

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012822\
 Data File : BF126739.D
 Acq On : 29 Jan 2022 01:36
 Operator : CG/JU
 Sample : N1314-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012722

Quant Time: Jan 29 02:32:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

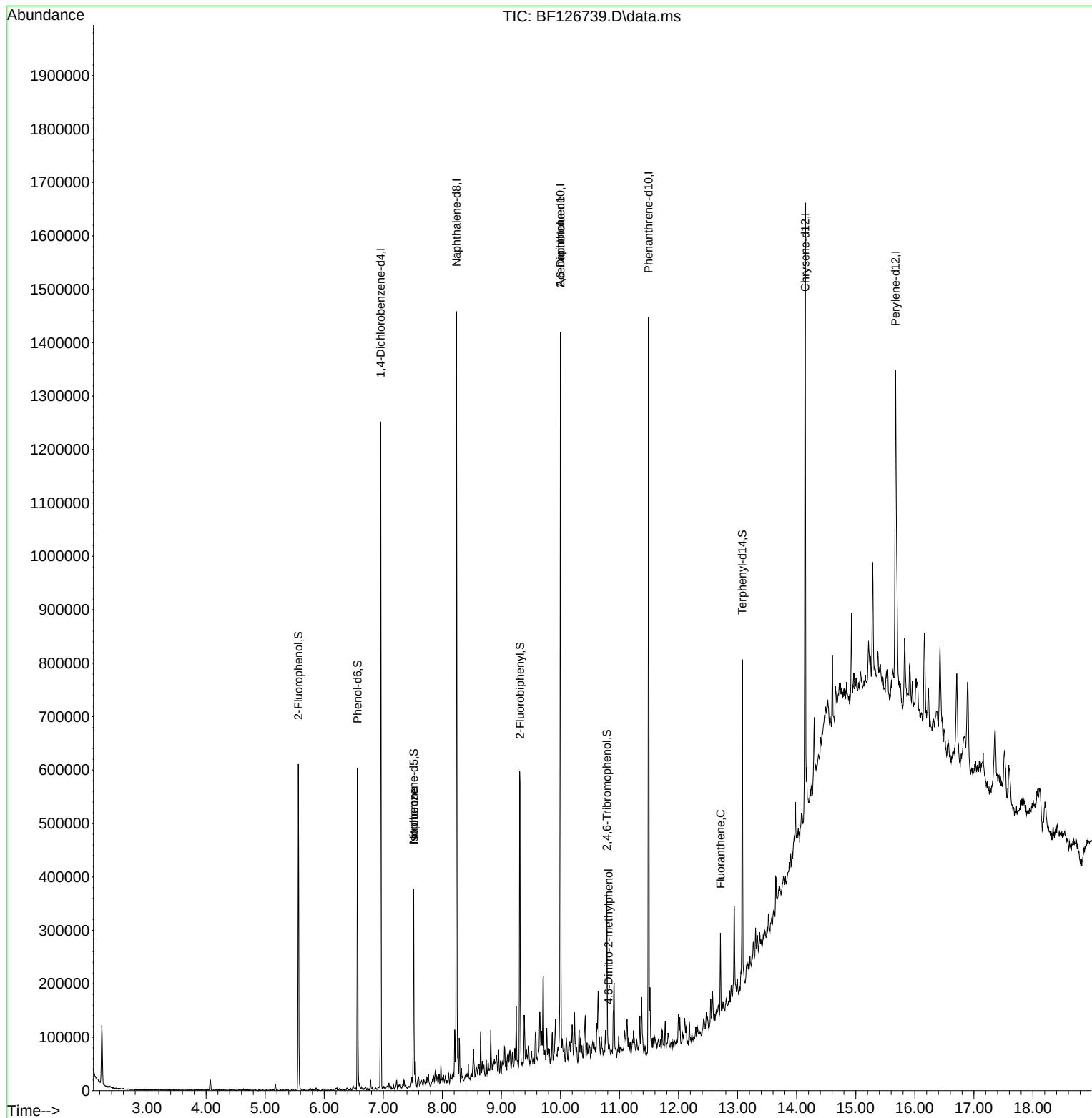
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	152178	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	512136	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	251029	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	425554	20.000	ng	0.00
76) Chrysene-d12	14.145	240	369900	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	269654	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	151221	13.076	ng	0.00
7) Phenol-d6	6.563	99	190479	11.855	ng	-0.01
23) Nitrobenzene-d5	7.516	82	121751	9.305	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	27646	11.768	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	161670	9.863	ng	0.00
79) Terphenyl-d14	13.080	244	180206	8.171	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	108	Below Cal	#	3
25) Isophorone	7.516	82	119655	4.715	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	32876	10.686	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.816	198	502	7.581	ng	# 1
75) Fluoranthene	12.710	202	48461	2.018	ng	96

