

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128432.D
 Acq On : 24 May 2022 13:52
 Operator : CG\JU
 Sample : N2894-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P008-SS002-1824-01

Quant Time: May 25 03:54:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

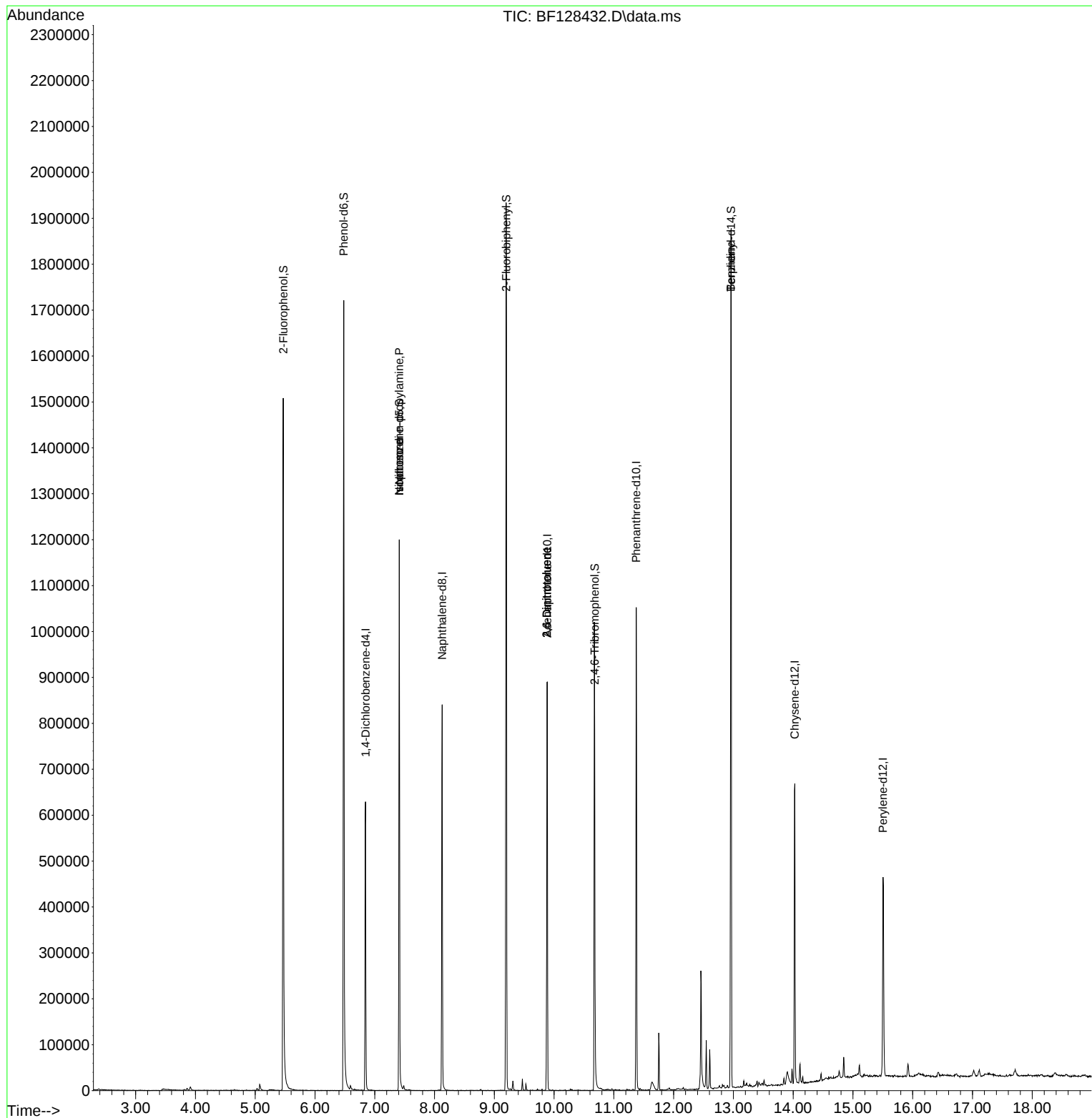
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	96183	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	368848	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	204045	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	376228	20.000	ng	0.00
76) Chrysene-d12	14.027	240	236102	20.000	ng	0.00
86) Perylene-d12	15.504	264	202978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	424091	70.167	ng	0.00
7) Phenol-d6	6.481	99	556904	69.974	ng	-0.01
23) Nitrobenzene-d5	7.410	82	375670	45.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	121626	57.798	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	605978	48.567	ng	0.00
79) Terphenyl-d14	12.963	244	683176	55.858	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	906	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.410	70	49898	10.483	ng	# 81
25) Isophorone	7.410	82	375666	29.778	ng	# 68
51) 2,6-Dinitrotoluene	9.880	165	25394	8.933	ng	# 22
57) 2,4-Dinitrotoluene	9.880	165	25394	7.090	ng	# 26
77) Benzidine	12.957	184	9932	2.023	ng	# 91

