

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128309.D
 Acq On : 18 May 2022 13:50
 Operator : CG\JU
 Sample : N2863-11RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P003-SS005-0006-01RE

Quant Time: May 18 16:49:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

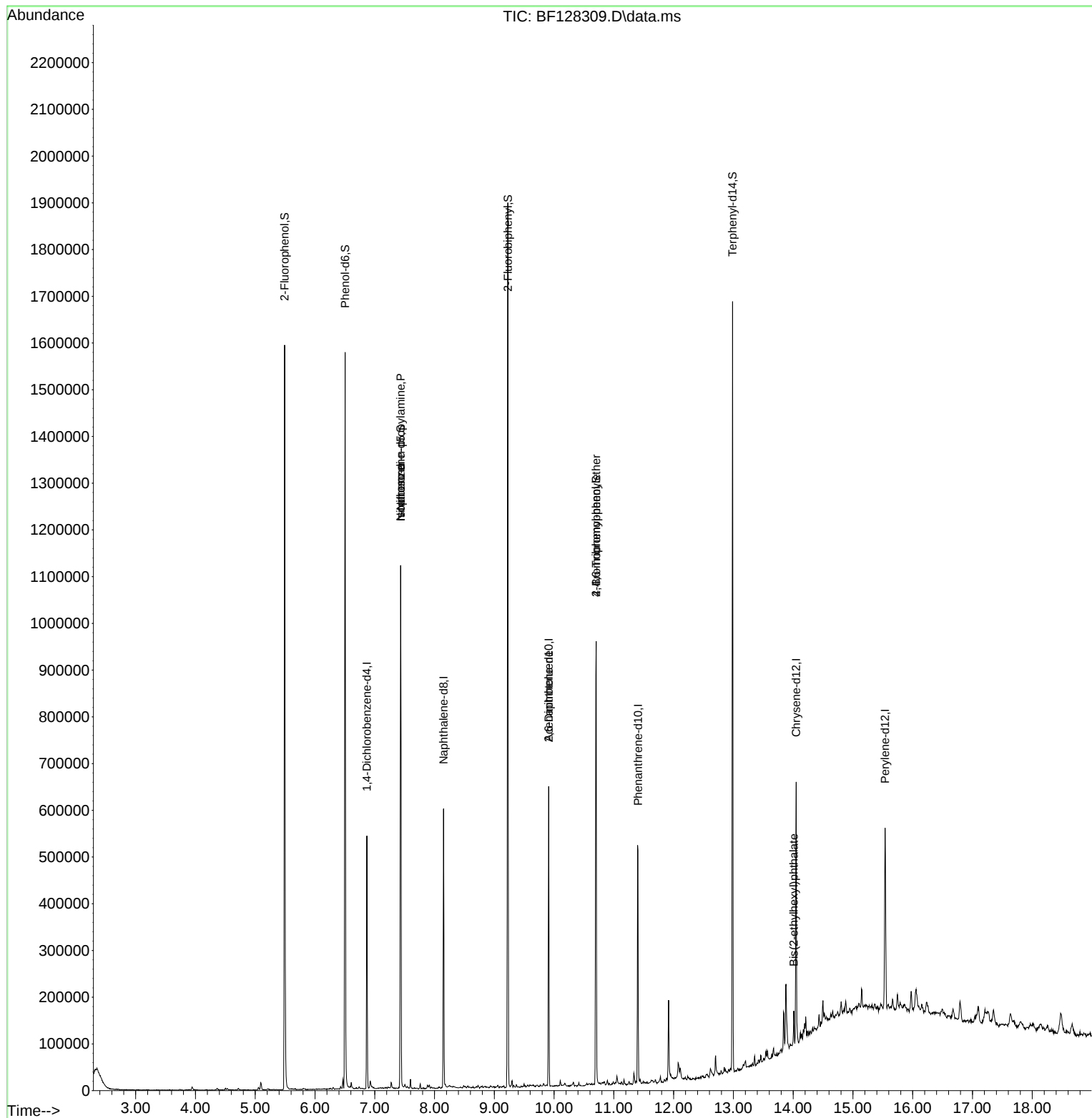
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	65114	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	231897	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	114164	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	188605	20.000	ng	#-0.01
76) Chrysene-d12	14.051	240	182344	20.000	ng	-0.01
86) Perylene-d12	15.539	264	160002	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	378325	92.622	ng	0.00
7) Phenol-d6	6.504	99	466871	86.417	ng	-0.01
23) Nitrobenzene-d5	7.434	82	348141	67.552	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	106170	81.088	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	511612	70.120	ng	-0.01
79) Terphenyl-d14	12.986	244	506590	52.131	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.428	77	1161	Below Cal		Qvalue 86
19) n-Nitroso-di-n-propyla...	7.434	70	47015	14.131	ng	# 81
25) Isophorone	7.434	82	348137	43.088	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	14625	9.050	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	7243	3.570	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.010	149	17112	2.304	ng	96

