenol-d6	6.428	99	533735	34.434	ng	-0.02
23) Nitrobenzene-d5	7.375	82	1267903	90.992	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	338429	121.342	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1686569	85.234	ng	0.00
79) Terphenyl-d14	12.927	244	1108939	57.532	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	164062	17.242	ng	# 57
25) Isophorone	7.375	82	1218745	46.317	ng	# 59
35) Caprolactam	8.510	113	25454	10.820	ng	# 30
65) 4,6-Dinitro-2-methylph...	10.298	198	686	3.270	ng	# 1
67) 4-Bromophenyl-phenylether	10.639	248	18122	50.266	ng	# 1

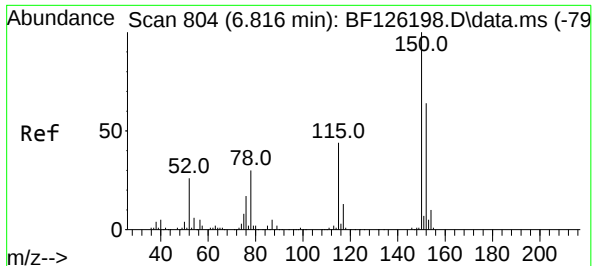
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_F
ClientSampleId :

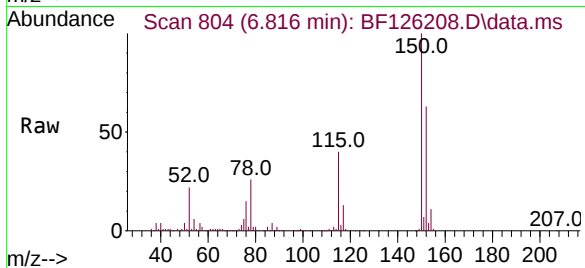
Quant Time: Dec 16 13:54:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



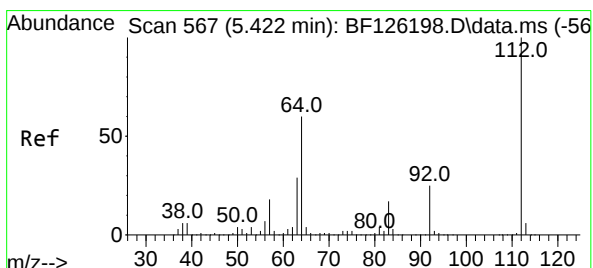
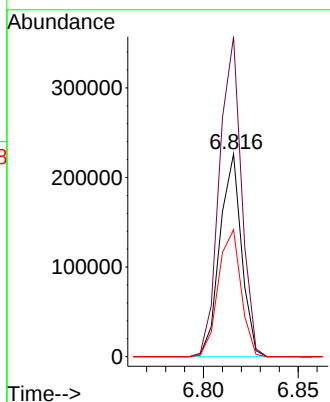
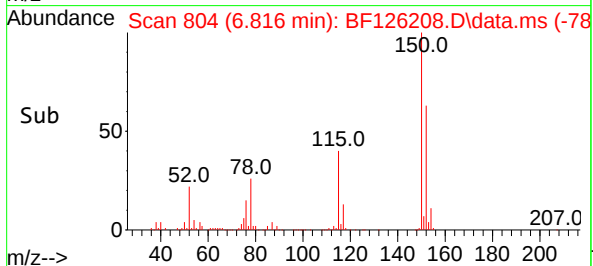


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

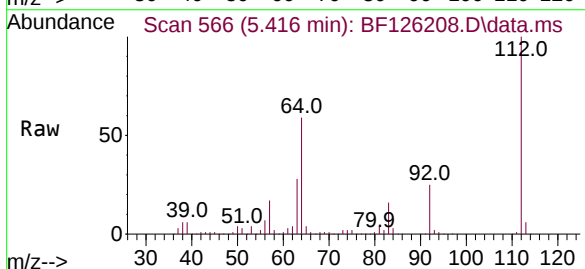
Instrument :
BNA_F
ClientSampleId :



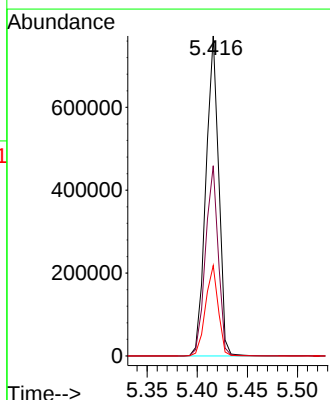
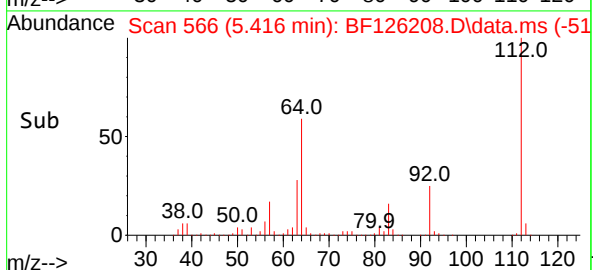
Tgt Ion:152 Resp: 179769
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 62.6 47.1 70.7