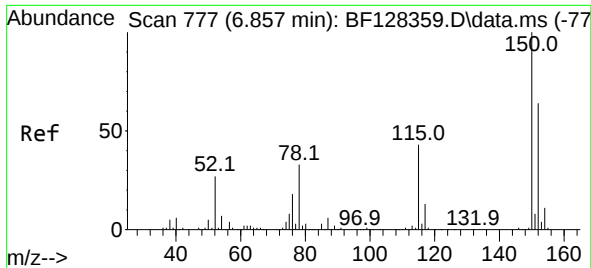
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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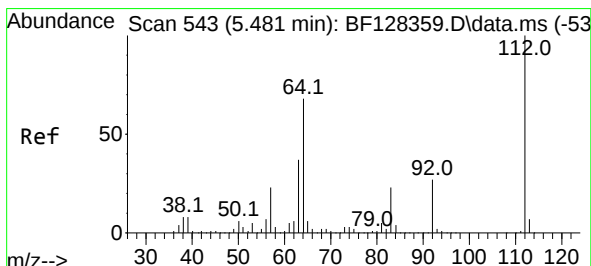
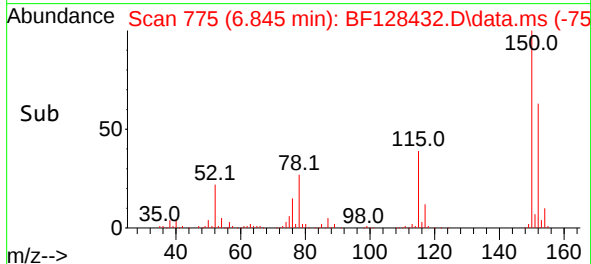
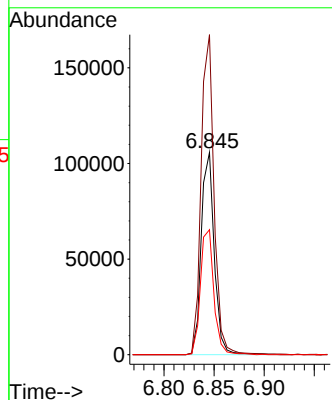
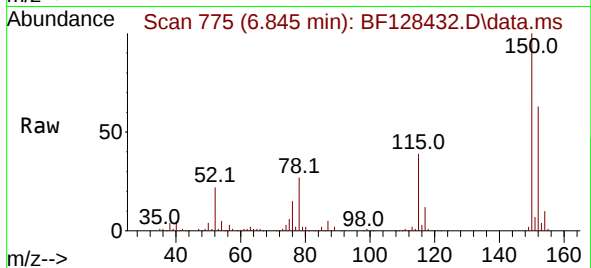




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

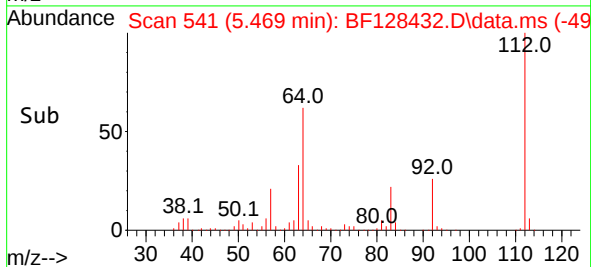
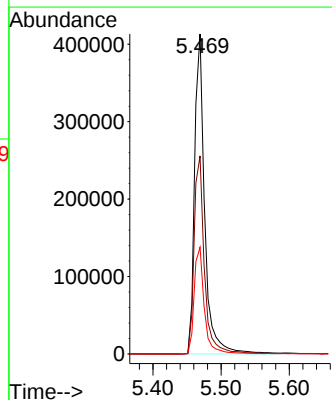
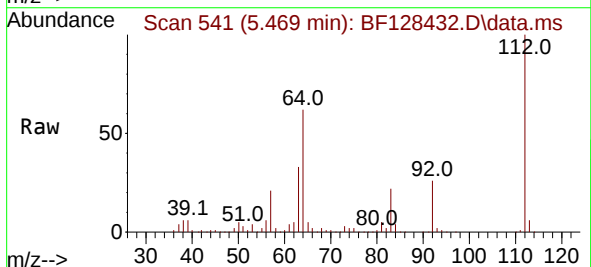
Instrument :
BNA_F
ClientSampleId :
P008-SS002-1824-01

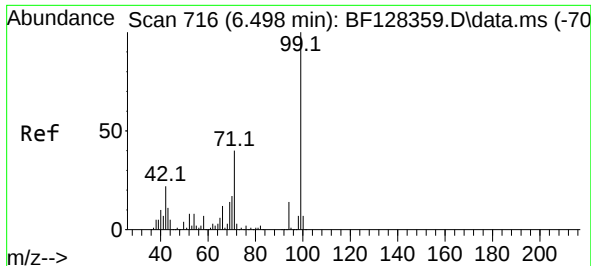
Tgt Ion:152 Resp: 96183
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 61.8 48.8 73.2



#5
2-Fluorophenol
Concen: 70.167 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.000 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

Tgt Ion:112 Resp: 424091
Ion Ratio Lower Upper
112 100
64 61.9 49.5 74.3
63 33.4 26.3 39.5