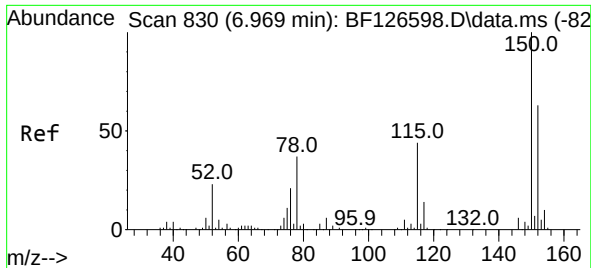
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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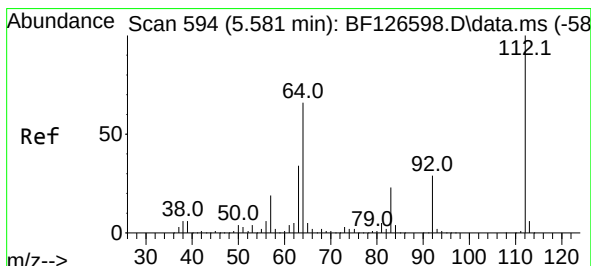
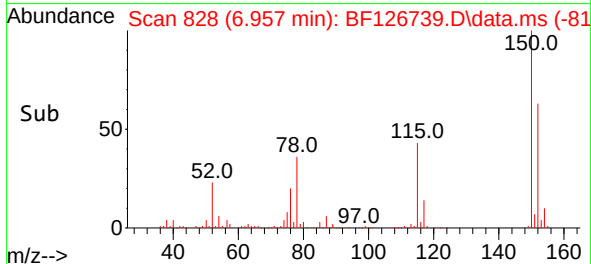
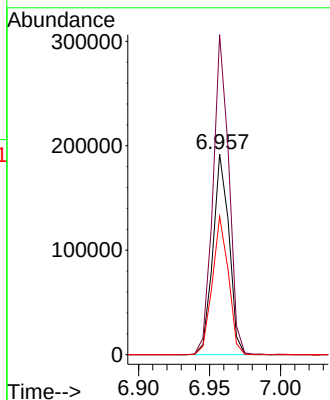
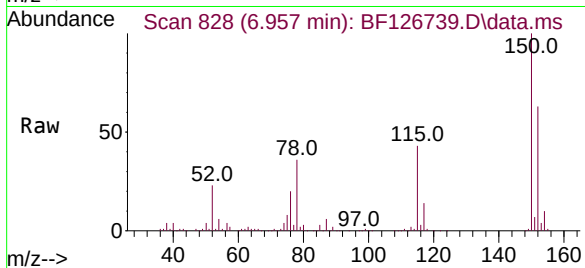




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126739.D
 Acq: 29 Jan 2022 01:36

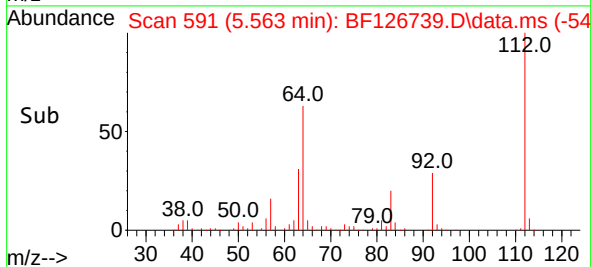
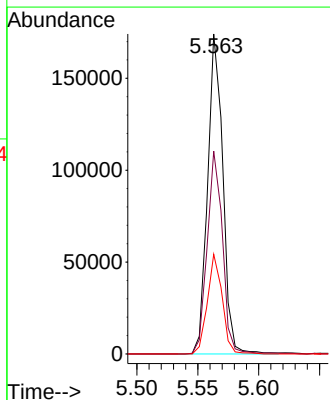
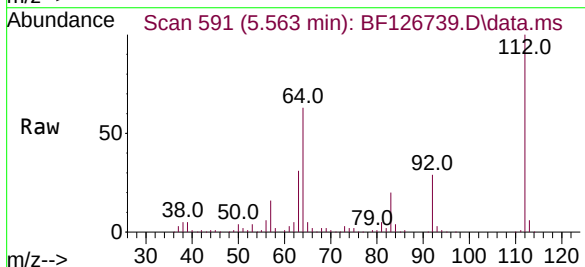
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-012722

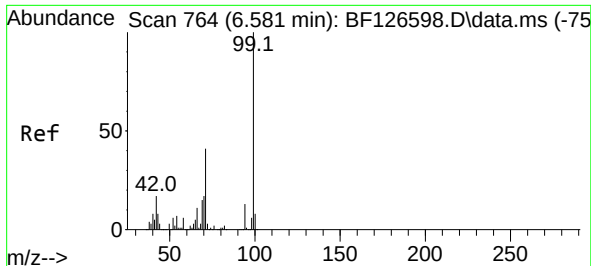
Tgt Ion:152 Resp: 152178
 Ion Ratio Lower Upper
 152 100
 150 159.5 128.1 192.1
 115 68.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 13.076 ng
 RT: 5.563 min Scan# 591
 Delta R.T. -0.006 min
 Lab File: BF126739.D
 Acq: 29 Jan 2022 01:36

Tgt Ion:112 Resp: 151221
 Ion Ratio Lower Upper
 112 100
 64 63.4 49.5 74.3
 63 31.1 23.9 35.9

