

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128206.D
 Acq On : 11 May 2022 20:45
 Operator : CG\JU
 Sample : N2762-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15

Quant Time: May 12 06:01:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

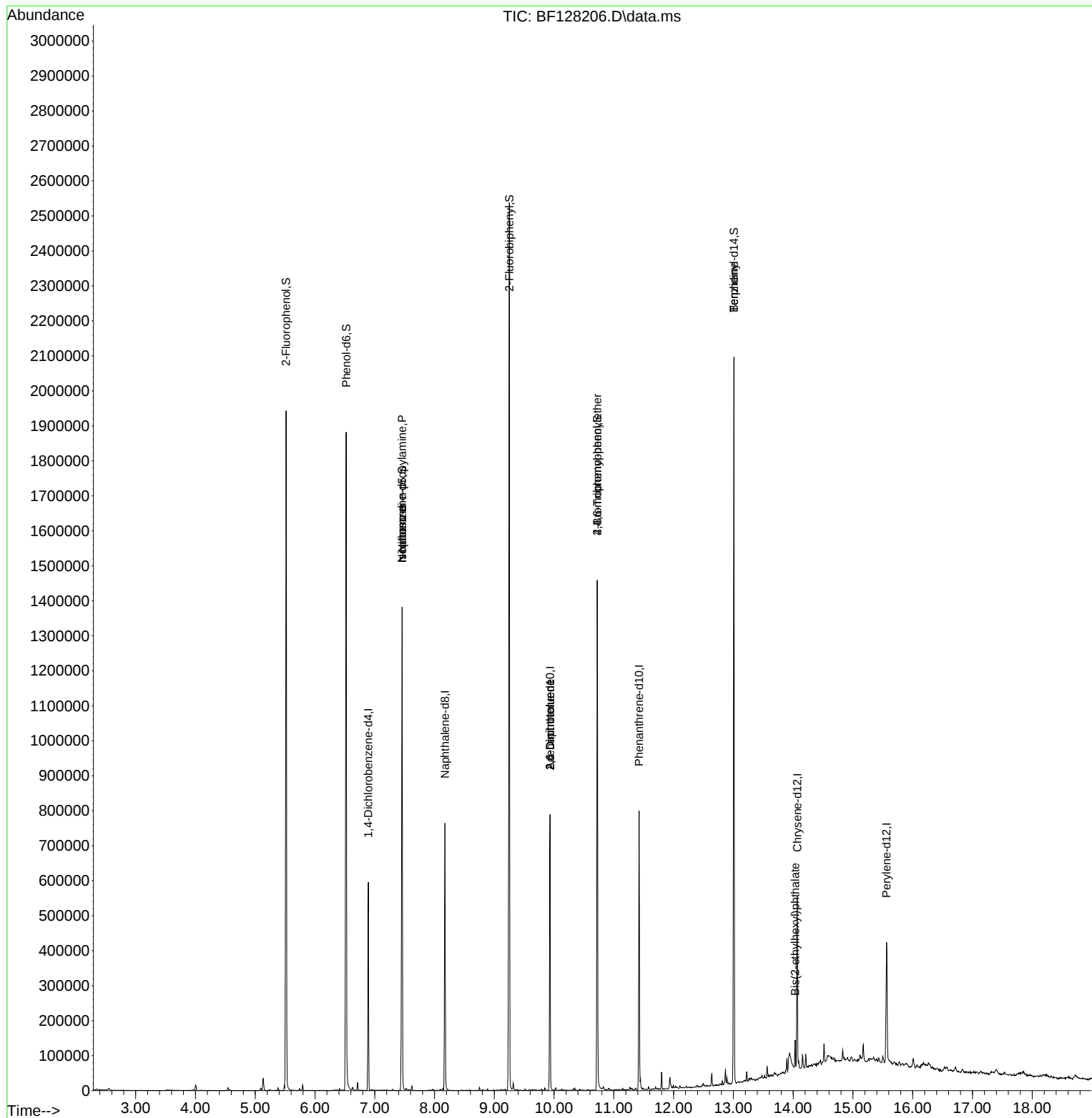
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78207	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	301747	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	163280	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	270790	20.000	ng	0.00
76) Chrysene-d12	14.068	240	164848	20.000	ng	-0.01
86) Perylene-d12	15.562	264	153473	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	490725	100.027	ng	0.00
7) Phenol-d6	6.522	99	634403	97.768	ng	0.00
23) Nitrobenzene-d5	7.457	82	459884	68.578	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	171342	91.498	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	753001	72.159	ng	0.00
79) Terphenyl-d14	13.010	244	662899	75.456	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.457	77	279	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.457	70	63879	15.986	ng	# 78
25) Isophorone	7.457	82	458973	43.656	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	20779	8.990	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	20779	6.723	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	10270	3.525	ng	# 1
77) Benzidine	13.010	184	9596	2.688	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.033	149	21084	3.140	ng	96