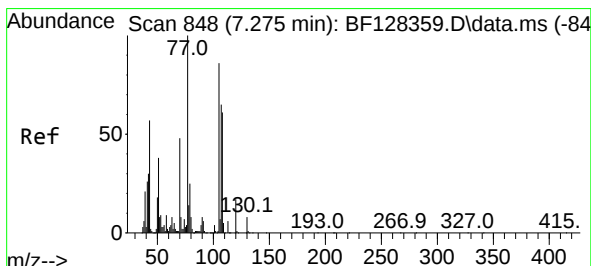
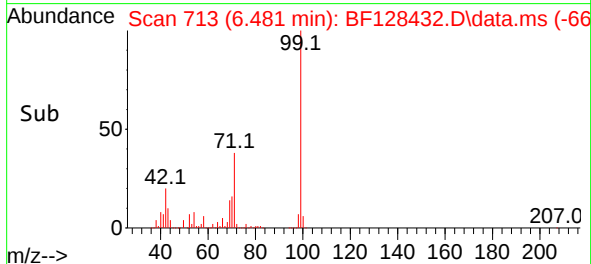
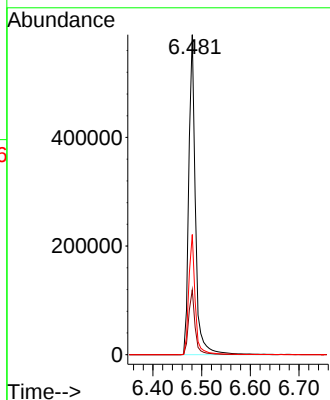
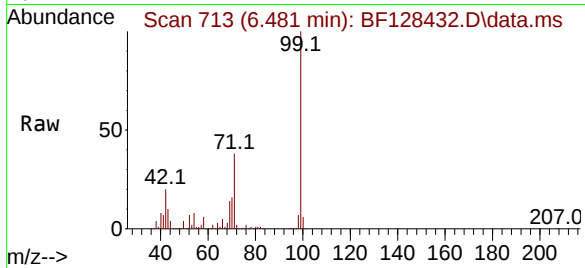




#7
Phenol-d6
Concen: 69.974 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

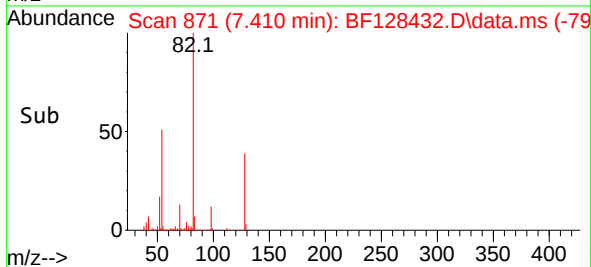
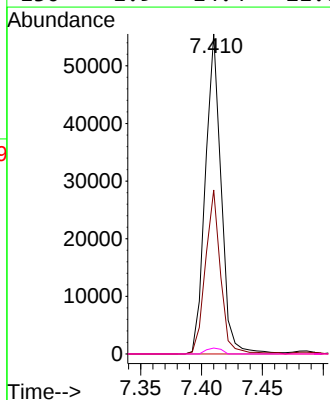
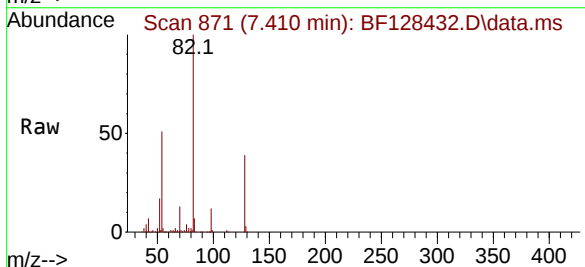
Instrument :
BNA_F
ClientSampleId :
P008-SS002-1824-01

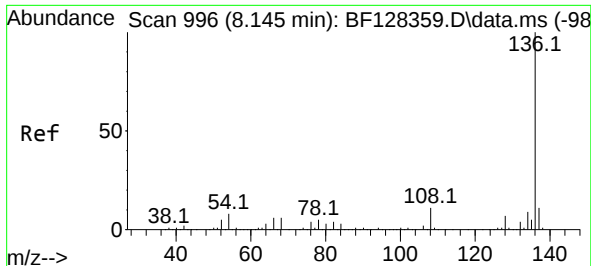
Tgt Ion: 99 Resp: 556904
Ion Ratio Lower Upper
99 100
42 20.3 16.6 24.8
71 37.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.483 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.147 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

Tgt Ion: 70 Resp: 49898
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

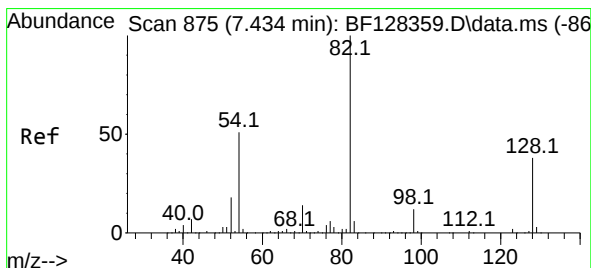
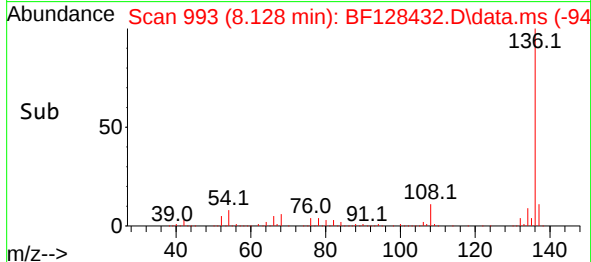
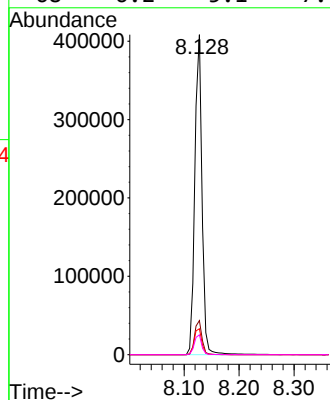
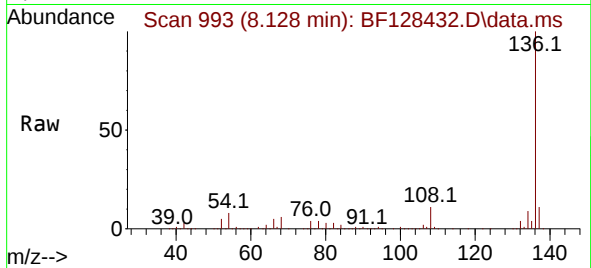