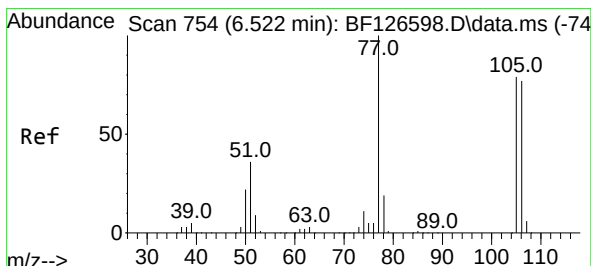
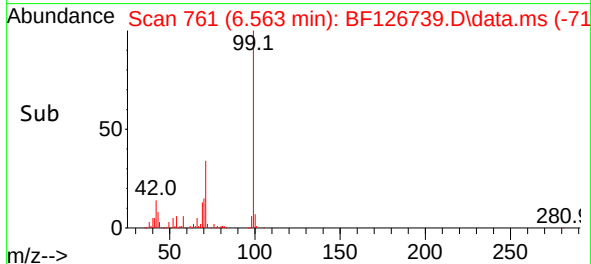
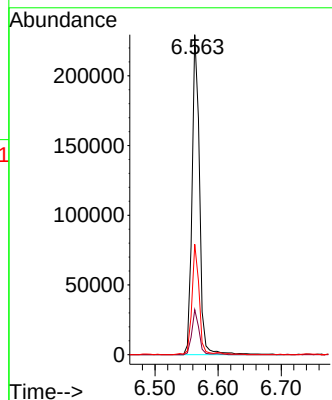
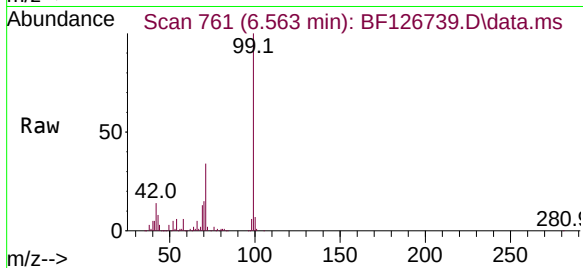




#7
Phenol-d6
Concen: 11.855 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.012 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

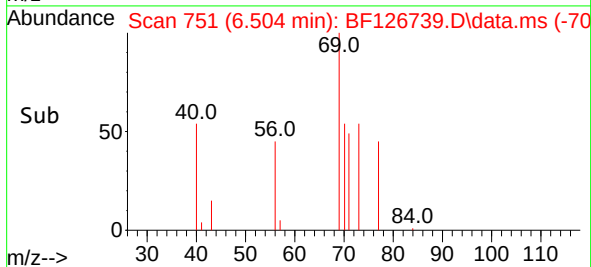
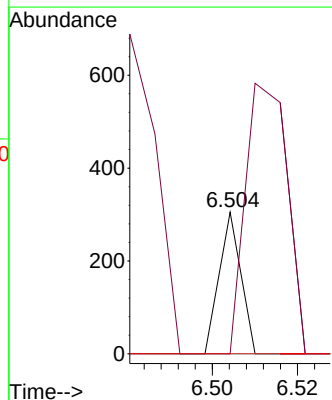
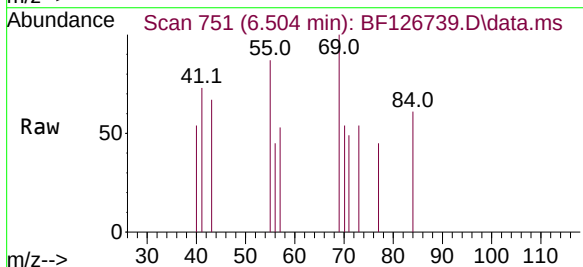
Instrument :
BNA_F
ClientSampleId :
CL-01-012722

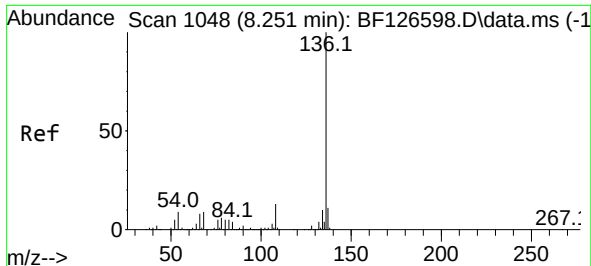
Tgt Ion: 99 Resp: 190479
Ion Ratio Lower Upper
99 100
42 14.1 14.2 21.4#
71 34.5 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

Tgt Ion: 77 Resp: 108
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#

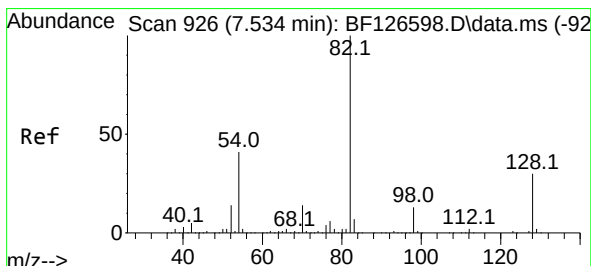
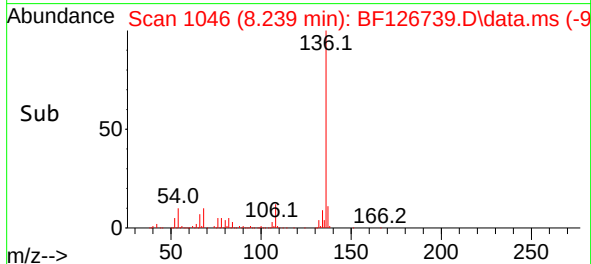
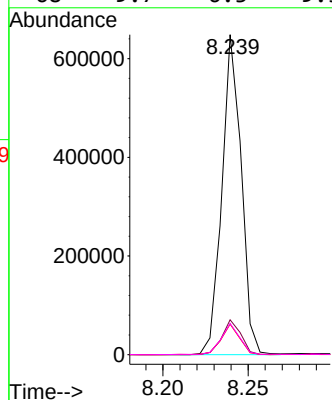
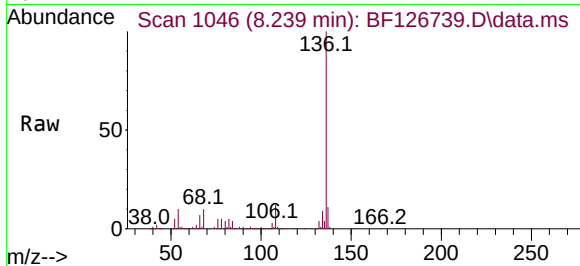