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

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Quant Time: May 12 06:01:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
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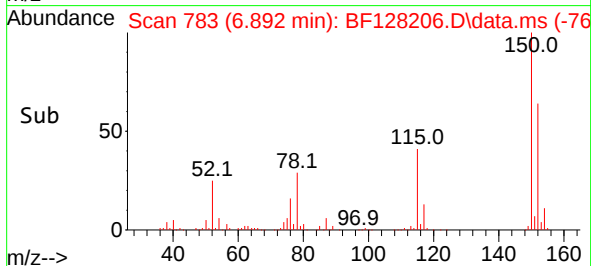
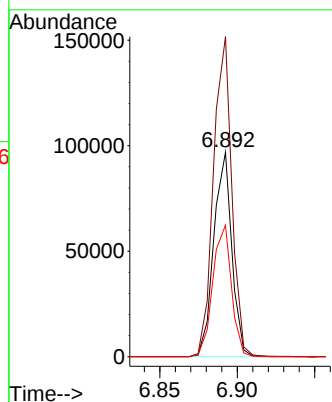
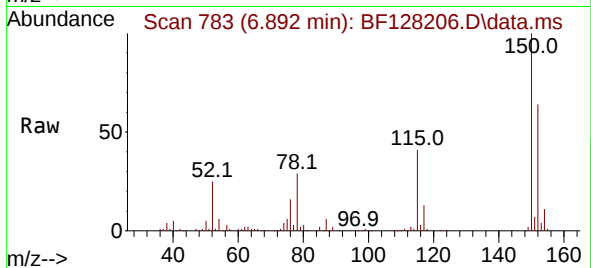




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BF128206.D
 Acq: 11 May 2022 20:45

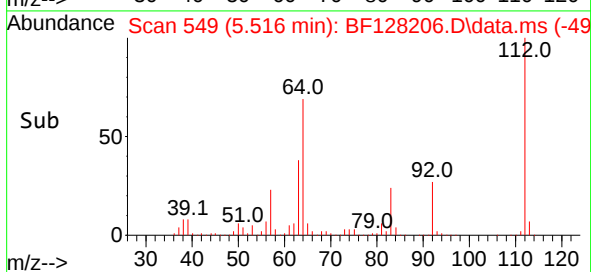
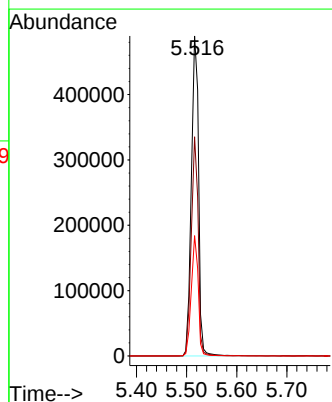
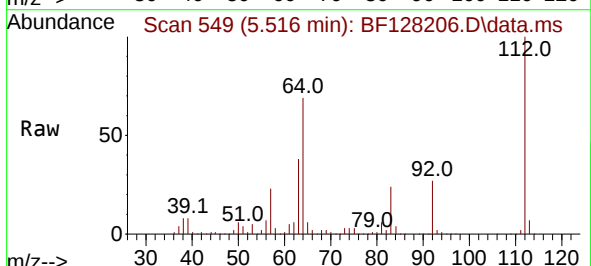
Instrument :
 BNA_F
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 SB15

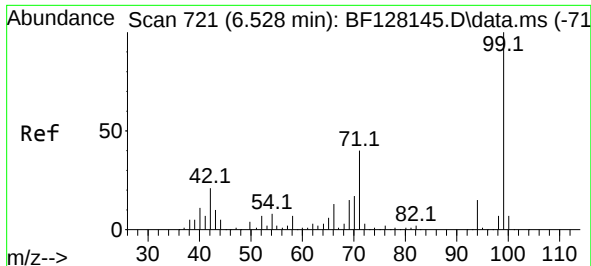
Tgt Ion:152 Resp: 78207
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.3 187.9
 115 64.3 48.8 73.2



#5
 2-Fluorophenol
 Concen: 100.027 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF128206.D
 Acq: 11 May 2022 20:45

Tgt Ion:112 Resp: 490725
 Ion Ratio Lower Upper
 112 100
 64 68.5 49.5 74.3
 63 37.6 26.3 39.5

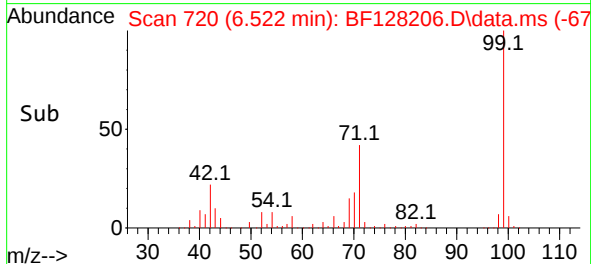
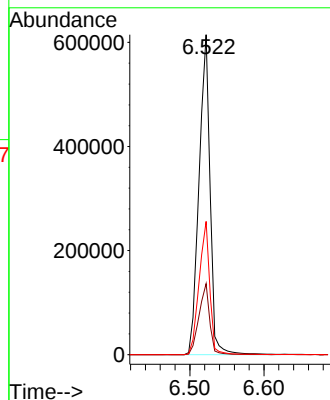
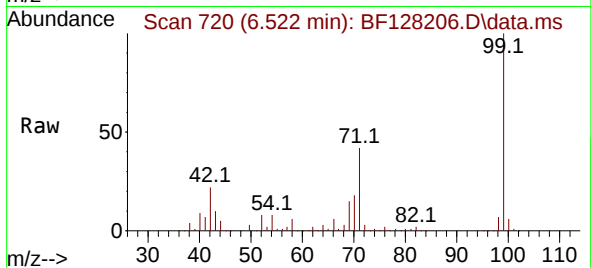