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

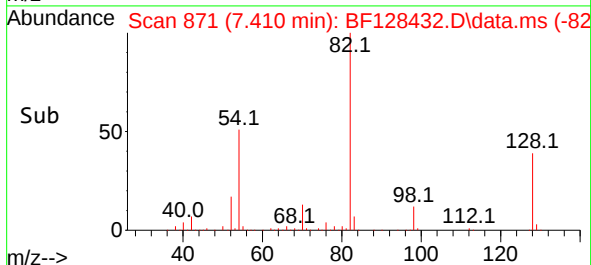
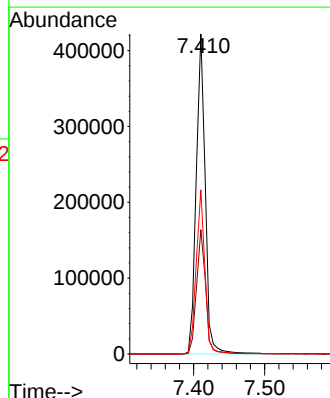
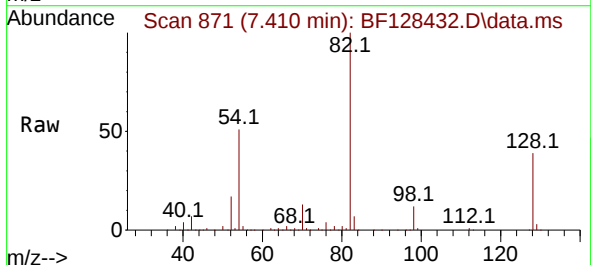
Instrument :
BNA_F
ClientSampleId :
P008-SS002-1824-01

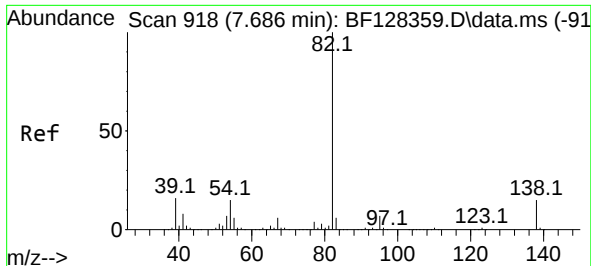
Tgt Ion:	136	Resp:	368848
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 45.634 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

Tgt Ion:	82	Resp:	375670
Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.0	45.0
54	51.3	41.3	61.9

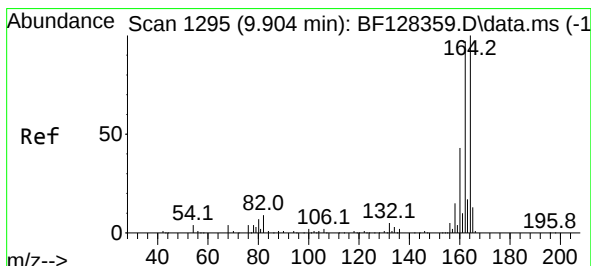
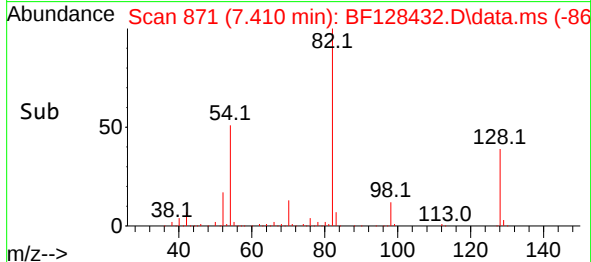
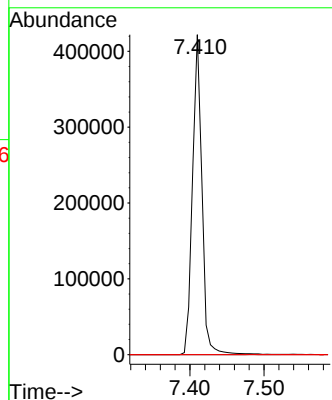
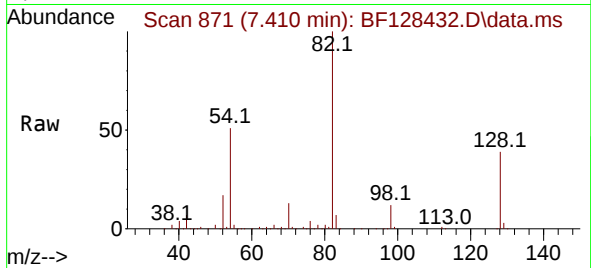




#25
Isophorone
Concen: 29.778 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