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

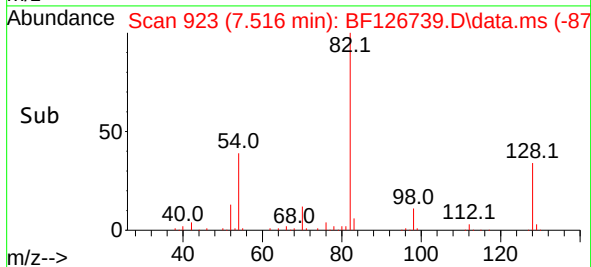
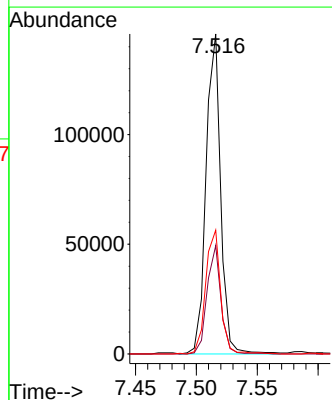
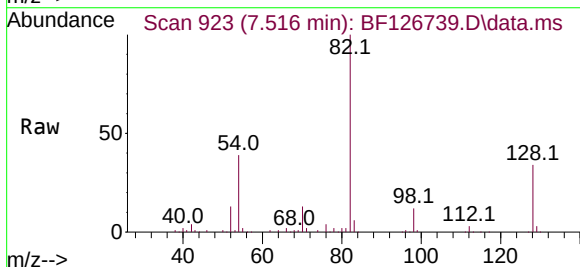
Instrument :
BNA_F
ClientSampleId :
CL-01-012722

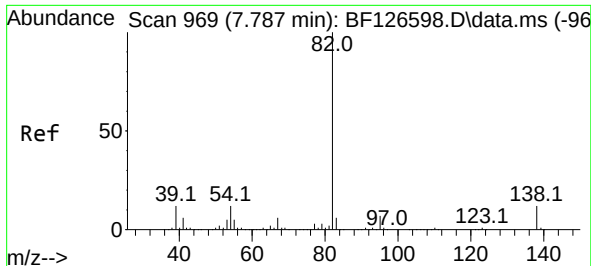
Tgt Ion:	136	Resp:	512136
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.6	7.8	11.6
68	9.7	6.3	9.5#



#23
Nitrobenzene-d5
Concen: 9.305 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

Tgt Ion:	82	Resp:	121751
Ion	Ratio	Lower	Upper
82	100		
128	33.9	32.7	49.1
54	38.7	41.7	62.5#

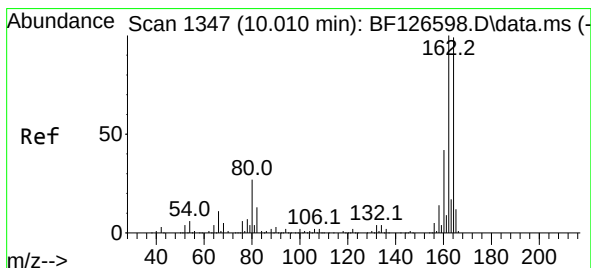
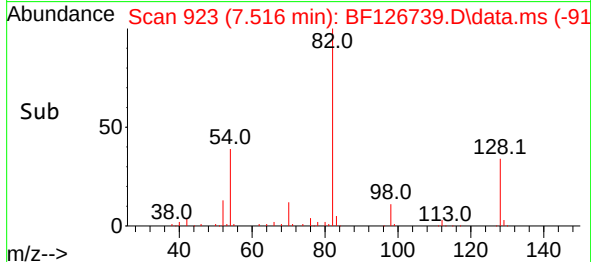
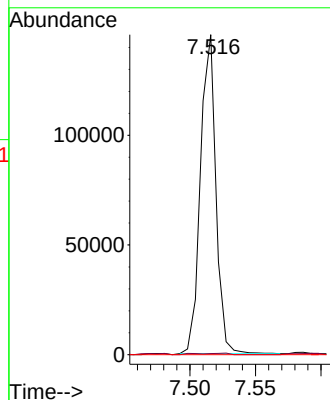
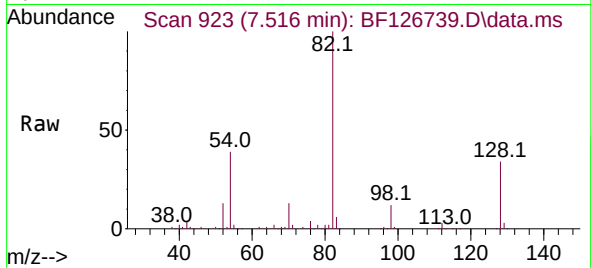




#25
Isophorone
Concen: 4.715 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