#7
Phenol-d6
Concen: 97.768 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

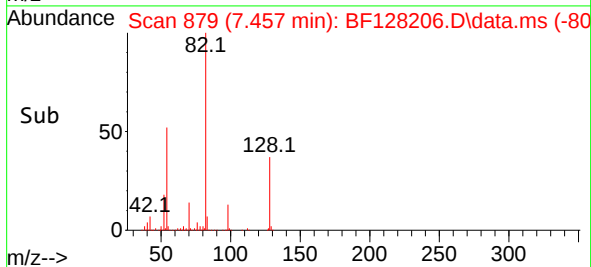
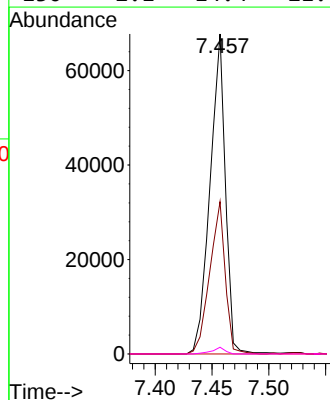
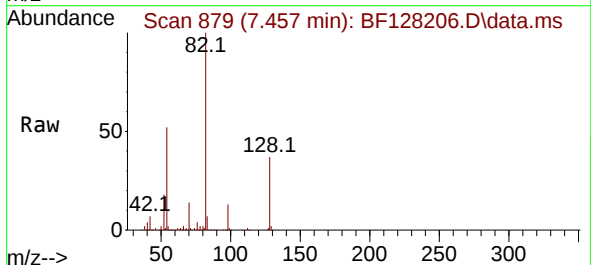
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion: 99 Resp: 634403
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 41.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.986 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

Tgt Ion: 70 Resp: 63879
Ion Ratio Lower Upper
70 100
42 47.6 48.7 73.1#
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

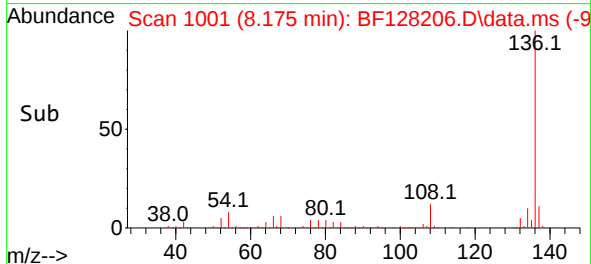
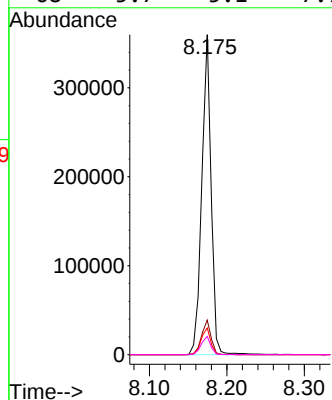
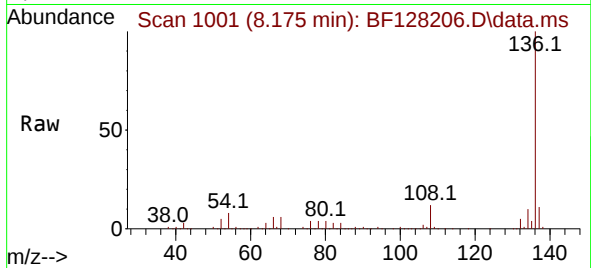




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

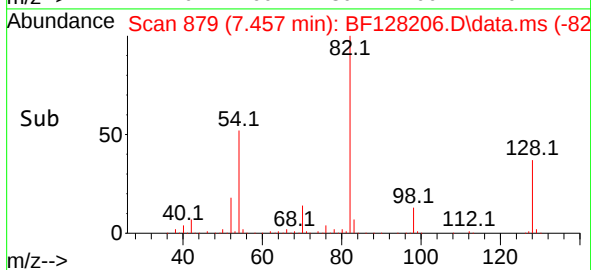
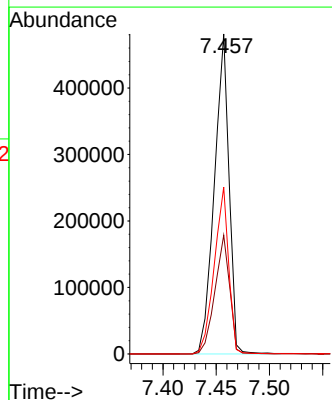
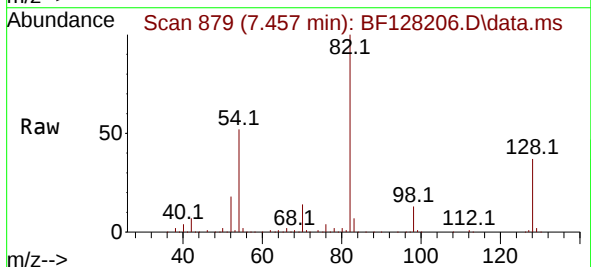
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion:136 Resp: 301747
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.8 10.2
68 5.7 5.1 7.7



#23
Nitrobenzene-d5
Concen: 68.578 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

Tgt Ion: 82 Resp: 459884
Ion Ratio Lower Upper
82 100
128 37.1 30.0 45.0
54 52.1 41.3 61.9