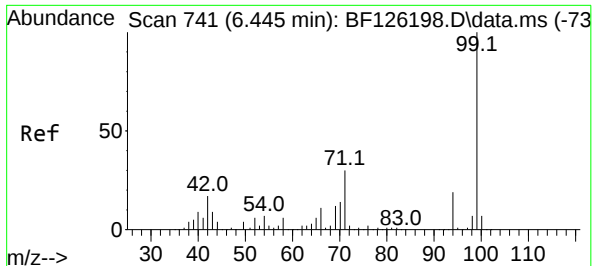


#5
2-Fluorophenol
Concen: 56.494 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08



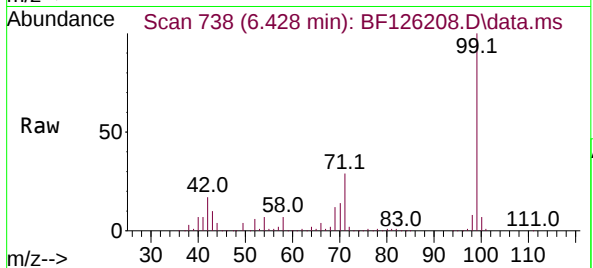
Tgt Ion:112 Resp: 689628
Ion Ratio Lower Upper
112 100
64 59.5 44.2 66.2
63 28.2 26.2 39.2



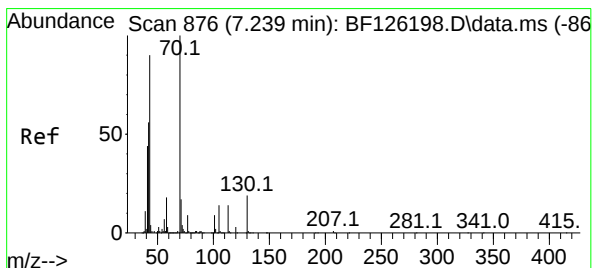
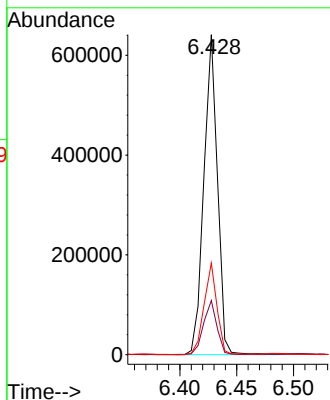
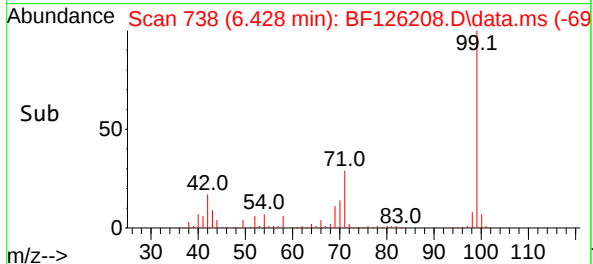


#7
Phenol-d6
Concen: 34.434 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

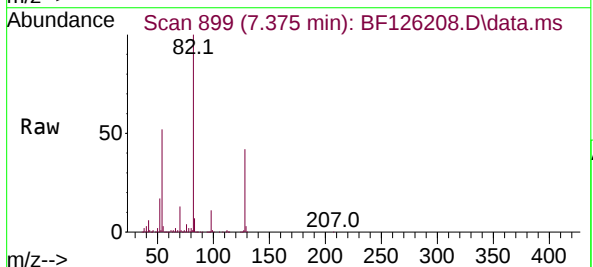
Instrument :
BNA_F
ClientSampleId :



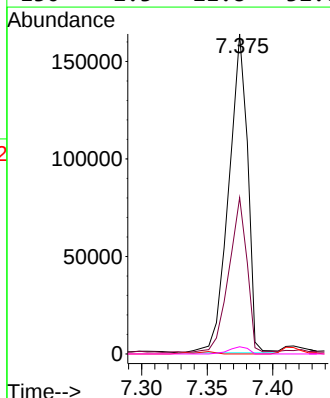
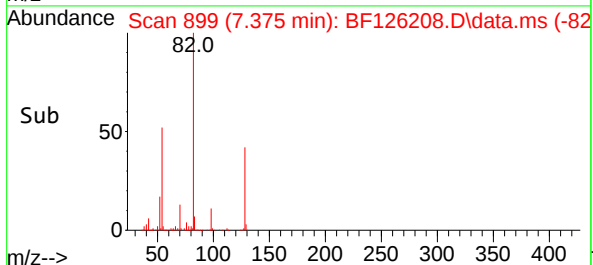
Tgt Ion: 99 Resp: 533735
Ion Ratio Lower Upper
99 100
42 16.9 23.5 35.3#
71 28.7 25.6 38.4