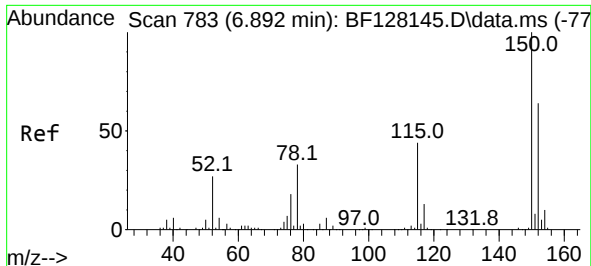
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 18 01:31:11 2022
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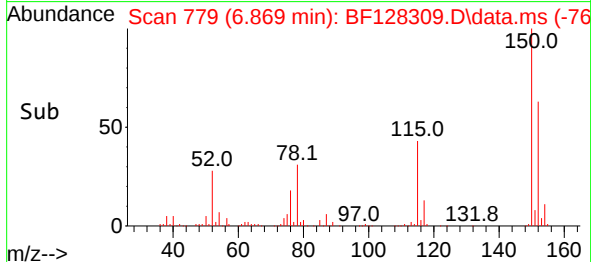
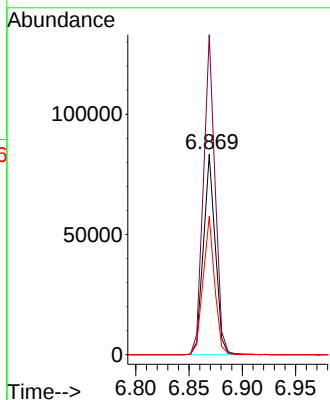
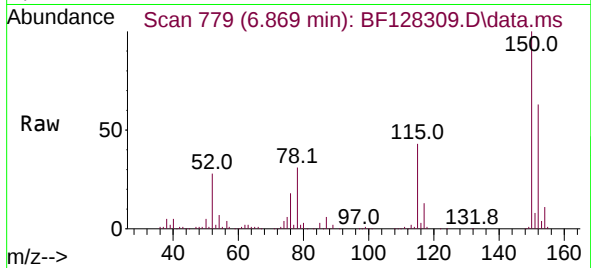




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

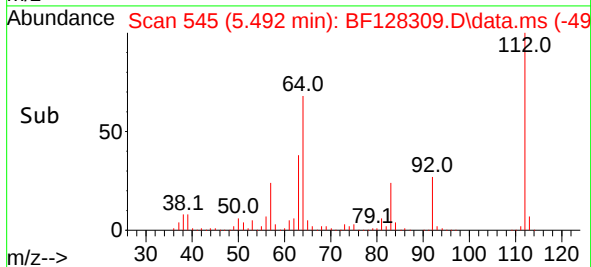
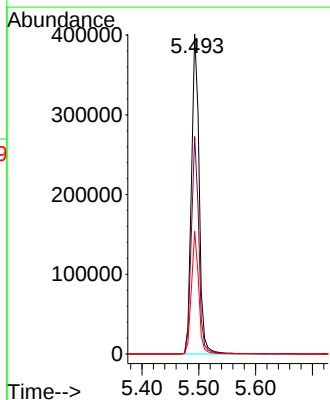
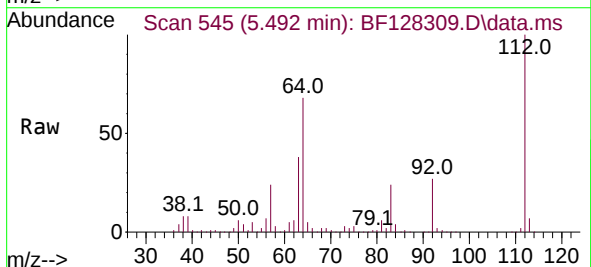
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01RE

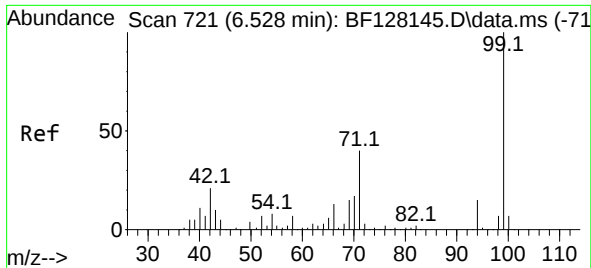
Tgt Ion:152 Resp: 65114
Ion Ratio Lower Upper
152 100
150 159.7 125.3 187.9
115 69.0 48.8 73.2



#5
2-Fluorophenol
Concen: 92.622 ng
RT: 5.492 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion:112 Resp: 378325
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 38.3 26.3 39.5