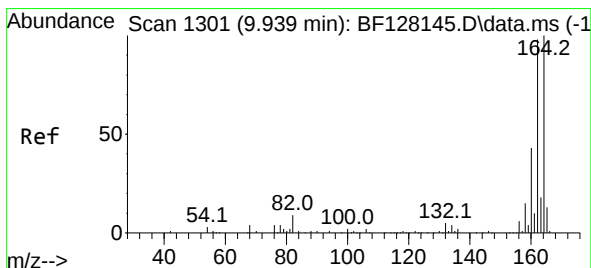
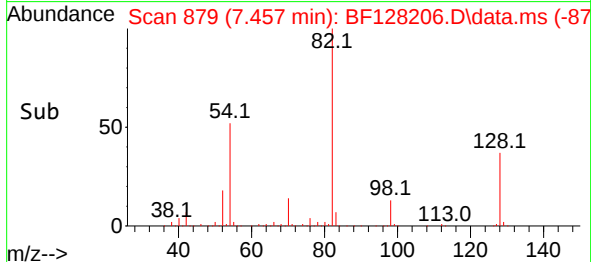
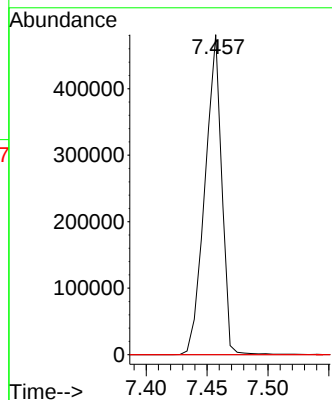
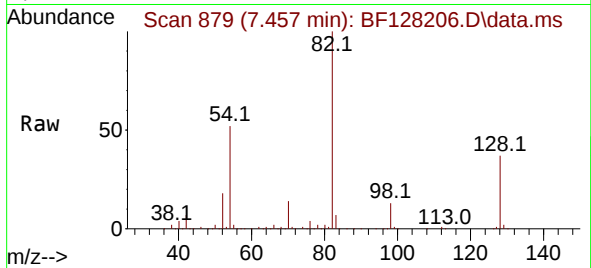




#25
Isophorone
Concen: 43.656 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

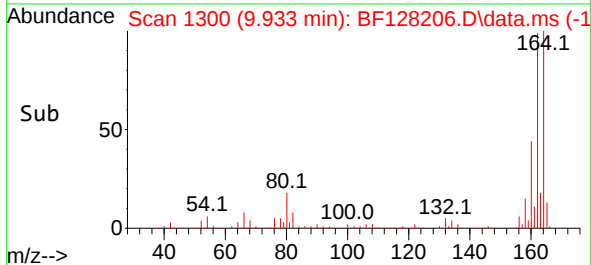
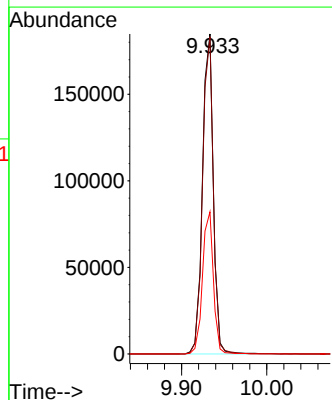
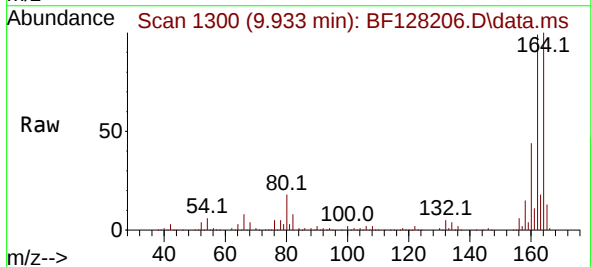
Instrument :
BNA_F
ClientSampleId :
SB15

Tgt Ion: 82 Resp: 458973
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: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

Tgt Ion:164 Resp: 163280
Ion Ratio Lower Upper
164 100
162 99.1 76.0 114.0
160 44.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 91.498 ng

RT: 10.722 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128206.D

Acq: 11 May 2022 20:45

Instrument :

BNA_F

ClientSampleId :

SB15

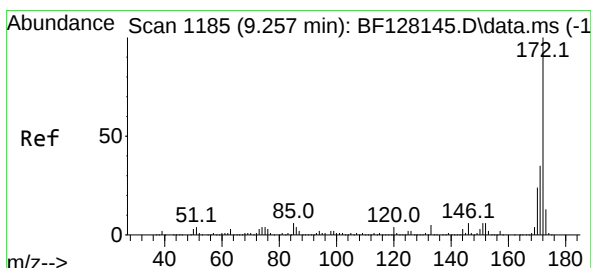
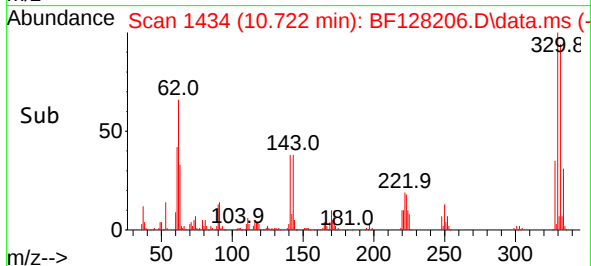
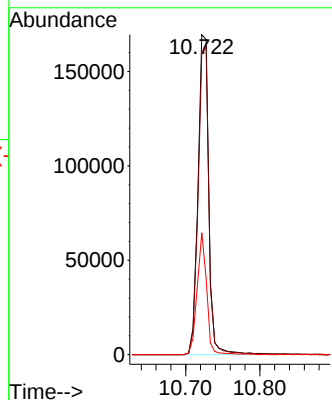
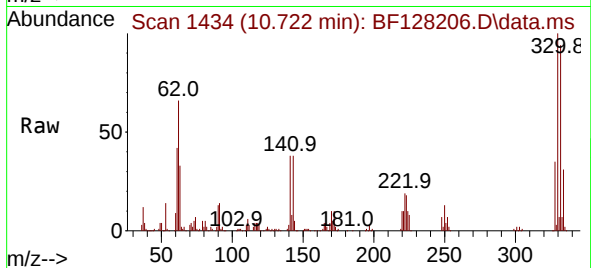
Tgt Ion:330 Resp: 171342