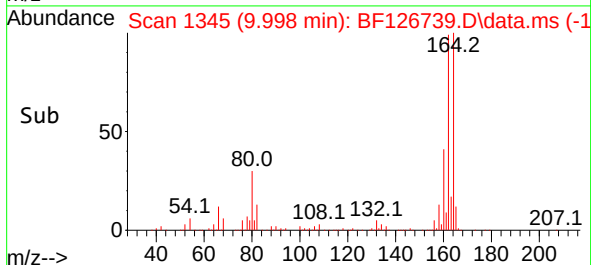
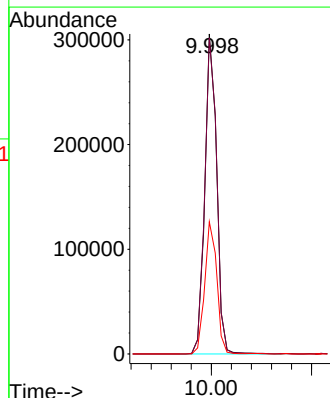
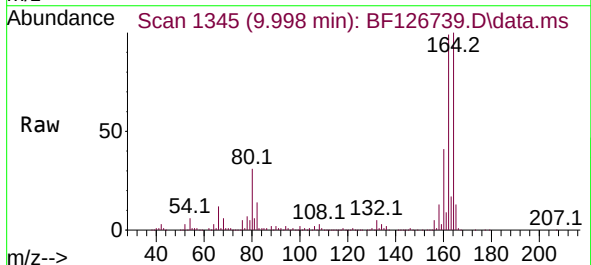
Instrument :
BNA_F
ClientSampleId :
CL-01-012722

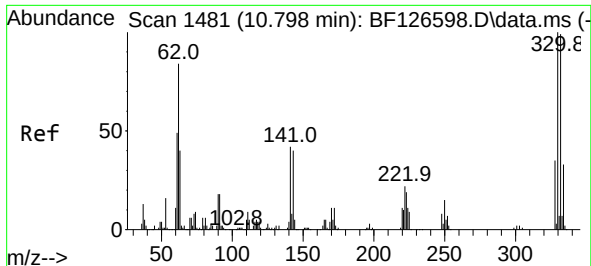
Tgt Ion: 82 Resp: 119655
Ion Ratio Lower Upper
82 100
95 0.4 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

Tgt Ion: 164 Resp: 251029
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.0
160 41.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 11.768 ng

RT: 10.786 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126739.D

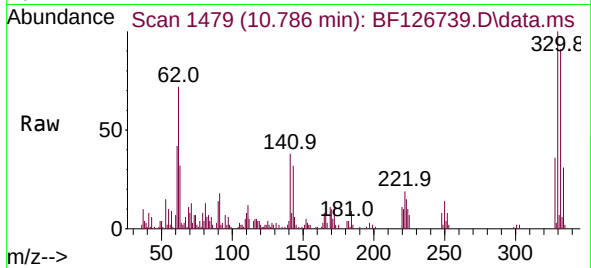
Acq: 29 Jan 2022 01:36

Instrument :

BNA_F

ClientSampleId :

CL-01-012722



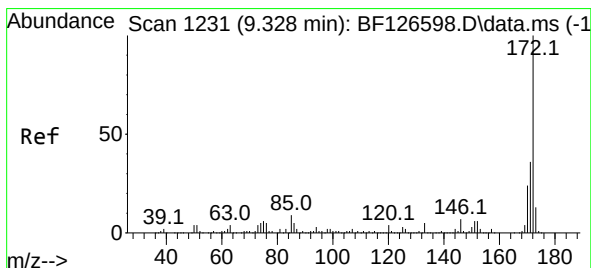
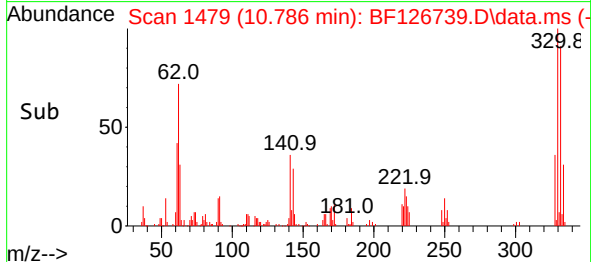
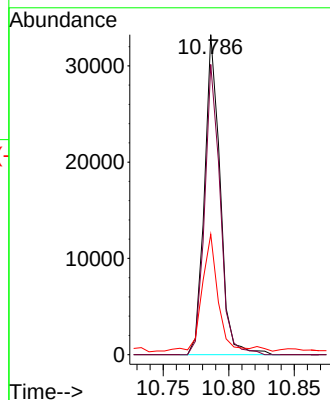
Tgt Ion:330 Resp: 27646

Ion Ratio Lower Upper

330 100

332 89.9 76.0 114.0

141 37.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 9.863 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF126739.D

Acq: 29 Jan 2022 01:36

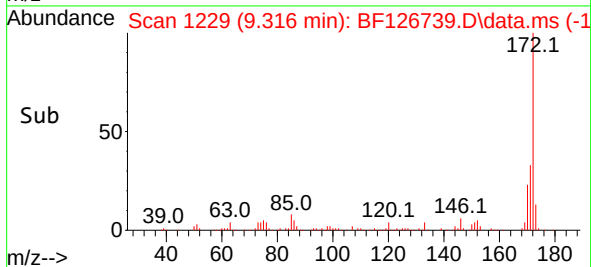
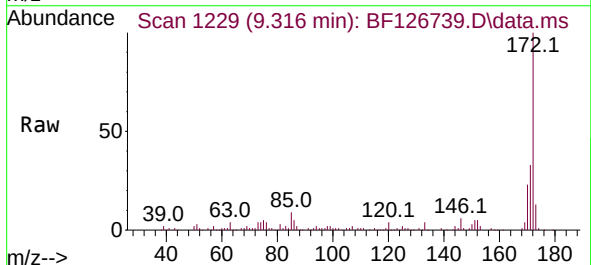
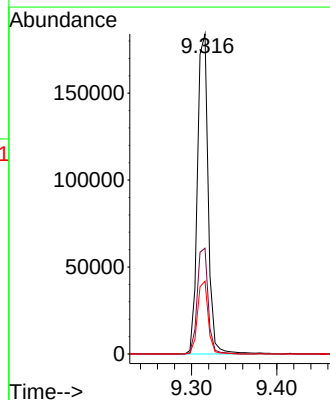
Tgt Ion:172 Resp: 161670