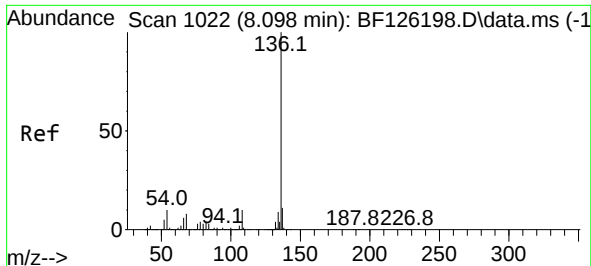


#19
n-Nitroso-di-n-propylamine
Concen: 17.242 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08



Tgt Ion: 70 Resp: 164062
Ion Ratio Lower Upper
70 100
42 48.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

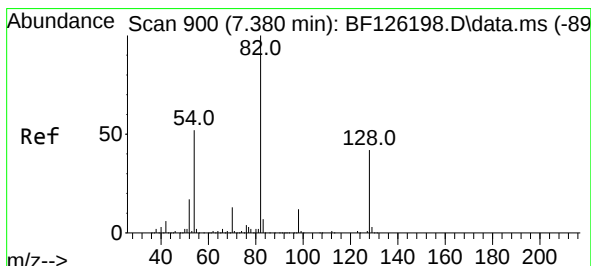
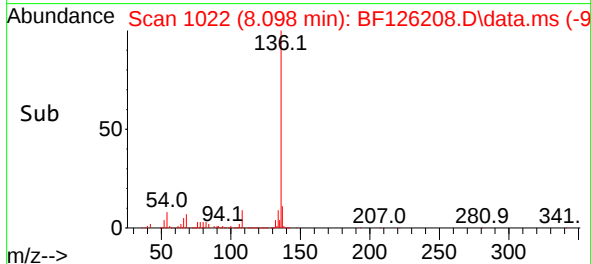
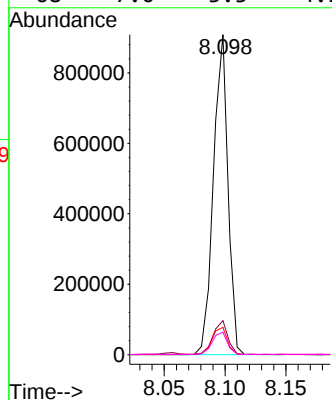
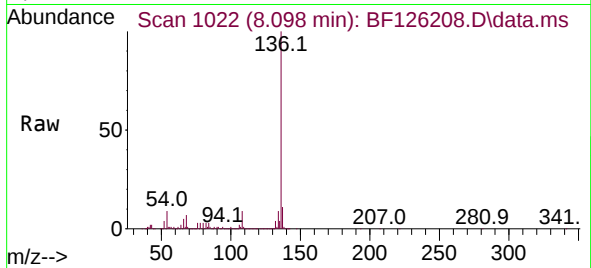




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

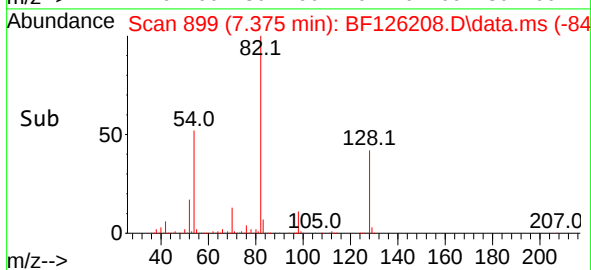
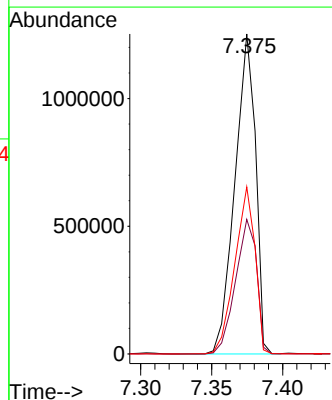
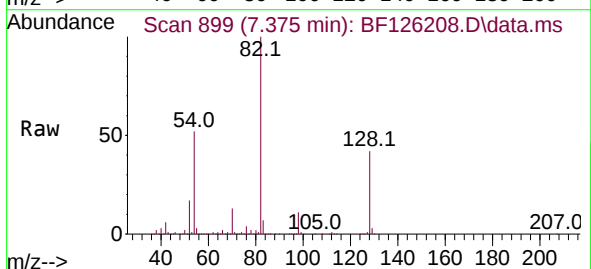
Instrument :
BNA_F
ClientSampleId :