Ion Ratio Lower Upper

330 100

332 94.9 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 72.159 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128206.D

Acq: 11 May 2022 20:45

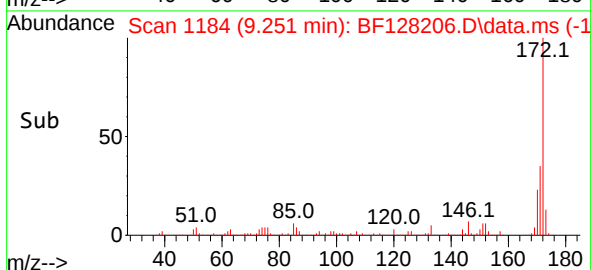
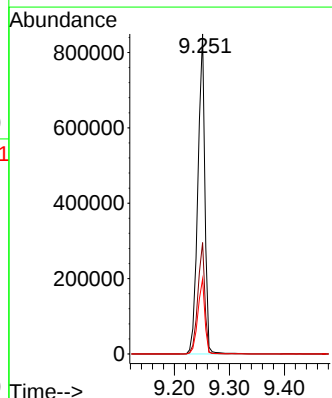
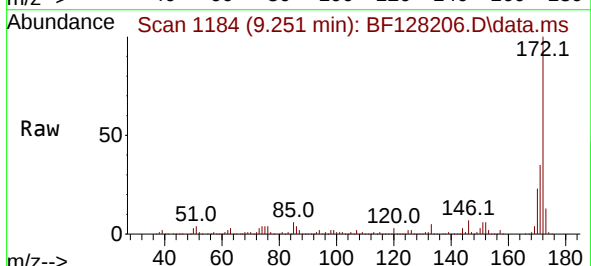
Tgt Ion:172 Resp: 753001

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.4 19.1 28.7

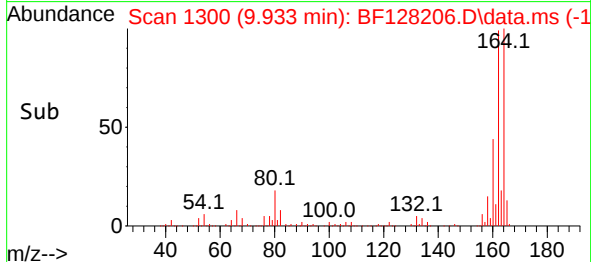
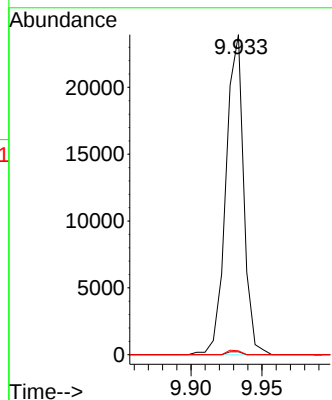
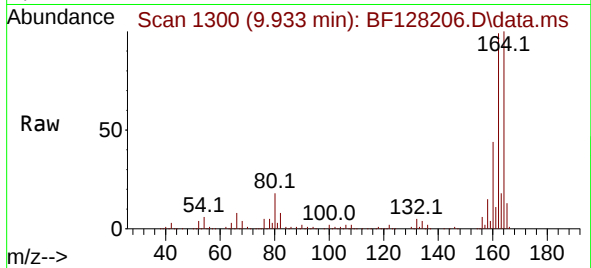




#51
2,6-Dinitrotoluene
Concen: 8.990 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

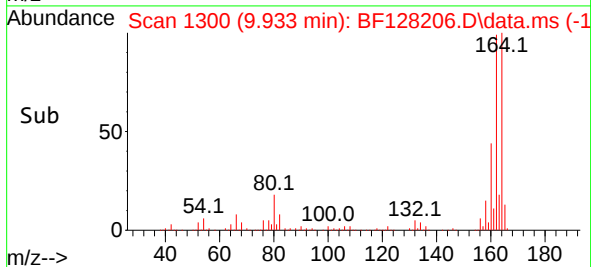
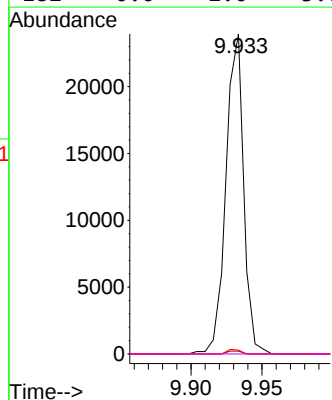
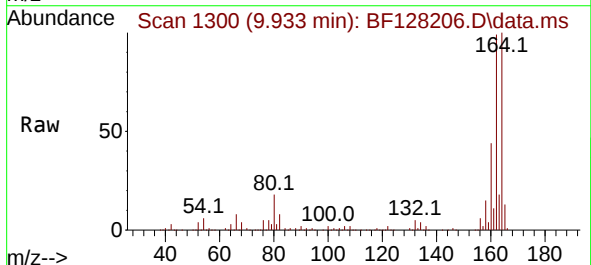
Instrument :
BNA_F
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SB15