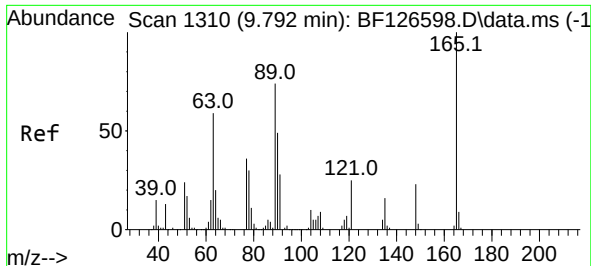
Ion Ratio Lower Upper

172 100

171 33.1 28.3 42.5

170 22.7 19.0 28.6

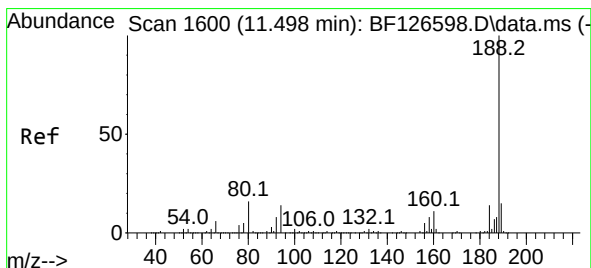
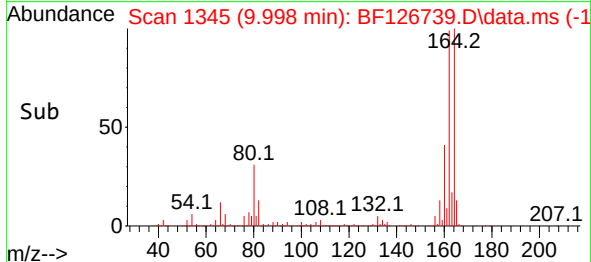
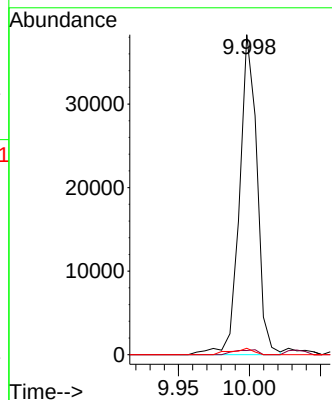
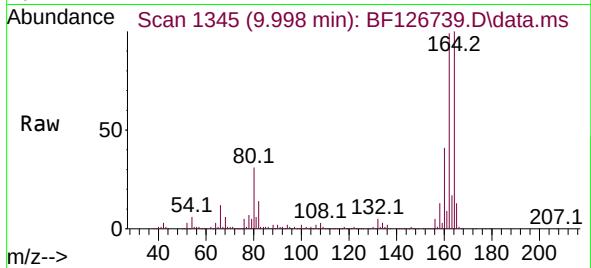




#51
2,6-Dinitrotoluene
Concen: 10.686 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

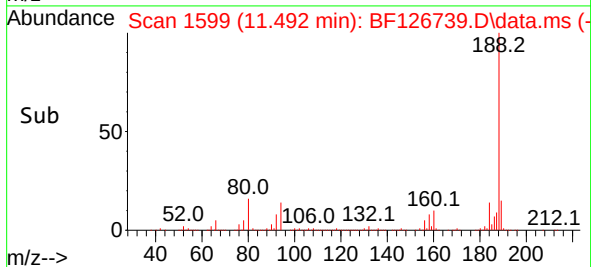
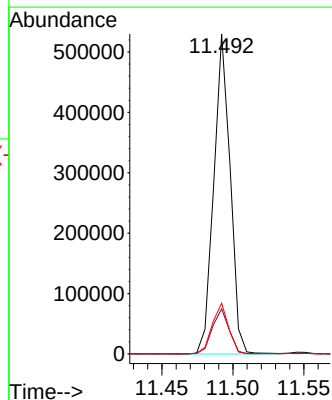
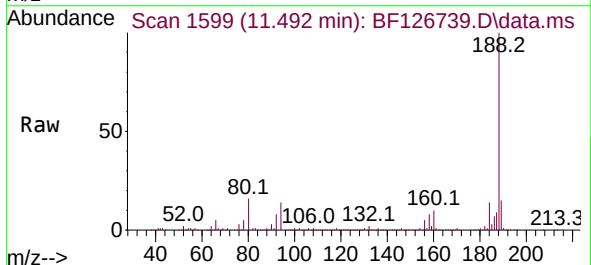
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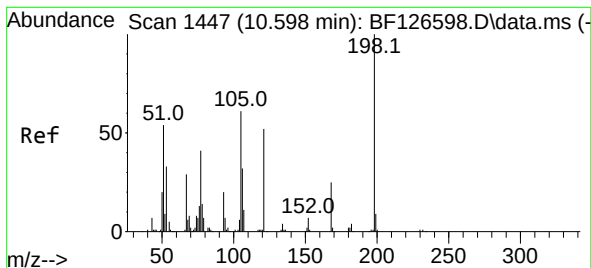
Tgt Ion:165 Resp: 32876
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 2.0 50.5 75.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