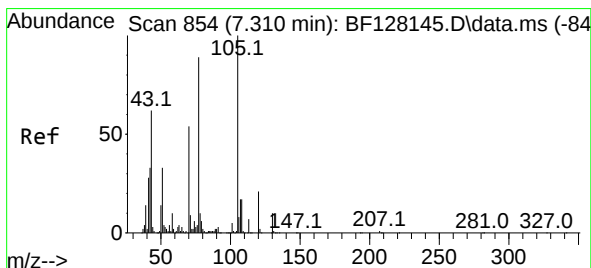
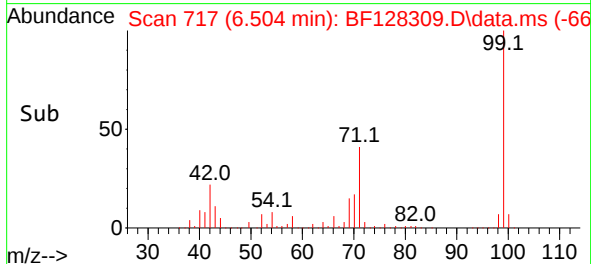
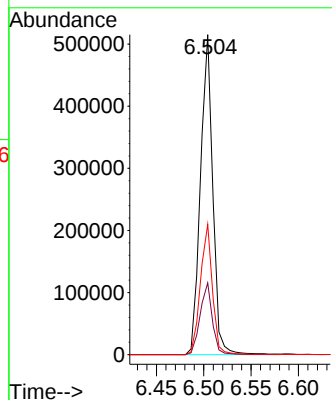
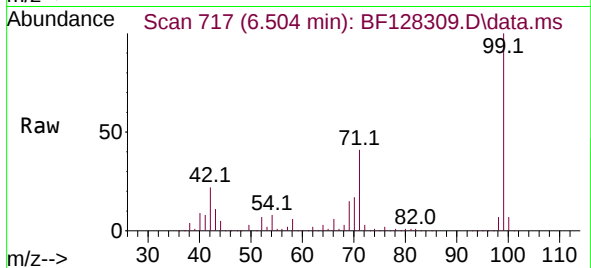




#7
Phenol-d6
Concen: 86.417 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

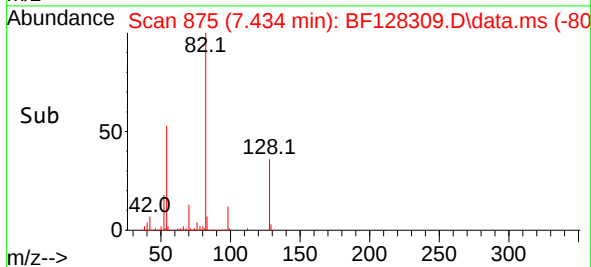
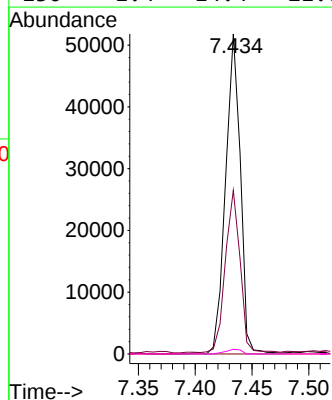
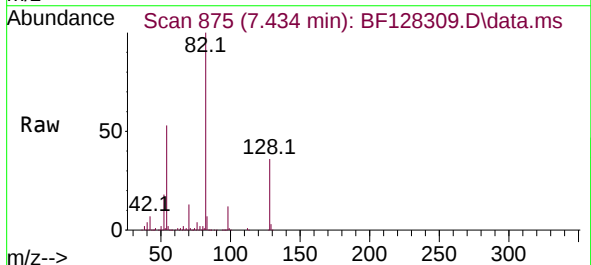
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01RE

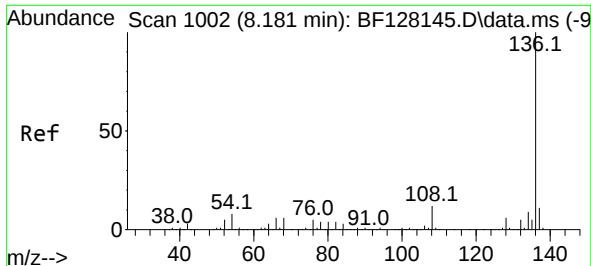
Tgt Ion: 99 Resp: 466871
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 40.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.131 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.135 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion: 70 Resp: 47015
Ion Ratio Lower Upper
70 100
42 51.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.4 14.4 21.6#

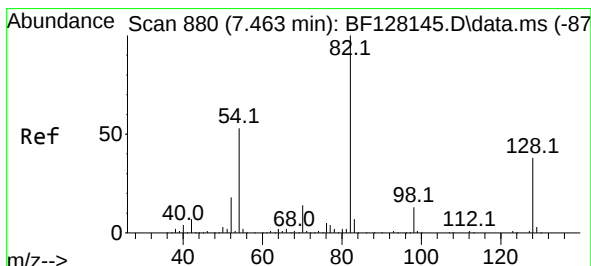
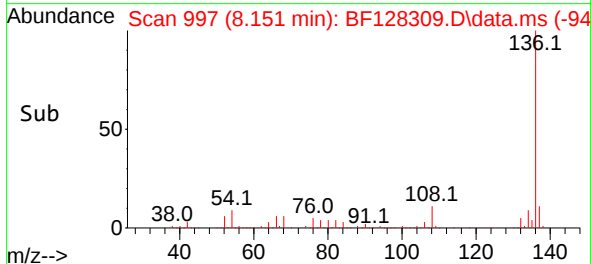
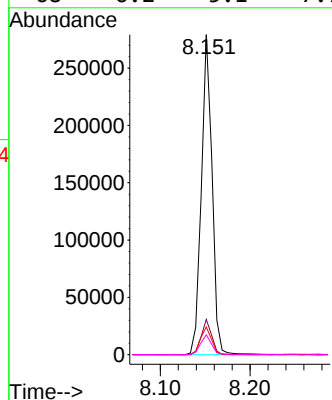
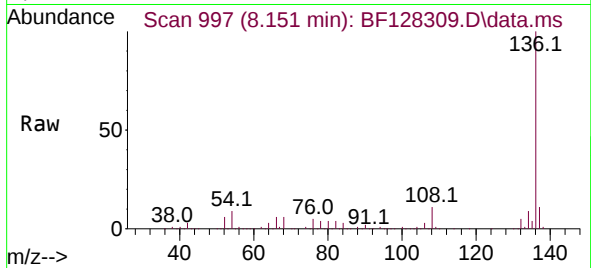