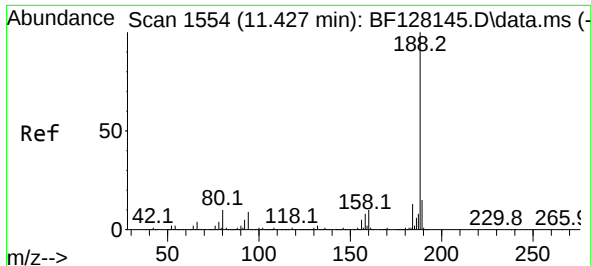
Tgt Ion:165 Resp: 20779
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.723 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

Tgt Ion:165 Resp: 20779
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

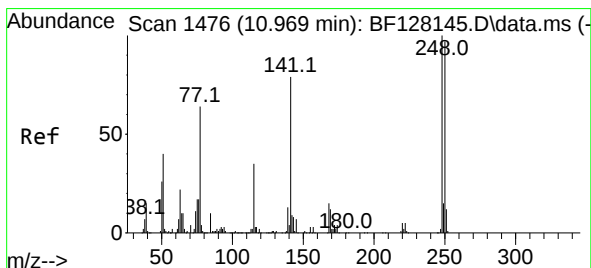
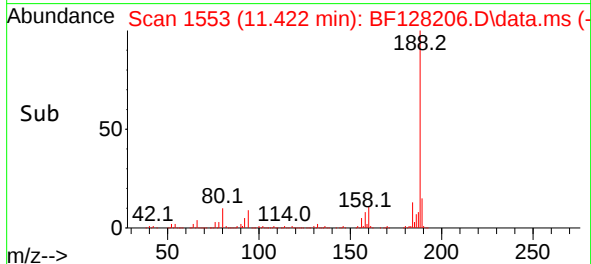
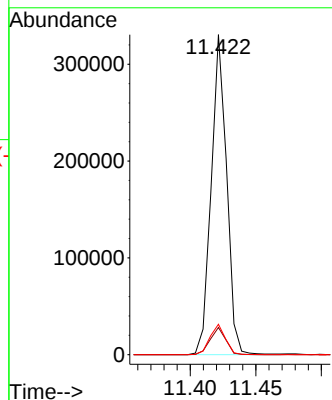
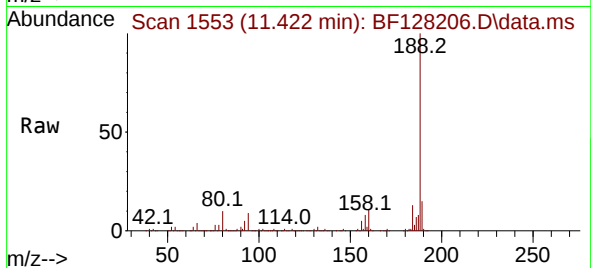




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

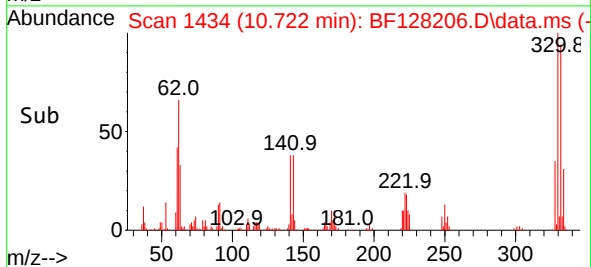
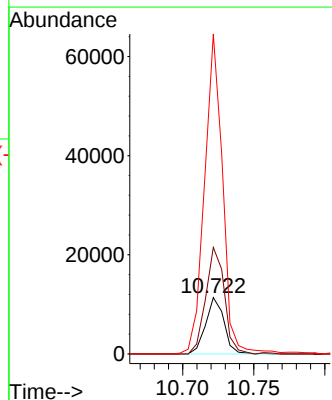
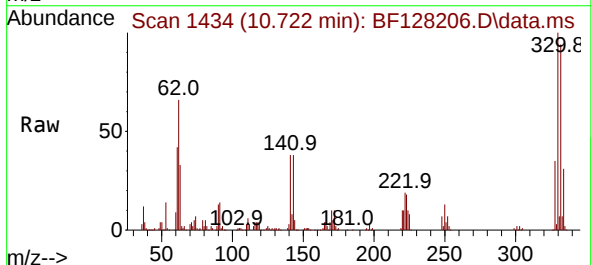
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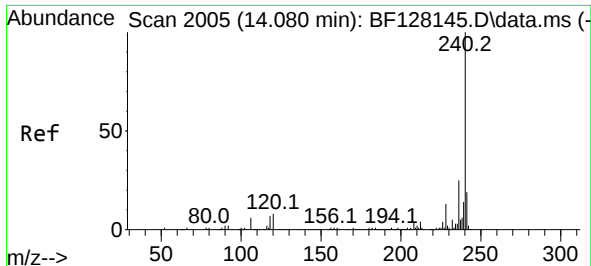
Tgt Ion:188 Resp: 270790
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