Tgt Ion:188 Resp: 425554
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.9 11.8 17.6

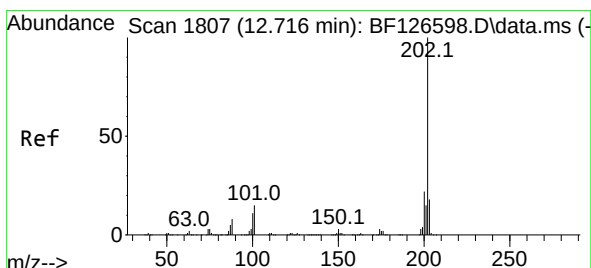
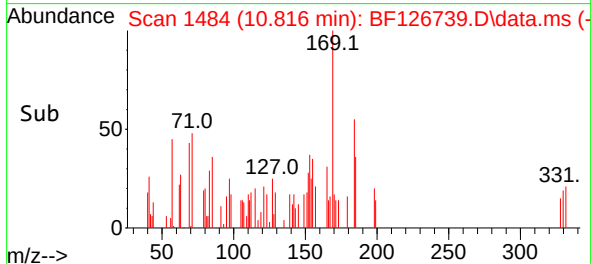
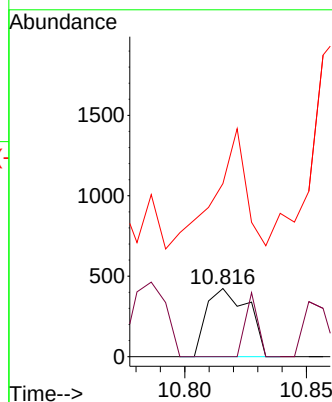
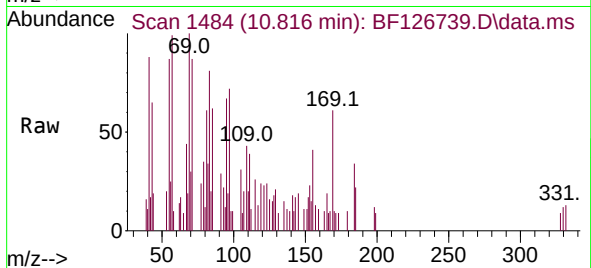




#65
4,6-Dinitro-2-methylphenol
Concen: 7.581 ng
RT: 10.816 min Scan# 1447
Delta R.T. 0.223 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

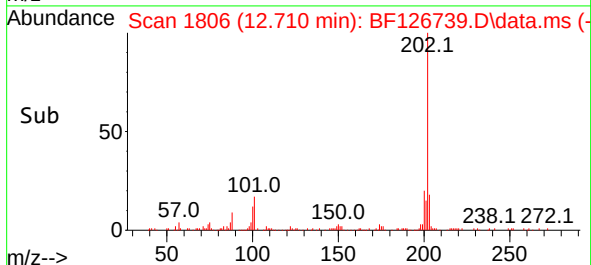
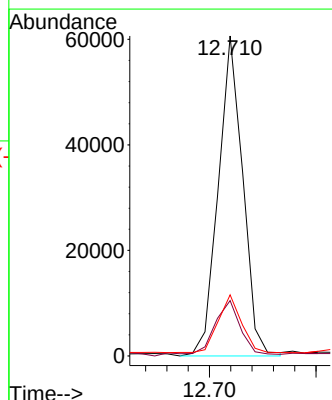
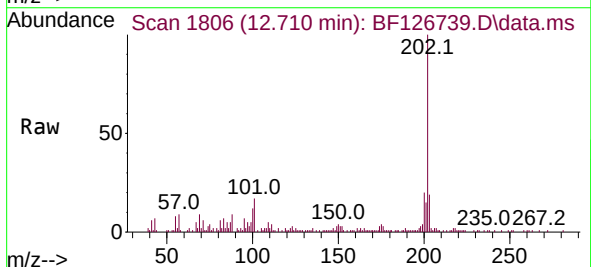
Instrument :
BNA_F
ClientSampleId :
CL-01-012722

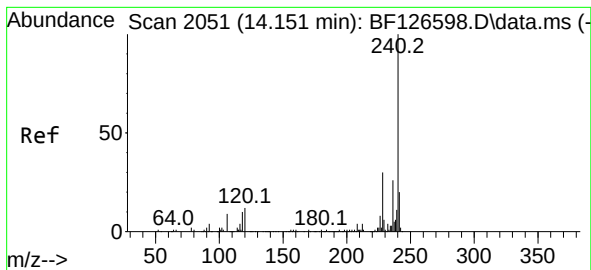
Tgt Ion:198 Resp: 502
Ion Ratio Lower Upper
198 100
51 0.0 32.0 72.0#
105 254.4 32.7 72.7#



#75
Fluoranthene
Concen: 2.018 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

Tgt Ion:202 Resp: 48461
Ion Ratio Lower Upper
202 100
101 17.3 0.0 35.7
203 19.1 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2051

Delta R.T. -0.000 min

Lab File: BF126739.D

Acq: 29 Jan 2022 01:36

Instrument :