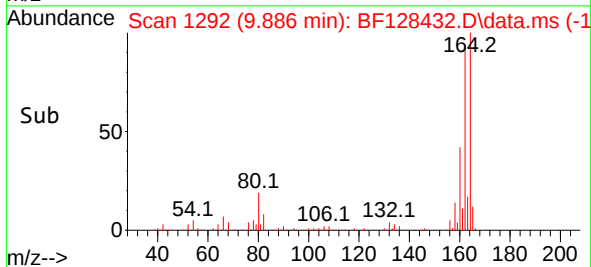
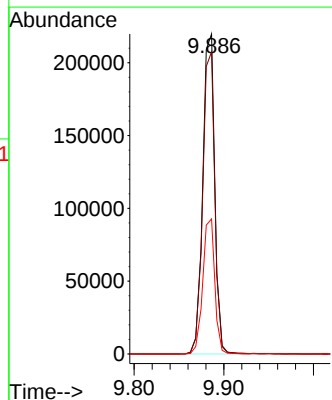
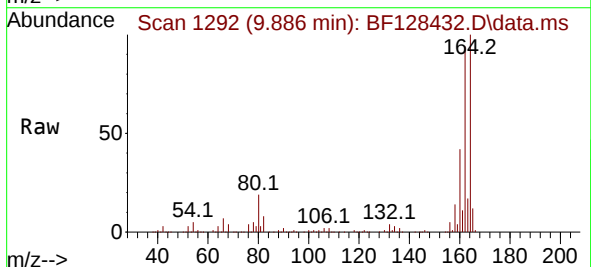
Instrument :
BNA_F
ClientSampleId :
P008-SS002-1824-01

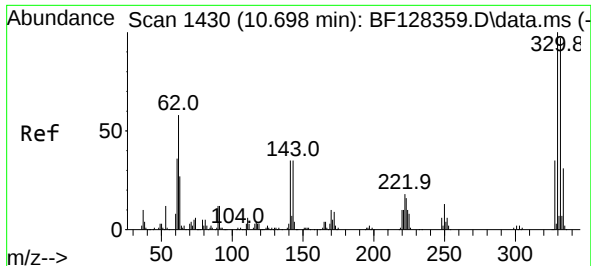
Tgt Ion: 82 Resp: 375666
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

Tgt Ion:164 Resp: 204045
Ion Ratio Lower Upper
164 100
162 94.4 76.0 114.0
160 42.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 57.798 ng

RT: 10.680 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128432.D

Acq: 24 May 2022 13:52

Instrument :

BNA_F

ClientSampleId :

P008-SS002-1824-01

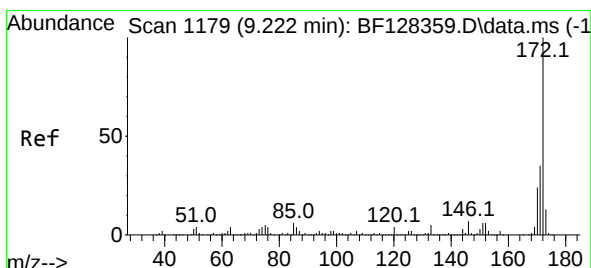
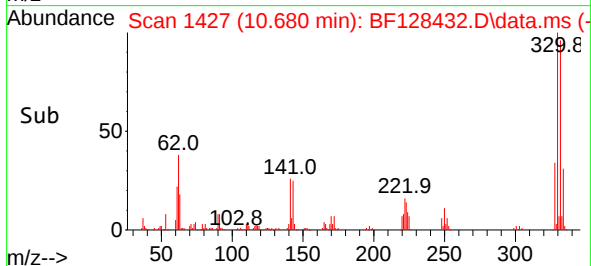
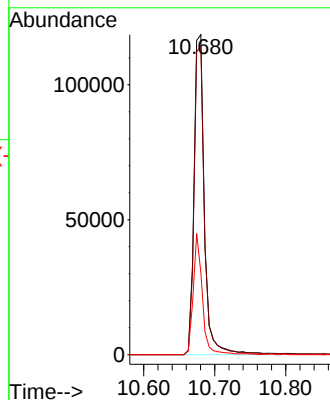
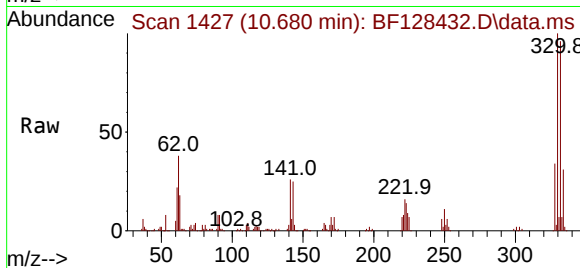
Tgt Ion:330 Resp: 121626

Ion Ratio Lower Upper

330 100

332 95.7 79.0 118.4

141 33.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 48.567 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128432.D