Tgt Ion:248 Resp: 10270
Ion Ratio Lower Upper
248 100
250 189.1 77.7 116.5#
141 568.3 65.6 98.4#

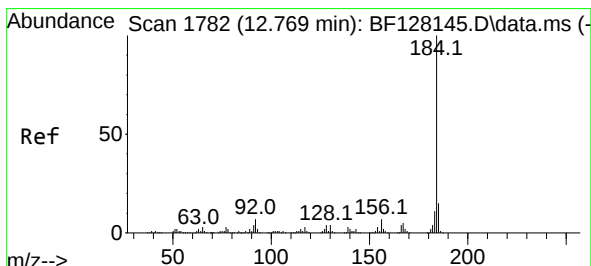
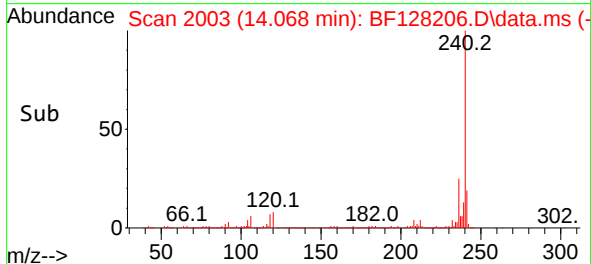
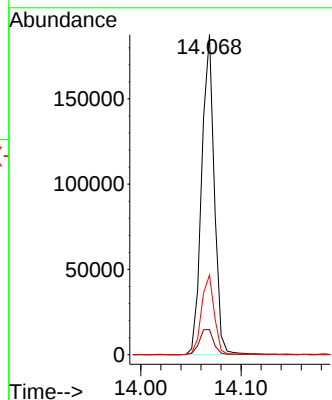
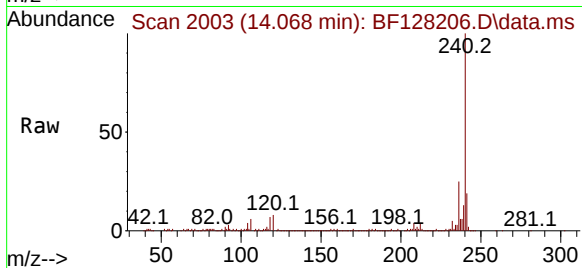




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

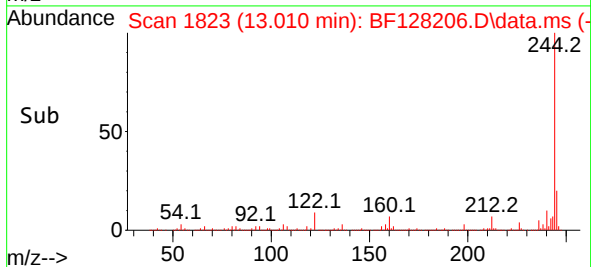
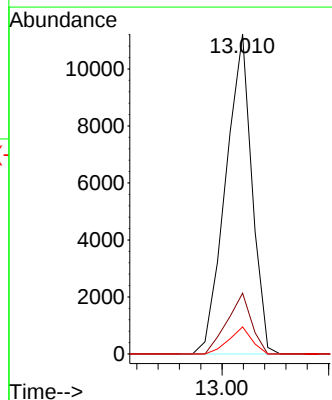
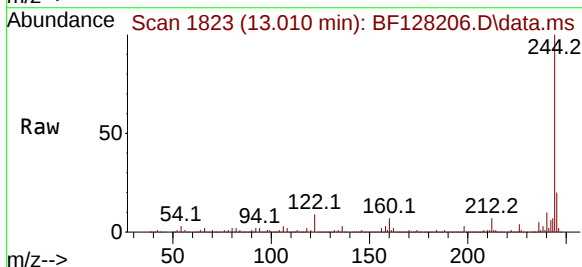
Instrument :
BNA_F
ClientSampleId :
SB15

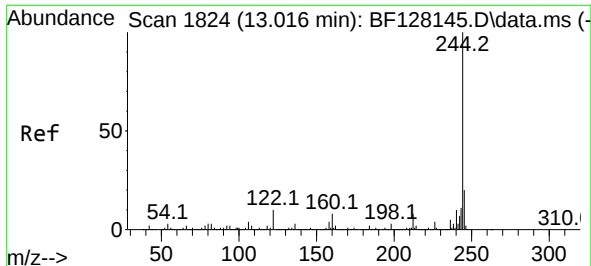
Tgt Ion:240 Resp: 164848
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 24.9 20.3 30.5



#77
Benzidine
Concen: 2.688 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

Tgt Ion:184 Resp: 9596
Ion Ratio Lower Upper
184 100
185 19.0 12.1 18.1#
183 8.5 9.0 13.4#