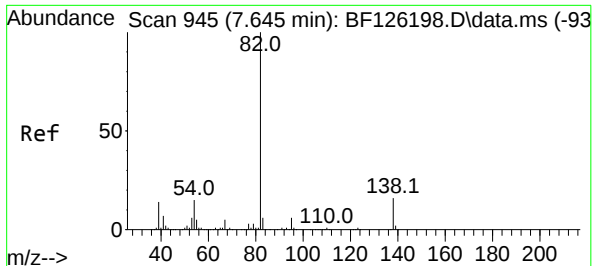
Tgt Ion:136 Resp: 754662
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.6 6.4 9.6
68 7.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 90.992 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

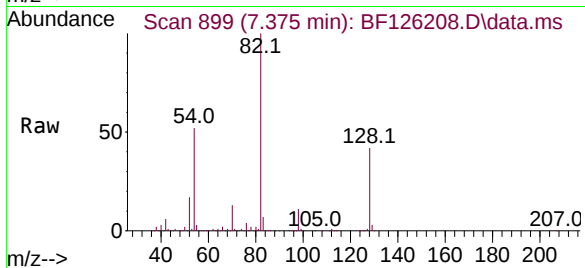
Tgt Ion: 82 Resp: 1267903
Ion Ratio Lower Upper
82 100
128 42.1 40.6 60.8
54 52.2 49.6 74.4



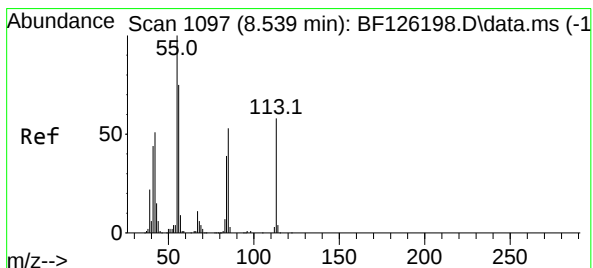
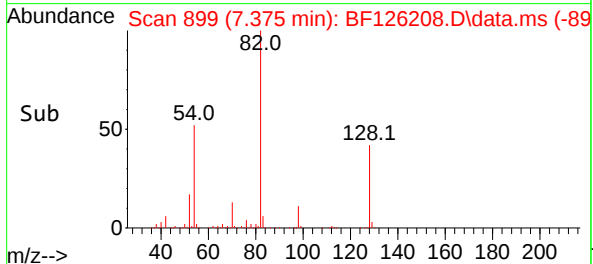
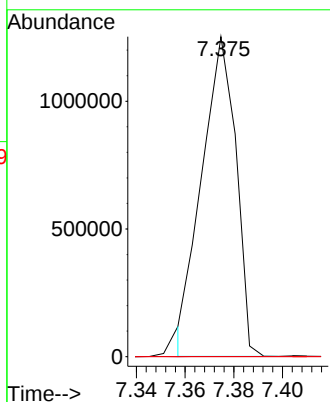


#25
Isophorone
Concen: 46.317 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

Instrument :
BNA_F
ClientSampleId :

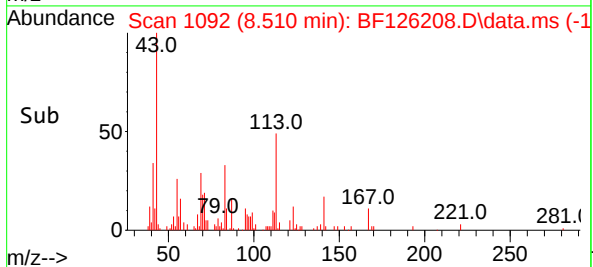
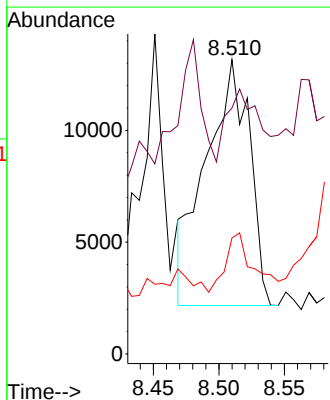
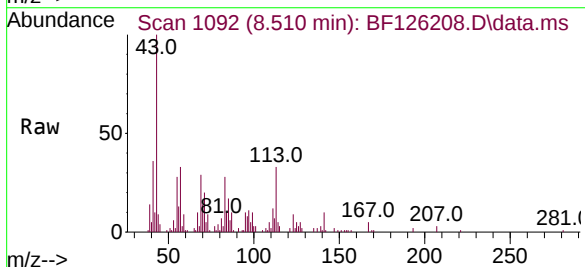


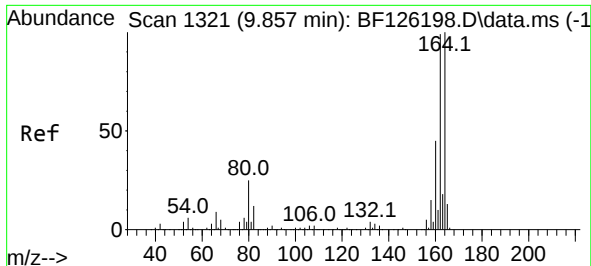
Tgt Ion: 82 Resp: 1218745
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#35
Caprolactam
Concen: 10.820 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.029 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