Acq: 24 May 2022 13:52

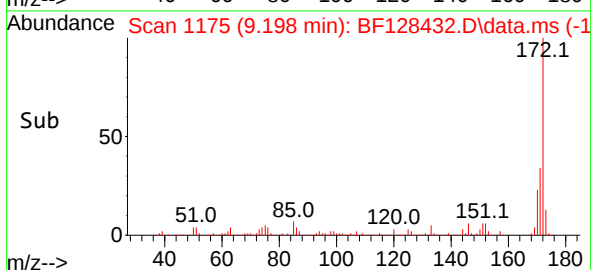
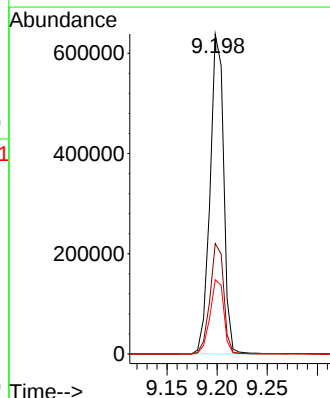
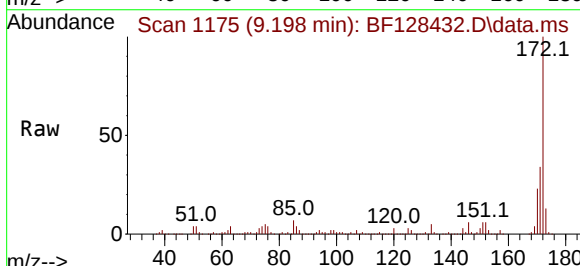
Tgt Ion:172 Resp: 605978

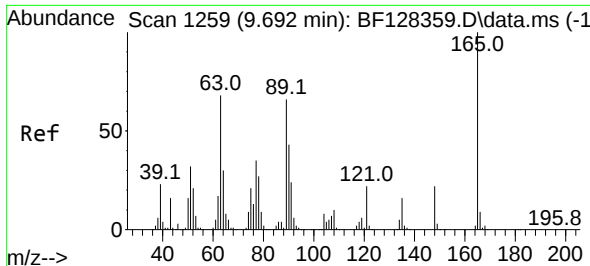
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.2 19.1 28.7

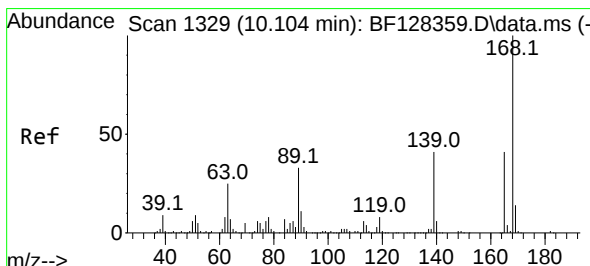
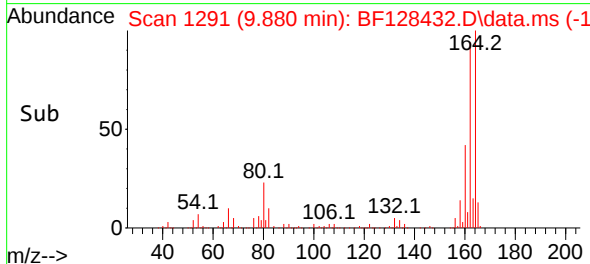
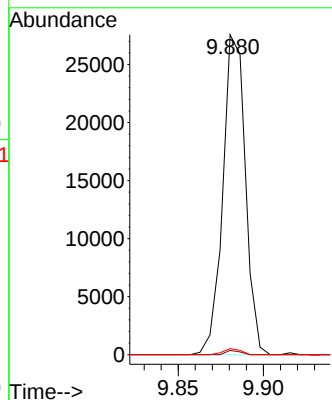
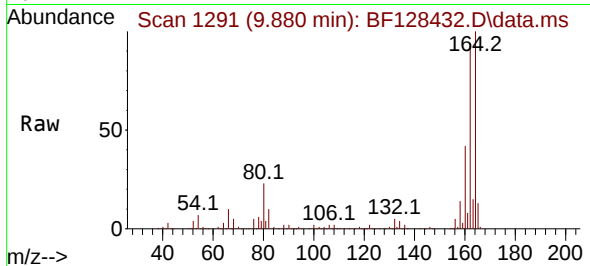




#51
2,6-Dinitrotoluene
Concen: 8.933 ng
RT: 9.880 min Scan# 1291
Delta R.T. 0.200 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

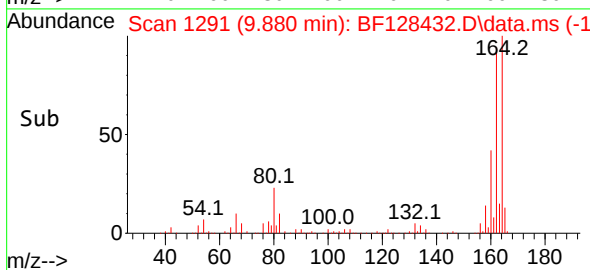
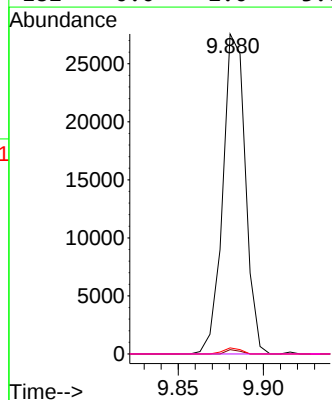
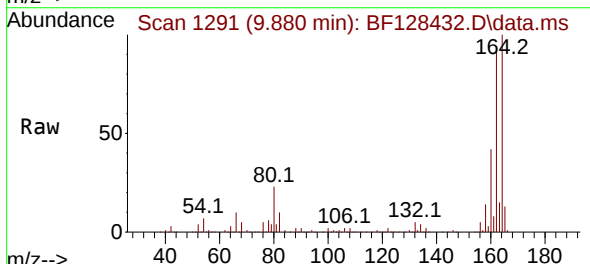
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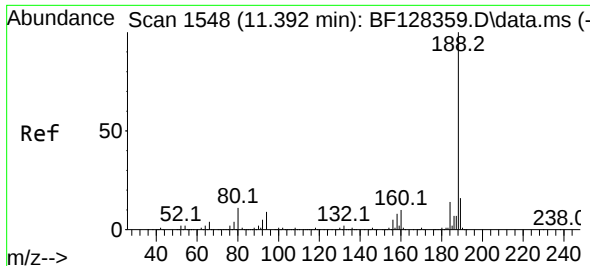
Tgt Ion:165 Resp: 25394
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.090 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.212 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

