

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127691.D
 Acq On : 07 Apr 2022 19:01
 Operator : CG\JU
 Sample : N2298-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB21139

Quant Time: Apr 08 04:45:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

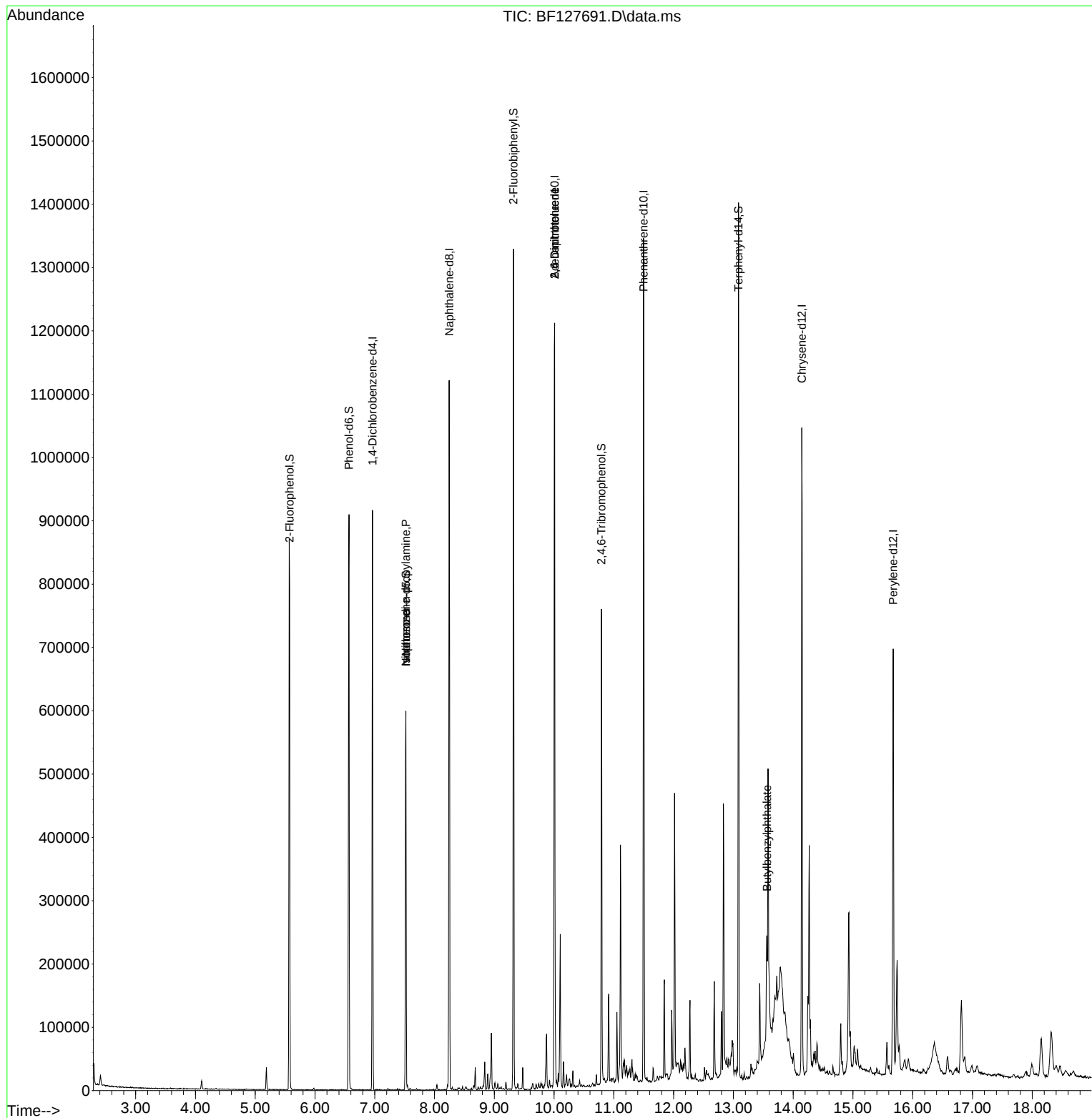
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	120117	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	445895	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	254760	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	478776	20.000	ng	0.00
76) Chrysene-d12	14.145	240	346280	20.000	ng	-0.01
86) Perylene-d12	15.674	264	312030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	217106	29.369	ng	0.00
7) Phenol-d6	6.569	99	271093	28.033	ng	-0.01
23) Nitrobenzene-d5	7.522	82	182420	18.239	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	81486	30.057	ng	-0.01
45) 2-Fluorobiphenyl	9.322	172	374774	20.811	ng	0.00
79) Terphenyl-d14	13.086	244	438738	20.913	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.563	77	446	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.522	70	23916	3.824 ng	#	77
25) Isophorone	7.522	82	182418	10.452 ng	#	70
51) 2,6-Dinitrotoluene	10.010	165	33131	9.518 ng	#	17
57) 2,4-Dinitrotoluene	10.010	165	33131	7.677 ng	#	13
80) Butylbenzylphthalate	13.563	149	22090	2.029 ng		90