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

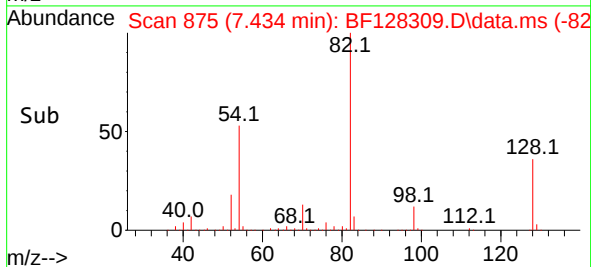
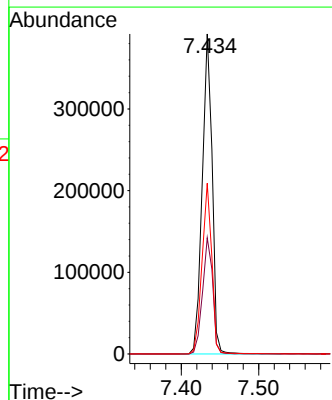
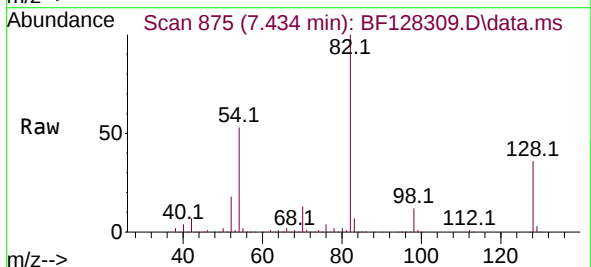
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01RE

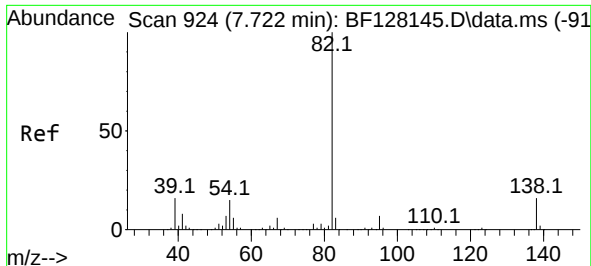
Tgt Ion:	136	Resp:	231897
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.6	6.8	10.2
68	6.2	5.1	7.7



#23
Nitrobenzene-d5
Concen: 67.552 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.018 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion:	82	Resp:	348141
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	53.4	41.3	61.9

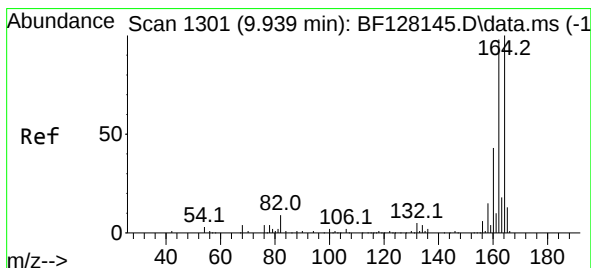
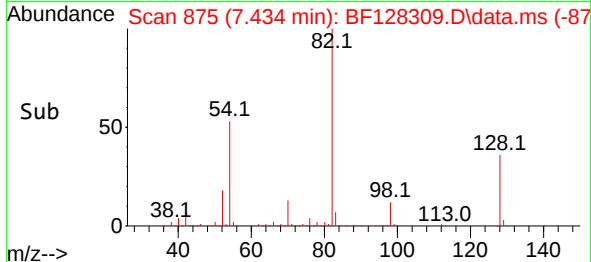
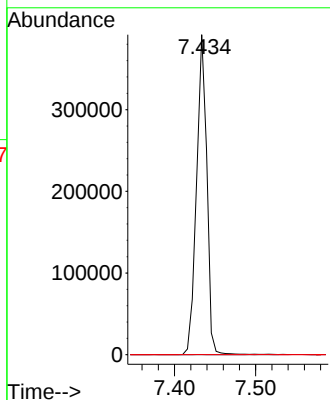
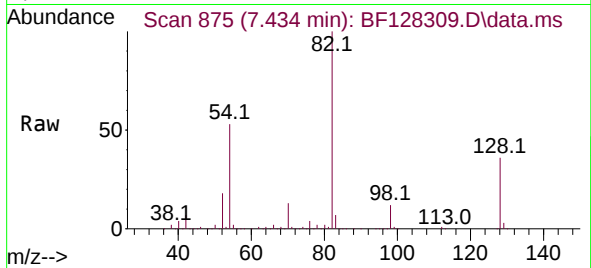




#25
Isophorone
Concen: 43.088 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