BNA_F

ClientSampleId :

CL-01-012722

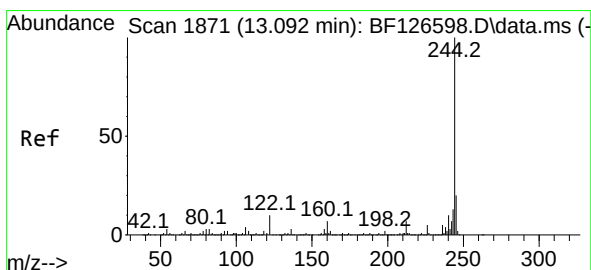
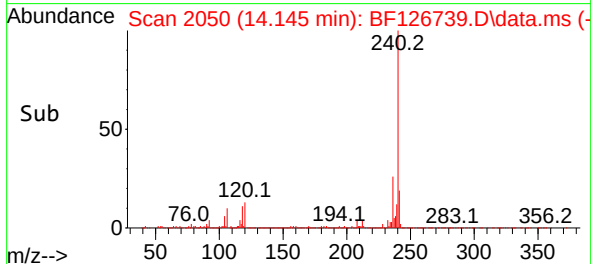
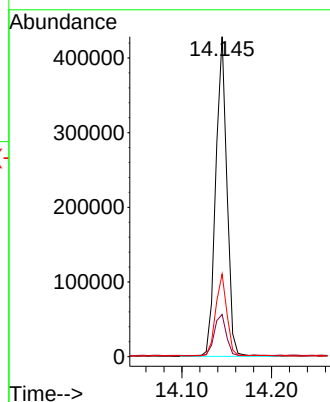
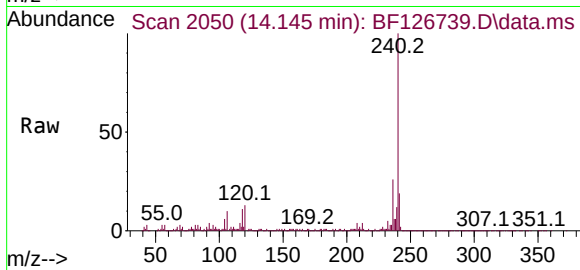
Tgt Ion:240 Resp: 369900

Ion Ratio Lower Upper

240 100

120 13.2 14.4 21.6#

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 8.171 ng

RT: 13.080 min Scan# 1869

Delta R.T. -0.000 min

Lab File: BF126739.D

Acq: 29 Jan 2022 01:36

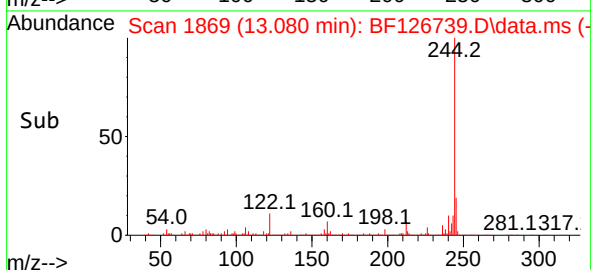
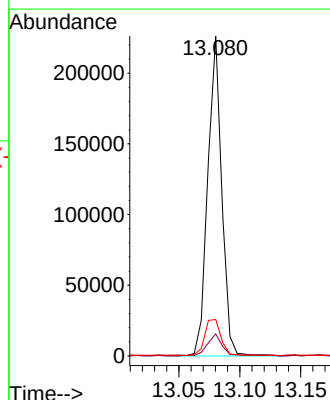
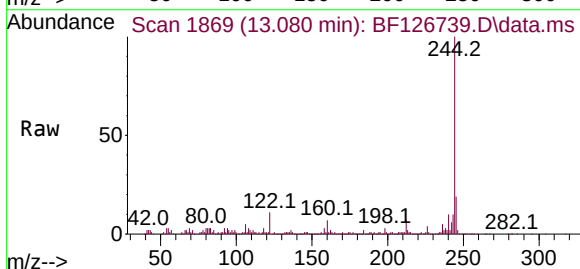
Tgt Ion:244 Resp: 180206

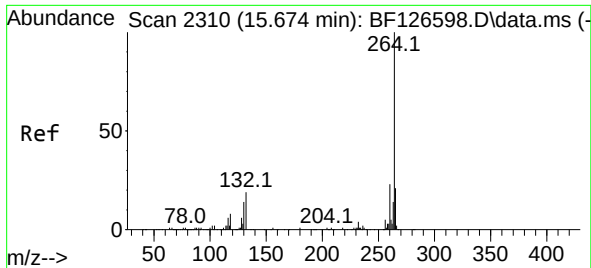
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

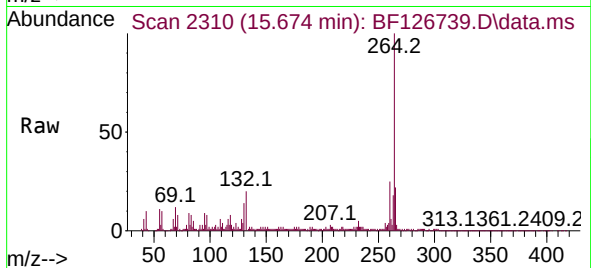
122 11.4 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF126739.D
Acq: 29 Jan 2022 01:36

Instrument :
BNA_F
ClientSampleId :
CL-01-012722



Tgt Ion:264 Resp: 269654

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	22.1	17.4	26.2