Tgt Ion:165 Resp: 25394
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#

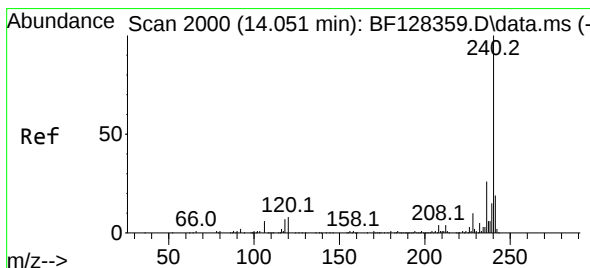
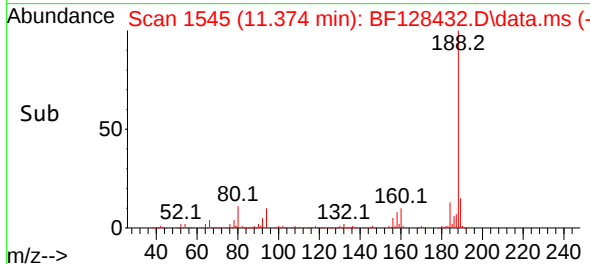
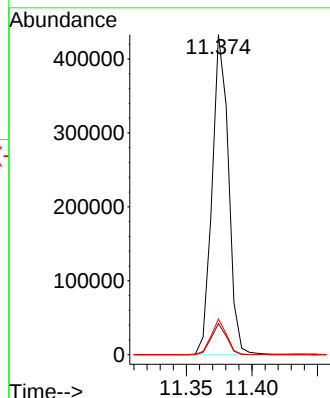
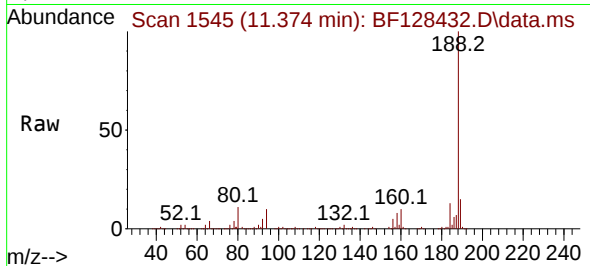




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

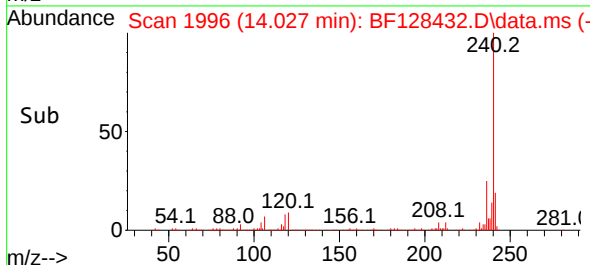
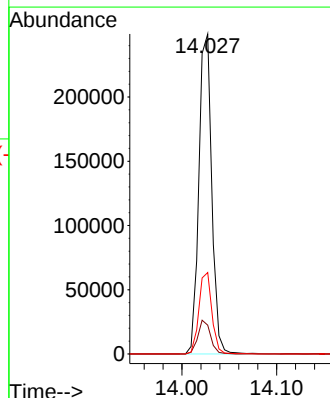
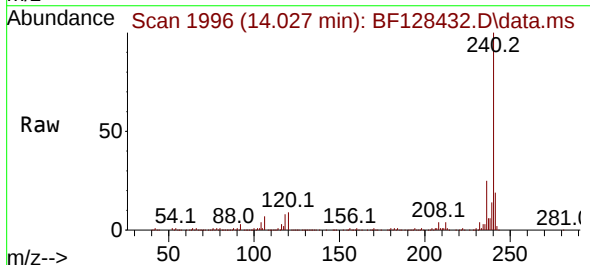
Instrument :
BNA_F
ClientSampleId :
P008-SS002-1824-01

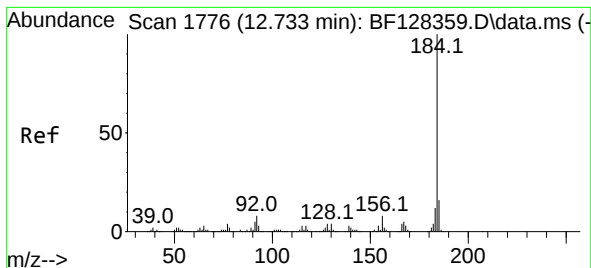
Tgt Ion:188 Resp: 376228
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 11.1 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128432.D
Acq: 24 May 2022 13:52

Tgt Ion:240 Resp: 236102
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 25.4 20.3 30.5





#77

Benzidine

Concen: 2.023 ng

RT: 12.957 min Scan# 1815

Delta R.T. 0.235 min

Lab File: BF128432.D

Acq: 24 May 2022 13:52

Instrument :

BNA_F

ClientSampleId :