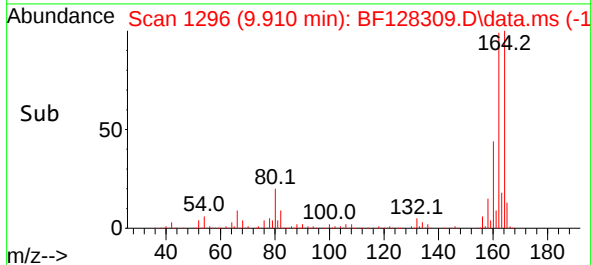
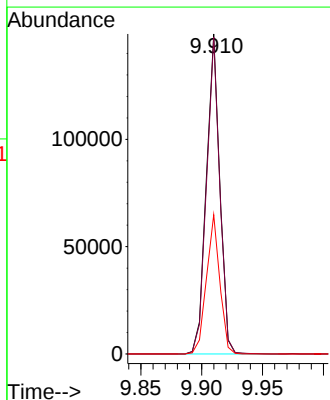
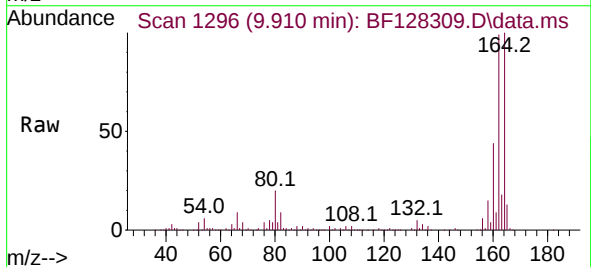
Instrument :
BNA_F
ClientSampleId :
P003-SS005-0006-01RE

Tgt Ion: 82 Resp: 348137
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: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion:164 Resp: 114164
Ion Ratio Lower Upper
164 100
162 99.1 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 81.088 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128309.D

Acq: 18 May 2022 13:50

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01RE

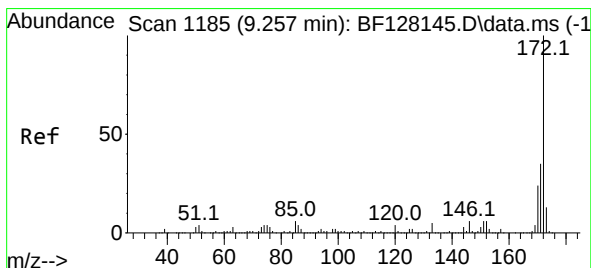
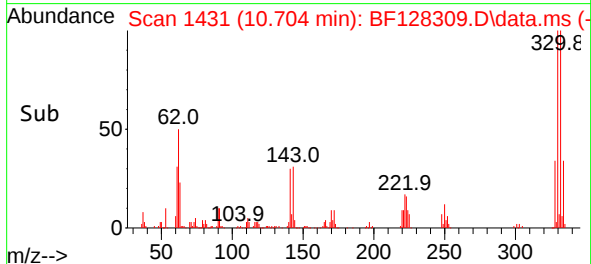
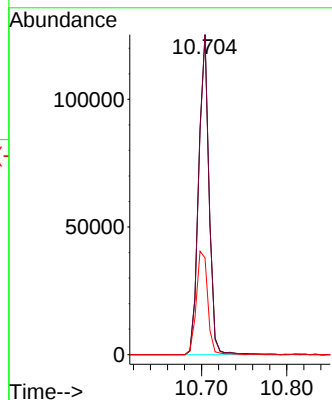
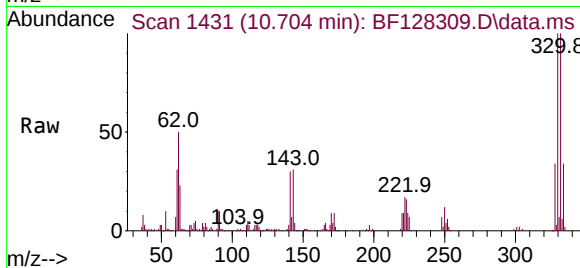
Tgt Ion:330 Resp: 106170

Ion Ratio Lower Upper

330 100

332 99.4 79.0 118.4

141 35.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 70.120 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF128309.D

Acq: 18 May 2022 13:50

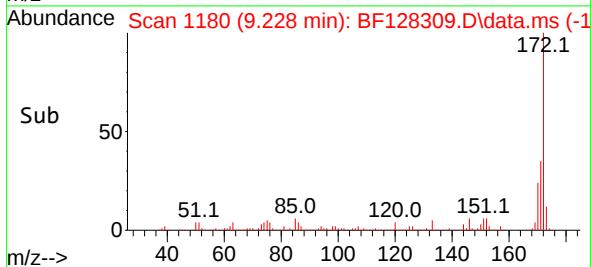
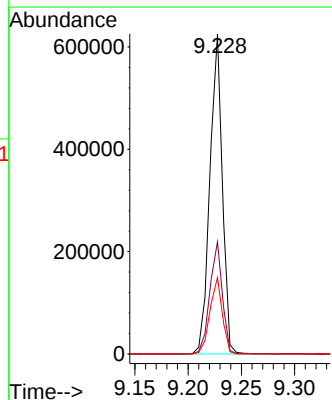
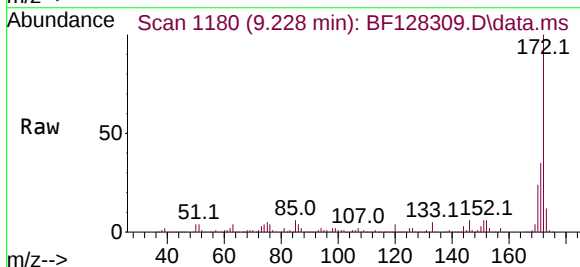
Tgt Ion:172 Resp: 511612