Tgt Ion: 113 Resp: 25454
Ion Ratio Lower Upper
113 100
55 83.6 154.1 194.1#
56 39.4 108.7 148.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126208.D

Acq: 16 Dec 2021 13:08

Instrument :

BNA_F

ClientSampleId :

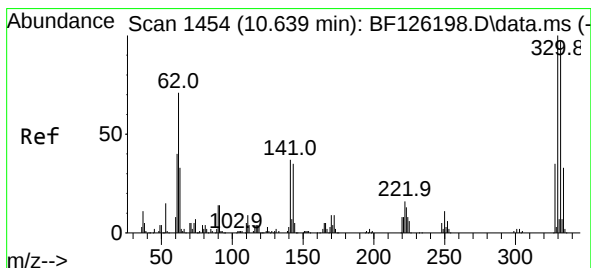
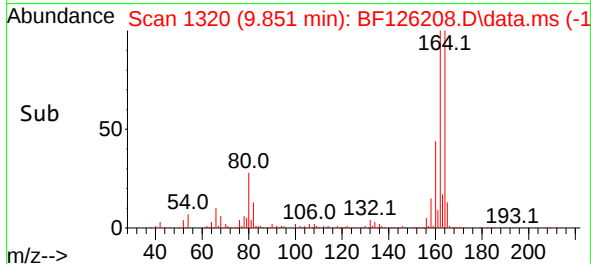
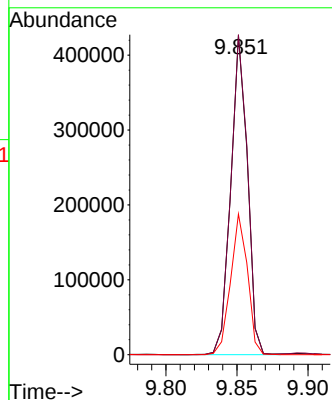
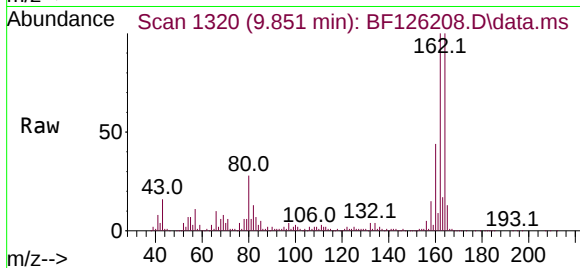
Tgt Ion:164 Resp: 347049

Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

160 44.1 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 121.342 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126208.D

Acq: 16 Dec 2021 13:08

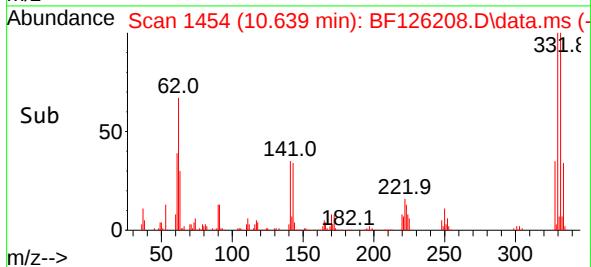
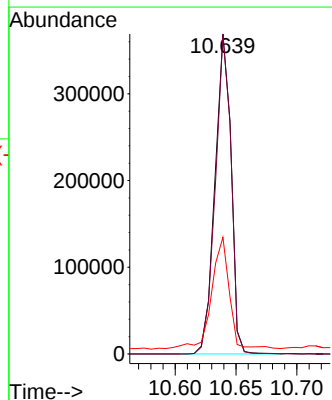
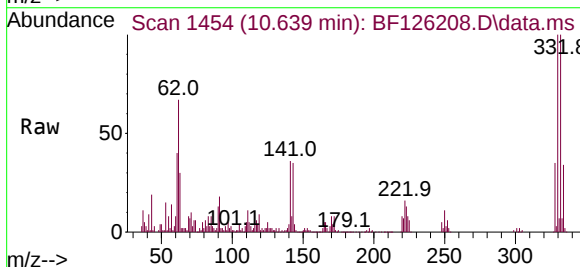
Tgt Ion:330 Resp: 338429

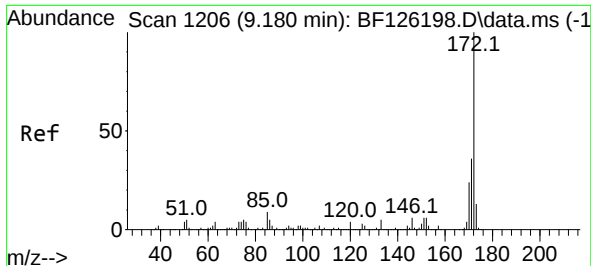
Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