P008-SS002-1824-01

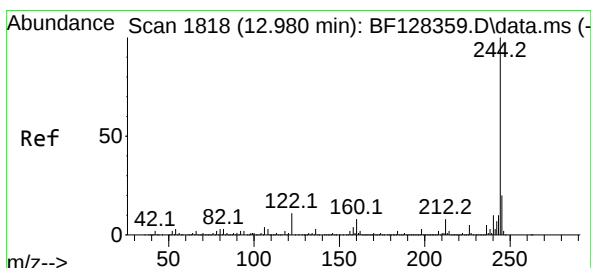
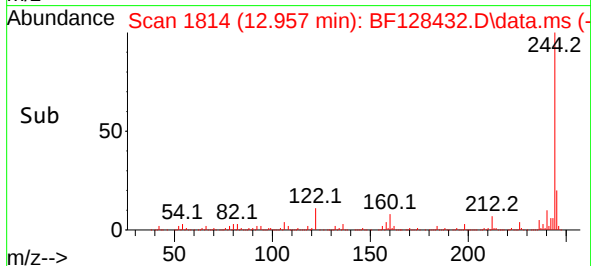
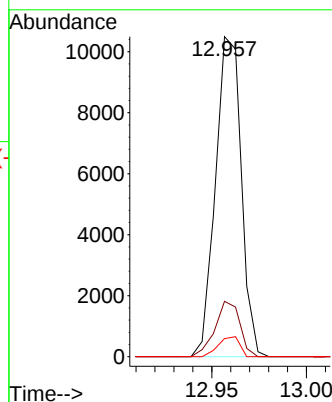
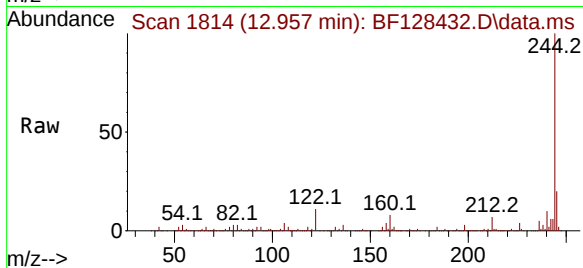
Tgt Ion:184 Resp: 9932

Ion Ratio Lower Upper

184 100

185 17.3 12.1 18.1

183 5.7 9.0 13.4#



#79

Terphenyl-d14

Concen: 55.858 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BF128432.D

Acq: 24 May 2022 13:52

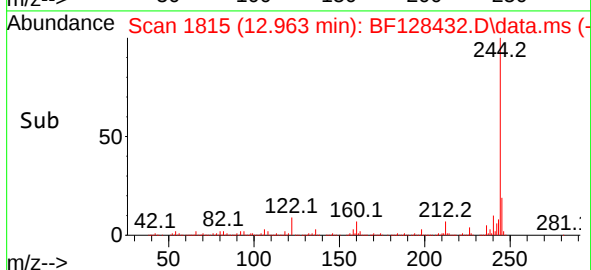
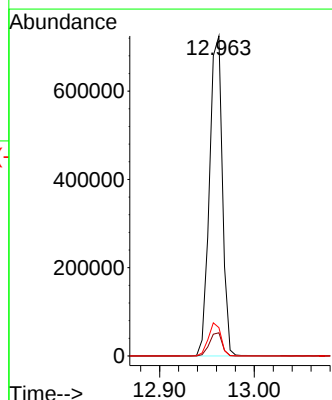
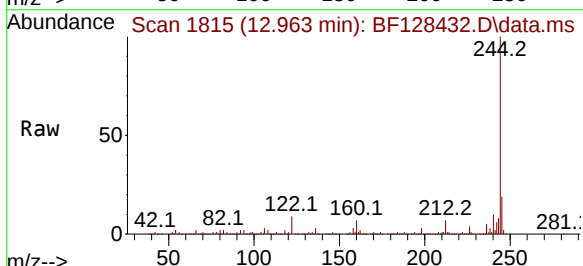
Tgt Ion:244 Resp: 683176

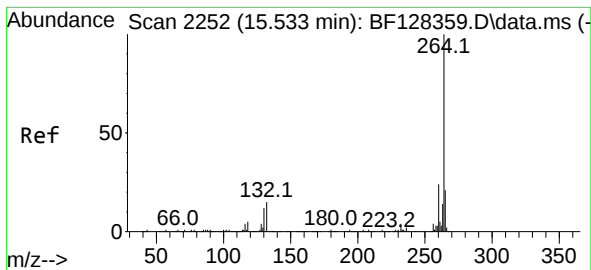
Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.4

122 8.9 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128432.D

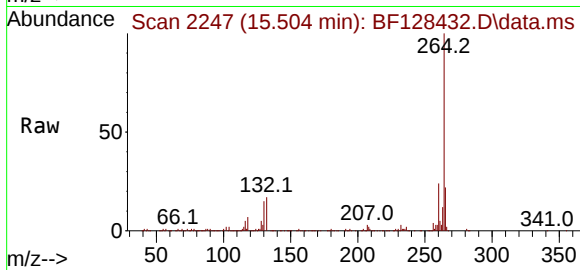
Acq: 24 May 2022 13:52

Instrument :

BNA_F

ClientSampleId :

P008-SS002-1824-01



Tgt Ion:264 Resp: 202978

Ion Ratio Lower Upper

264 100

260 24.1 20.1 30.1

265 21.9 17.5 26.3