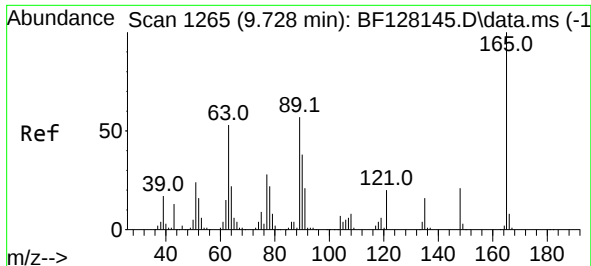
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.9 19.1 28.7

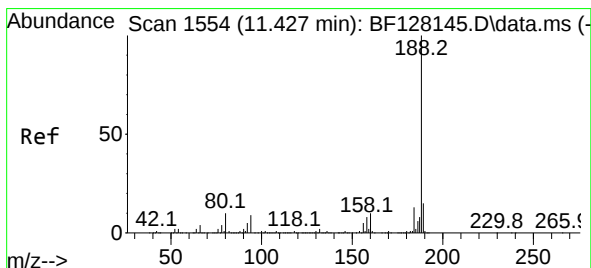
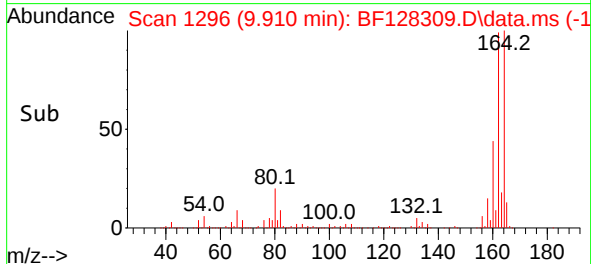
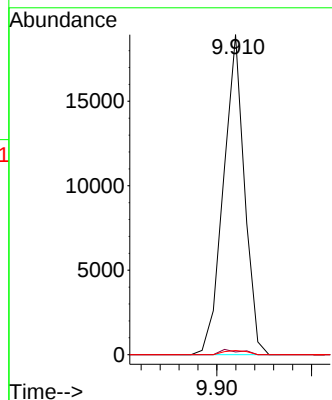
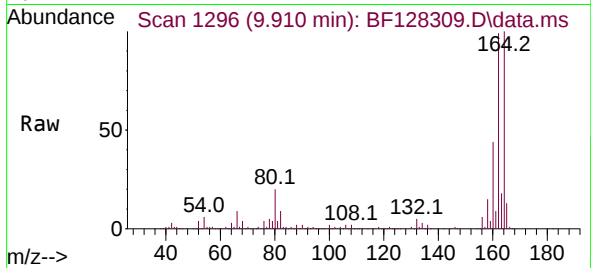




#51
2,6-Dinitrotoluene
Concen: 9.050 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

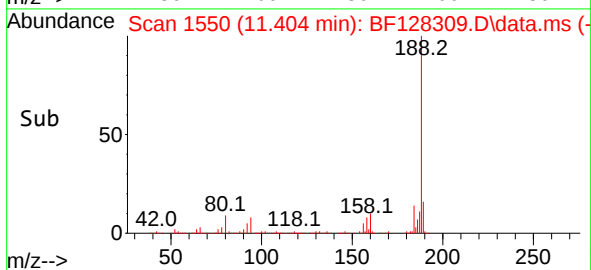
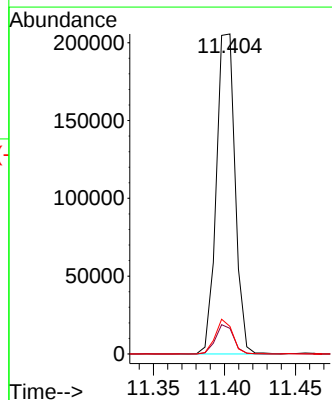
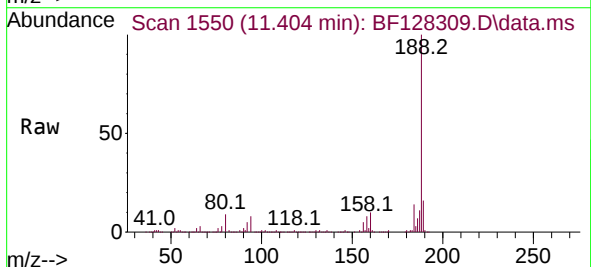
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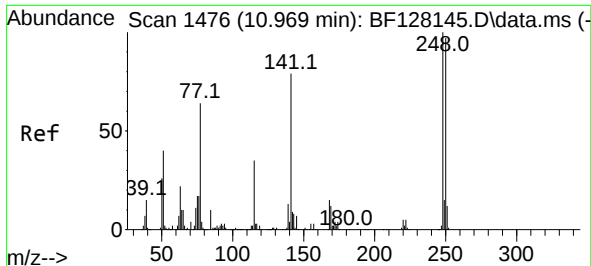
Tgt Ion:165 Resp: 14625
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 1.3 49.0 73.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion:188 Resp: 188605
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 8.6 8.9 13.3#