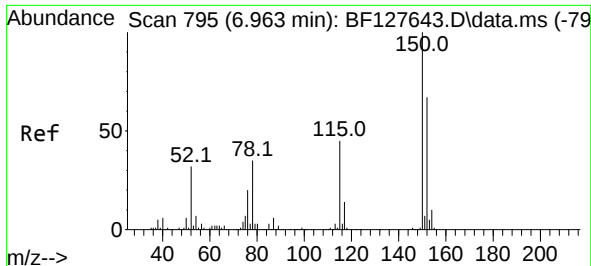
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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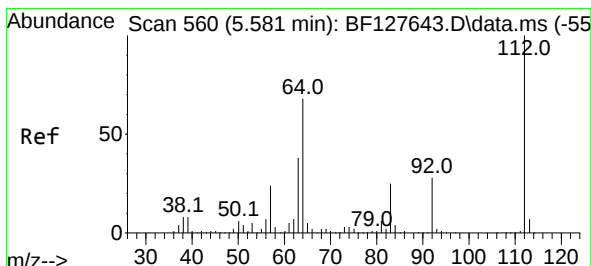
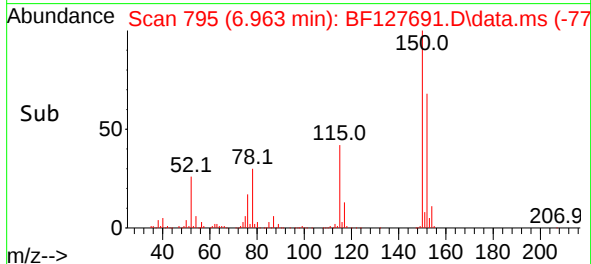
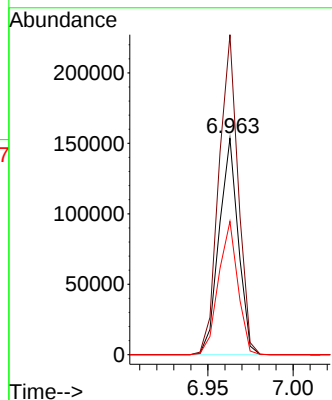
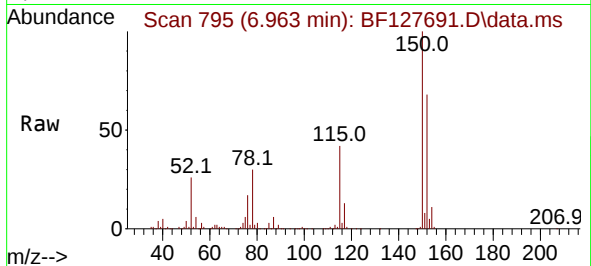