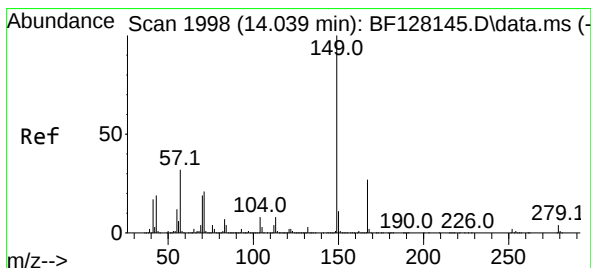
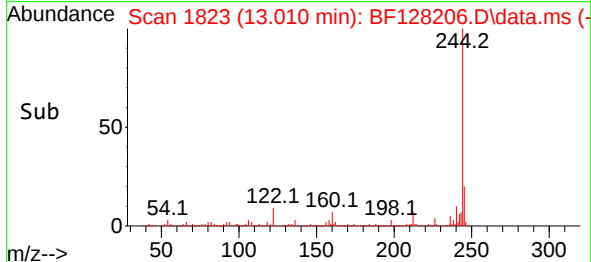
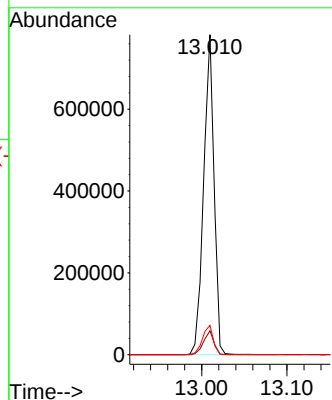
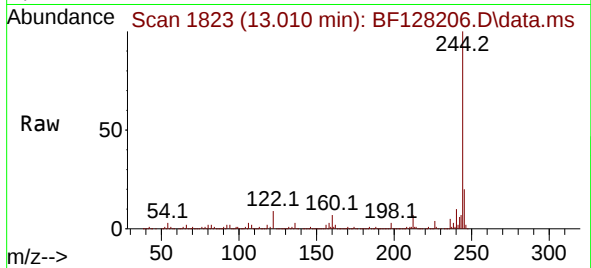




#79
 Terphenyl-d14
 Concen: 75.456 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128206.D
 Acq: 11 May 2022 20:45

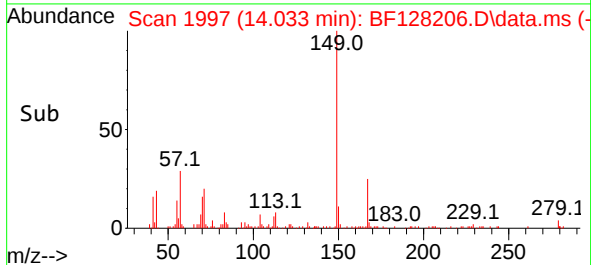
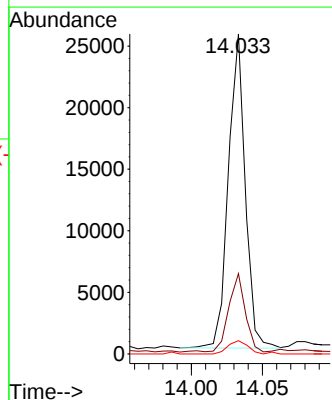
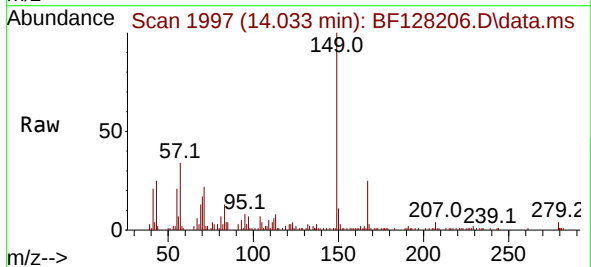
Instrument :
 BNA_F
 ClientSampleId :
 SB15

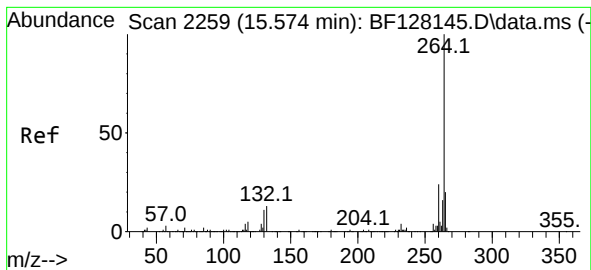
Tgt Ion:244 Resp: 662899
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.2 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.140 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF128206.D
 Acq: 11 May 2022 20:45

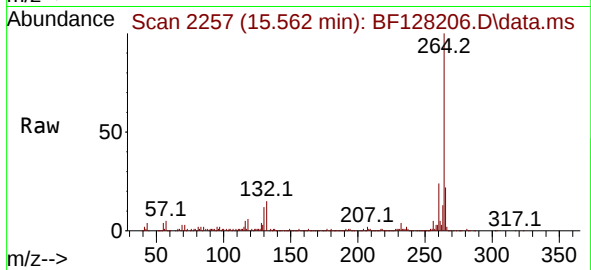
Tgt Ion:149 Resp: 21084
 Ion Ratio Lower Upper
 149 100
 167 25.1 22.0 33.0
 279 4.2 3.4 5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128206.D
Acq: 11 May 2022 20:45

Instrument :
BNA_F
ClientSampleId :
SB15



Tgt Ion:264 Resp: 153473
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 21.9 17.5 26.3