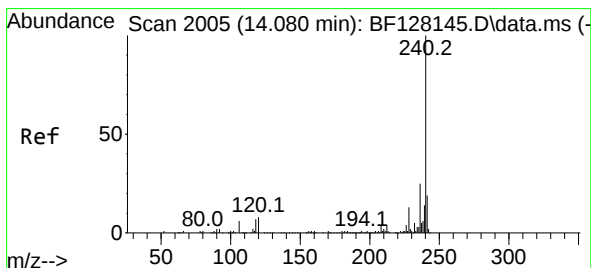
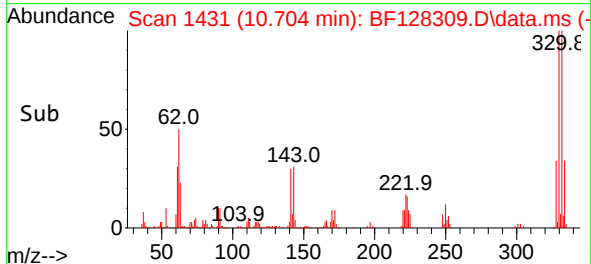
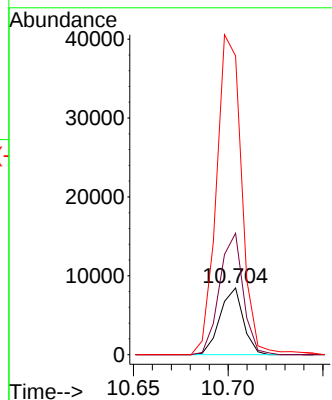
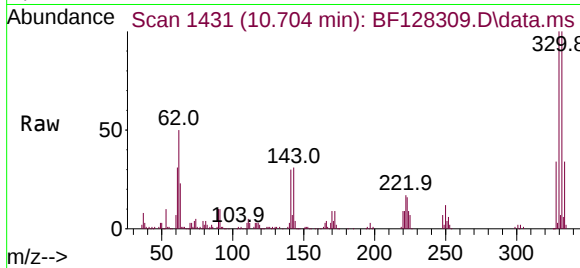




#67
4-Bromophenyl-phenylether
Concen: 3.570 ng
RT: 10.704 min Scan# 1476
Delta R.T. -0.253 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

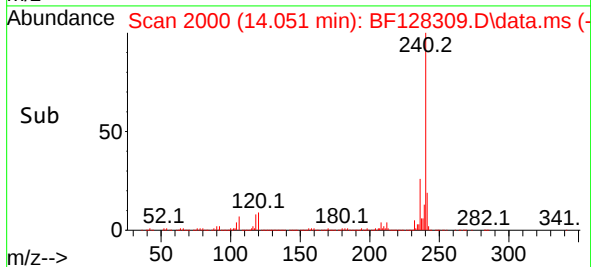
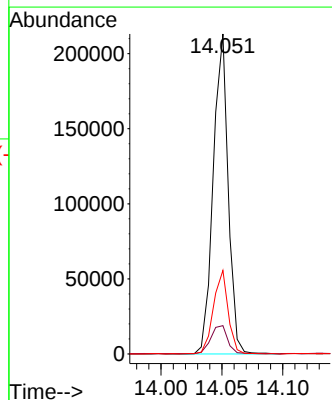
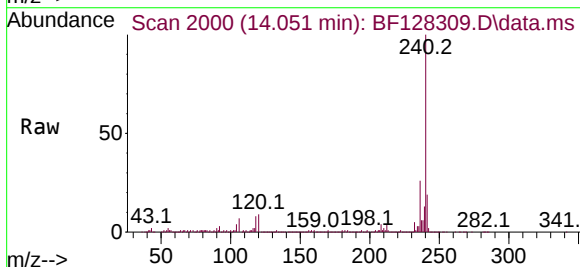
Instrument :
BNA_F
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P003-SS005-0006-01RE

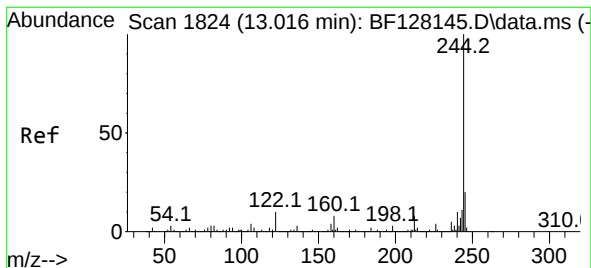
Tgt Ion:248 Resp: 7243
Ion Ratio Lower Upper
248 100
250 182.2 77.7 116.5#
141 448.3 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128309.D
Acq: 18 May 2022 13:50

Tgt Ion:240 Resp: 182344
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 20.3 30.5