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

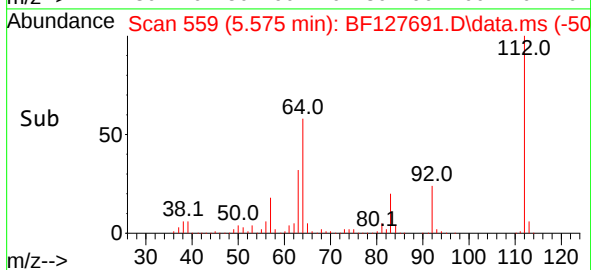
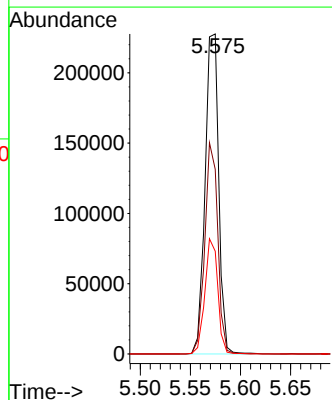
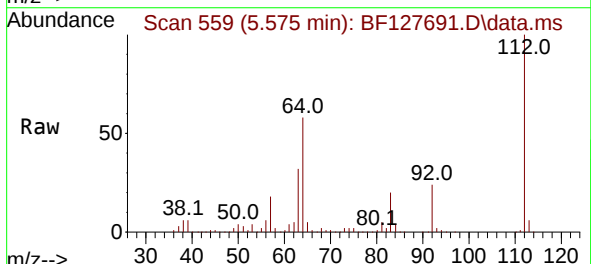
Instrument :
BNA_F
ClientSampleId :
RB21139

Tgt Ion:152 Resp: 120117
Ion Ratio Lower Upper
152 100
150 147.8 117.2 175.8
115 61.6 49.8 74.6



#5
2-Fluorophenol
Concen: 29.369 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

Tgt Ion:112 Resp: 217106
Ion Ratio Lower Upper
112 100
64 57.7 58.4 87.6#
63 32.1 30.1 45.1

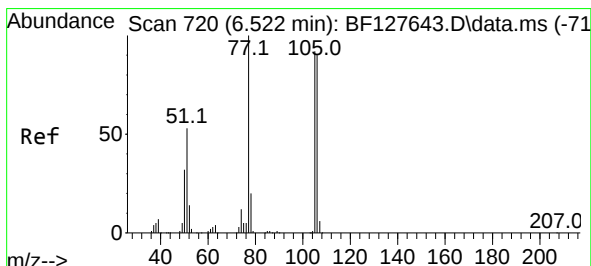
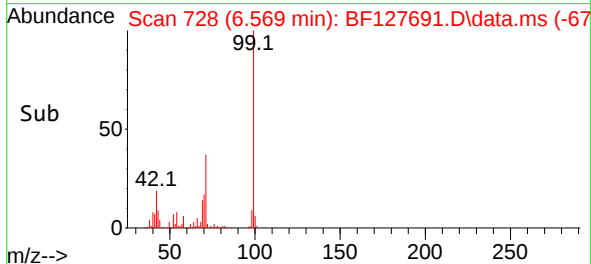
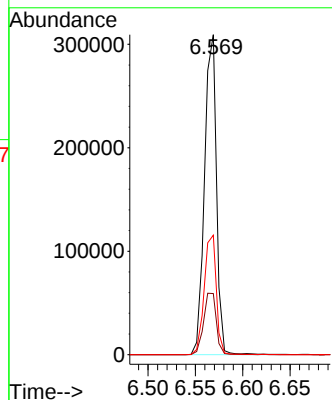
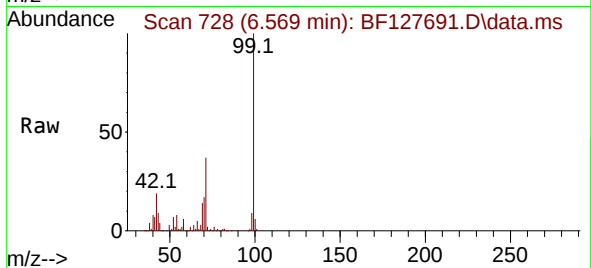




#7
Phenol-d6
Concen: 28.033 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