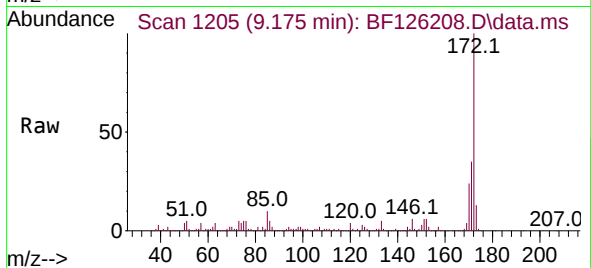
141 38.8 44.6 66.8#



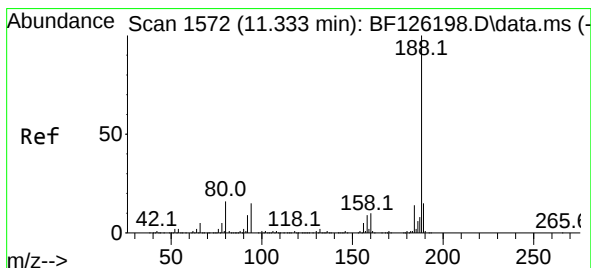
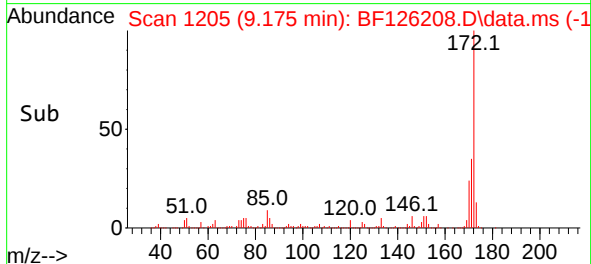
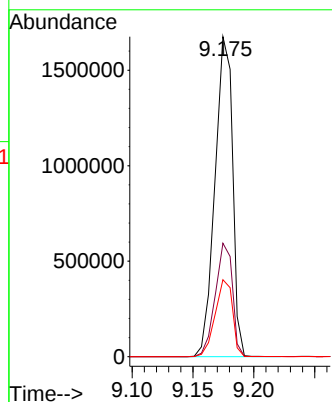


#45
2-Fluorobiphenyl
Concen: 85.234 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

Instrument :
BNA_F
ClientSampleId :

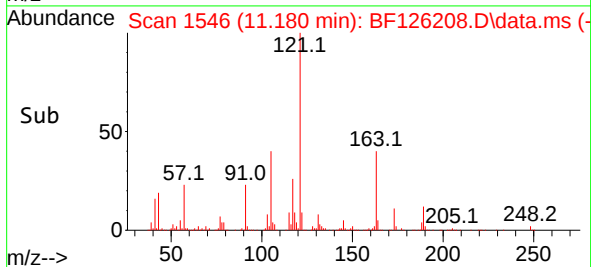
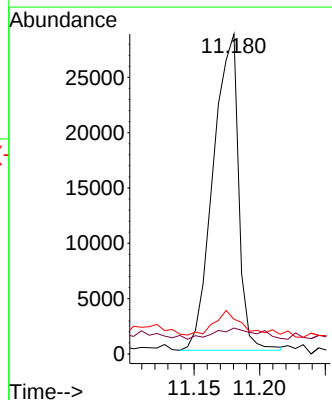
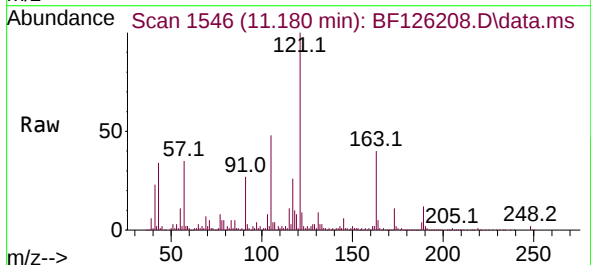


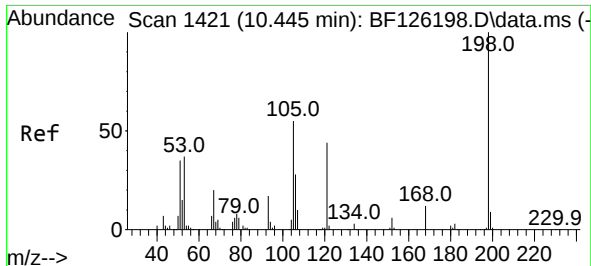
Tgt Ion:172 Resp: 1686569
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.1 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.153 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

Tgt Ion:188 Resp: 38414
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 10.9 7.5 11.3