#79

Terphenyl-d14

Concen: 52.131 ng

RT: 12.986 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF128309.D

Acq: 18 May 2022 13:50

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01RE

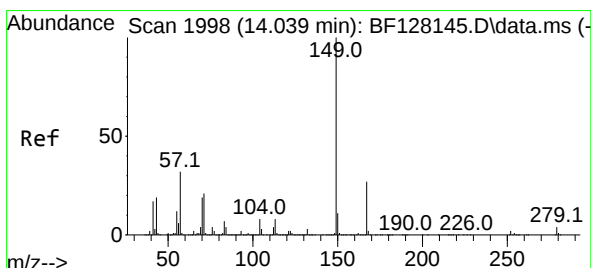
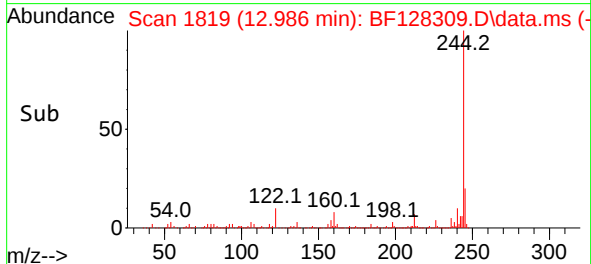
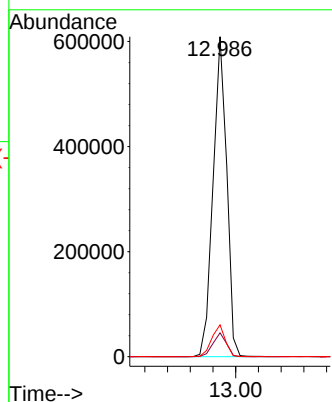
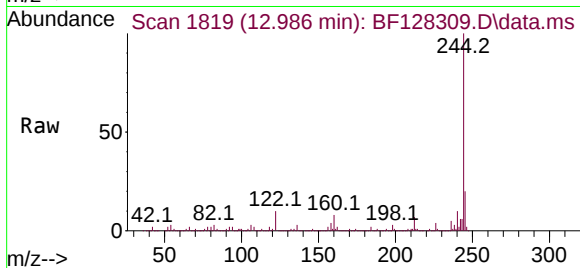
Tgt Ion:244 Resp: 506590

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.4

122 9.9 8.6 12.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.304 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.012 min

Lab File: BF128309.D

Acq: 18 May 2022 13:50

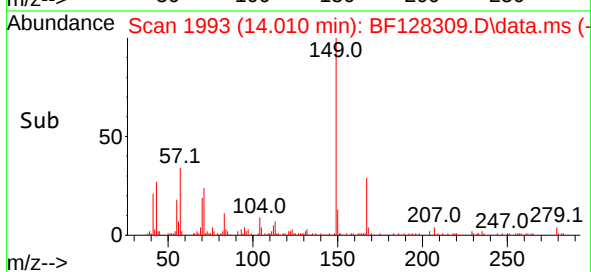
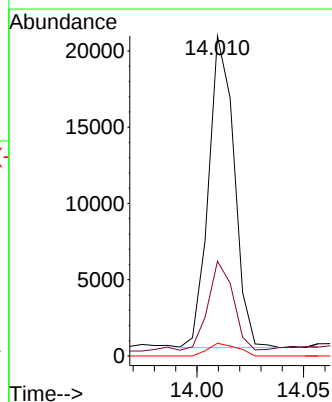
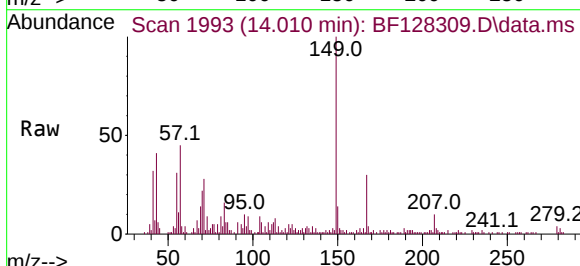
Tgt Ion:149 Resp: 17112

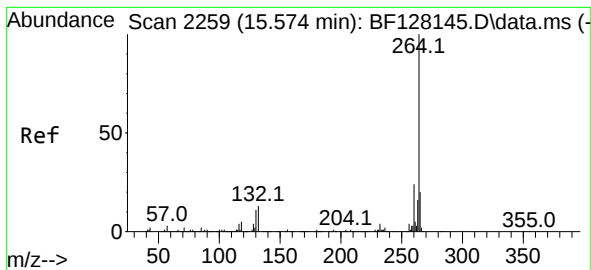
Ion Ratio Lower Upper

149 100

167 29.6 22.0 33.0

279 3.9 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF128309.D

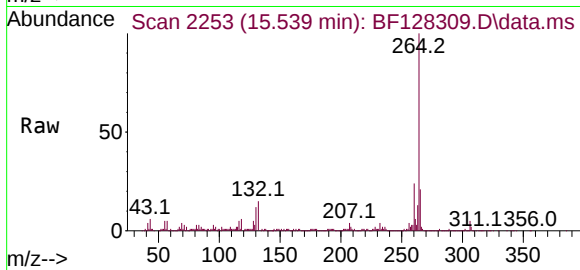
Acq: 18 May 2022 13:50

Instrument :

BNA_F

ClientSampleId :

P003-SS005-0006-01RE



Tgt Ion:264 Resp: 160002

Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 21.3 17.5 26.3