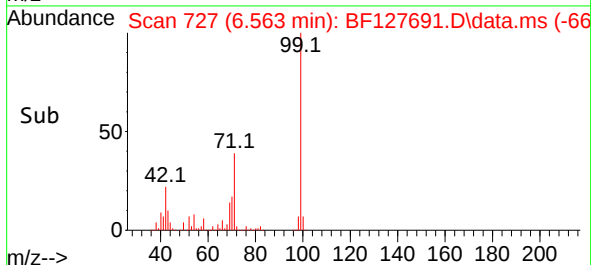
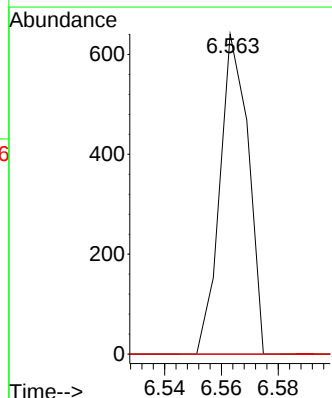
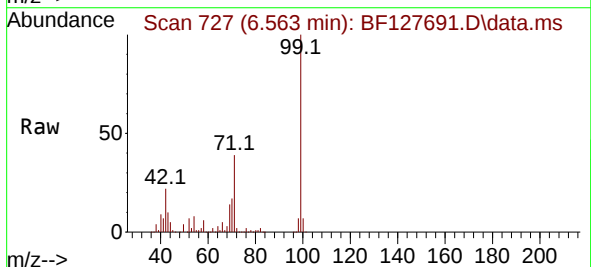
Instrument :
BNA_F
ClientSampleId :
RB21139

Tgt Ion: 99 Resp: 271093
Ion Ratio Lower Upper
99 100
42 19.1 17.8 26.6
71 37.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.563 min Scan# 727
Delta R.T. 0.041 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

Tgt Ion: 77 Resp: 446
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 3.824 ng

RT: 7.522 min Scan# 89

Delta R.T. 0.141 min

Lab File: BF127691.D

Acq: 07 Apr 2022 19:01

Instrument :

BNA_F

ClientSampleId :

RB21139

Tgt Ion: 70 Resp: 23916

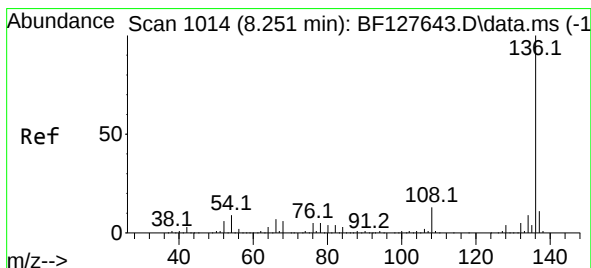
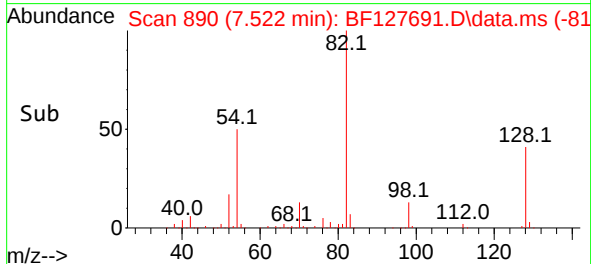
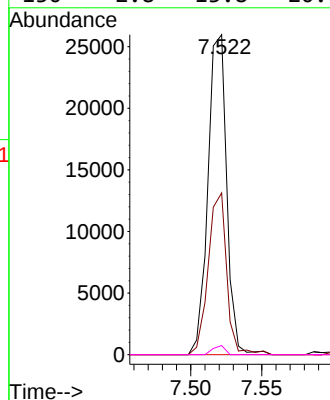
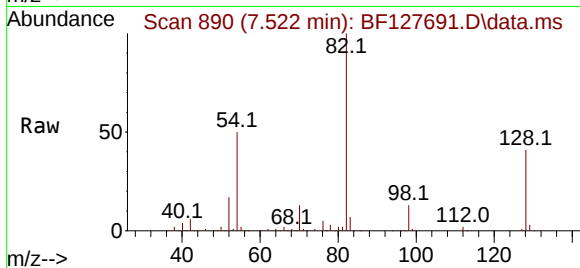
Ion Ratio Lower Upper