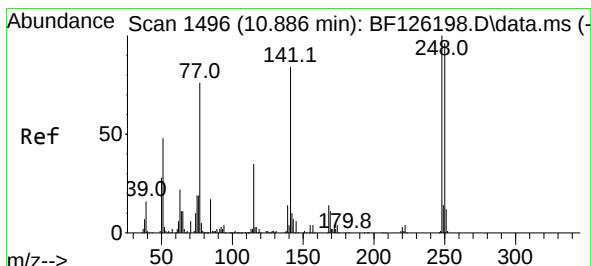
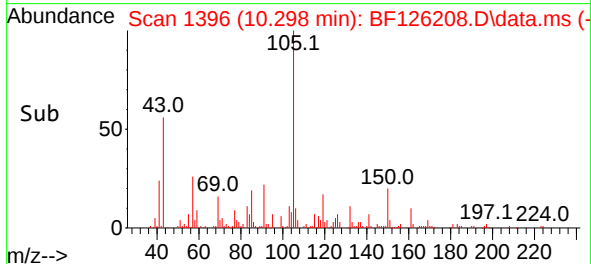
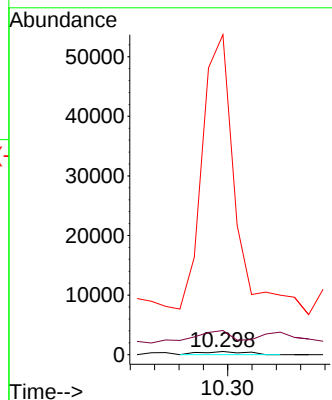
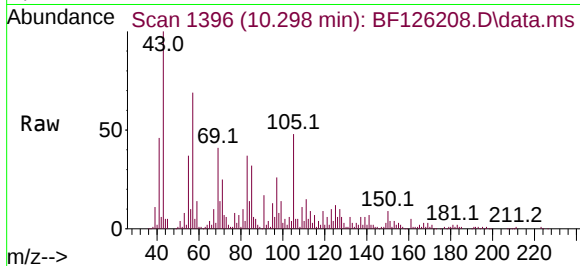




#65
4,6-Dinitro-2-methylphenol
Concen: 3.270 ng
RT: 10.298 min Scan# 11
Delta R.T. -0.147 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

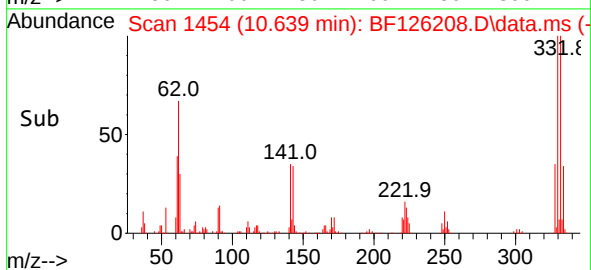
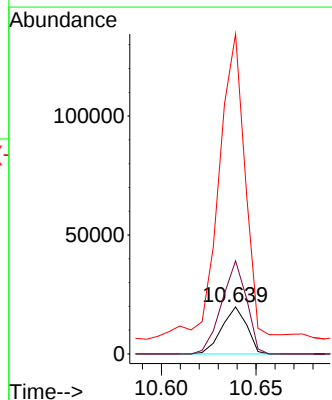
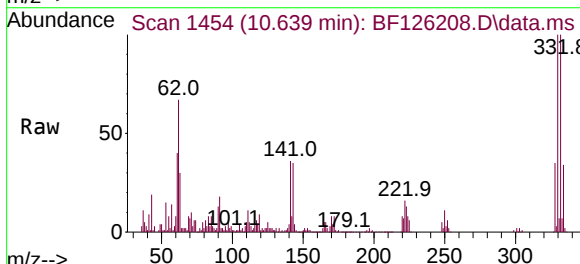
Instrument :
BNA_F
ClientSampleId :

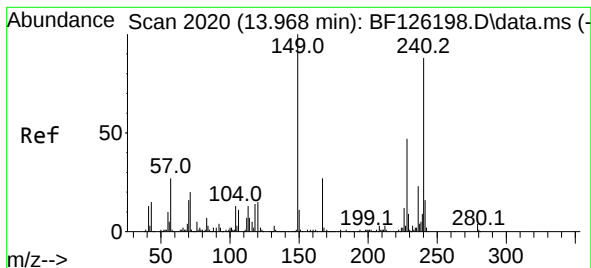
Tgt Ion:198 Resp: 686
Ion Ratio Lower Upper
198 100
51 771.6 45.3 85.3#
105 10229.3 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 50.266 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126208.D
Acq: 16 Dec 2021 13:08

Tgt Ion:248 Resp: 18122
Ion Ratio Lower Upper
248 100
250 198.3 74.2 111.4#
141 681.1 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126208.D

Acq: 16 Dec 2021 13:08

Instrument :

BNA_F

ClientSampleId :

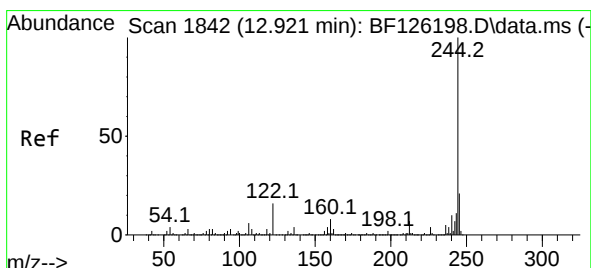
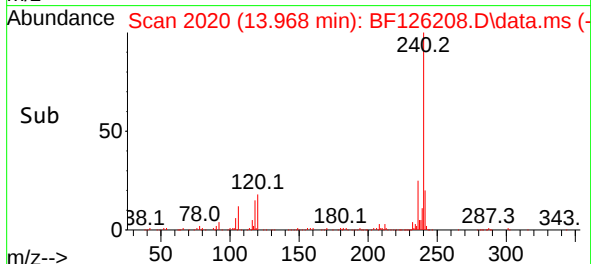
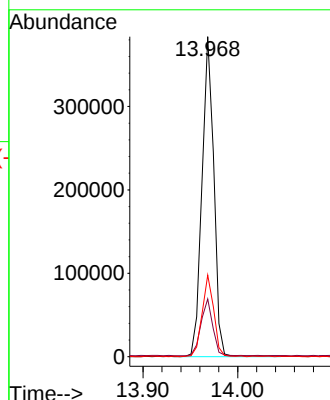
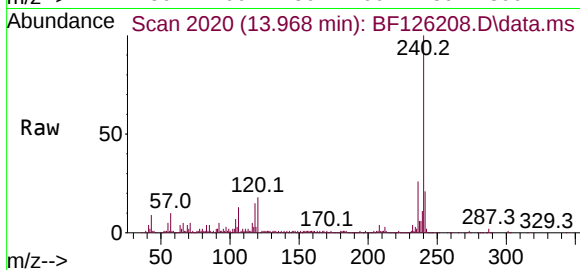
Tgt Ion:240 Resp: 335023

Ion Ratio Lower Upper

240 100

120 18.1 10.8 16.2#

236 25.5 21.6 32.4



#79

Terphenyl-d14

Concen: 57.532 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF126208.D

Acq: 16 Dec 2021 13:08

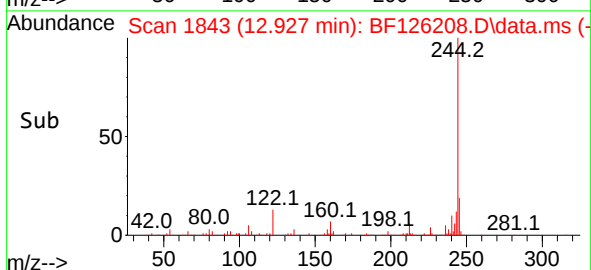
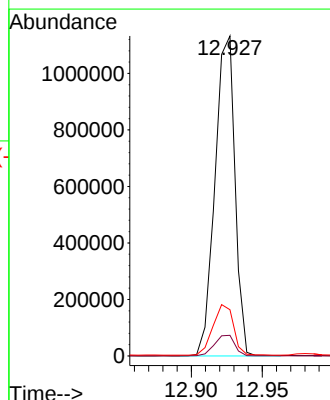
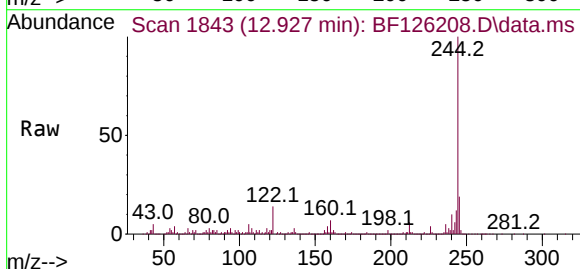
Tgt Ion:244 Resp: 1108939

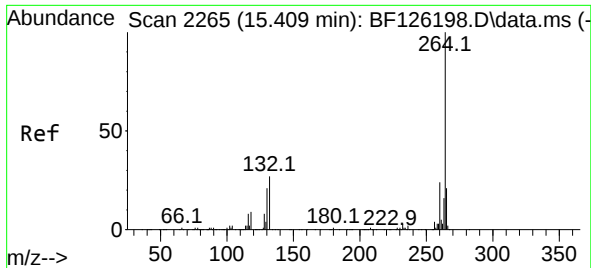
Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

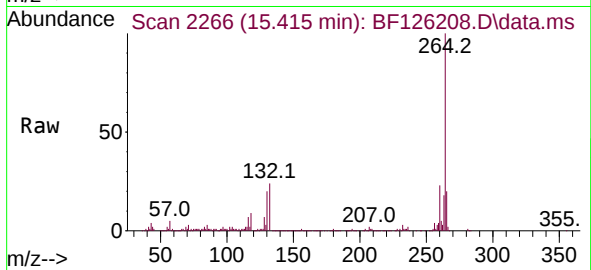
122 14.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126208.D
 Acq: 16 Dec 2021 13:08

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 341115
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.6 29.4
 265 20.1 17.2 25.8