70 100

42 50.6 53.0 79.6#

101 0.0 6.8 10.2#

130 2.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF127691.D

Acq: 07 Apr 2022 19:01

Tgt Ion:136 Resp: 445895

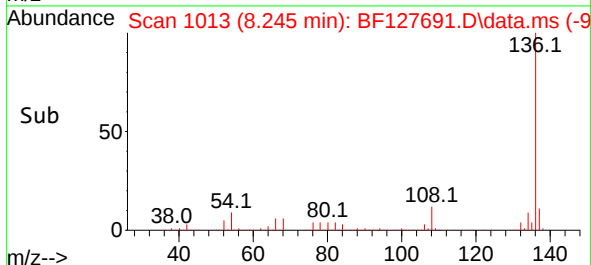
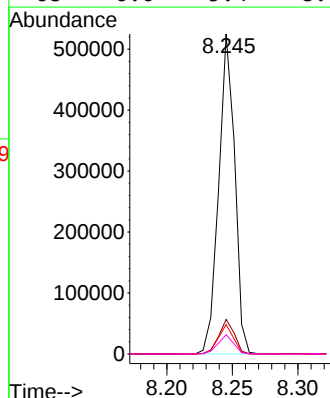
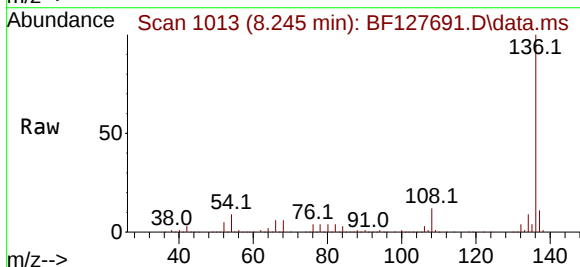
Ion Ratio Lower Upper

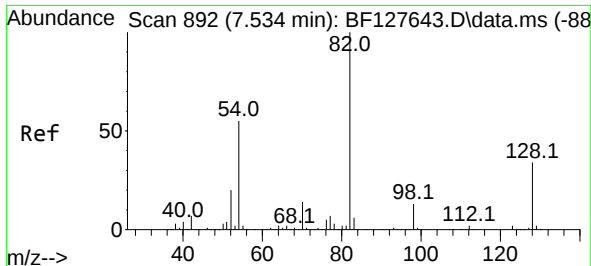
136 100

137 10.8 8.6 13.0

54 9.2 9.2 13.8

68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 18.239 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127691.D

Acq: 07 Apr 2022 19:01

Instrument :

BNA_F

ClientSampleId :

RB21139

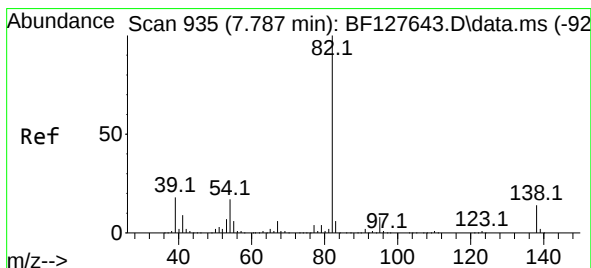
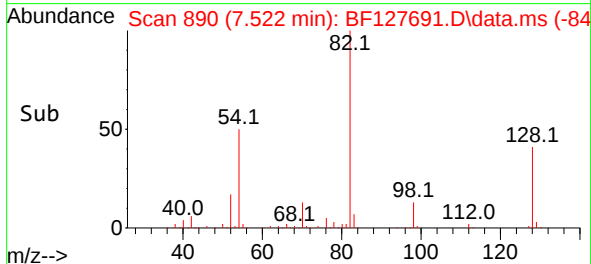
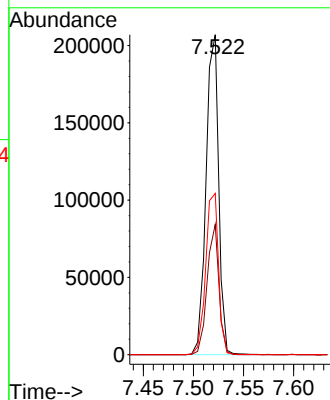
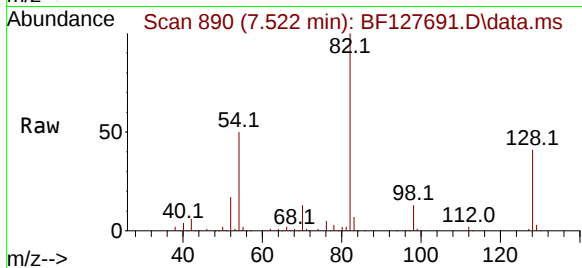
Tgt Ion: 82 Resp: 182420

Ion Ratio Lower Upper

82 100

128 40.7 30.6 45.8

54 50.4 48.2 72.2



#25

Isophorone

Concen: 10.452 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127691.D

Acq: 07 Apr 2022 19:01

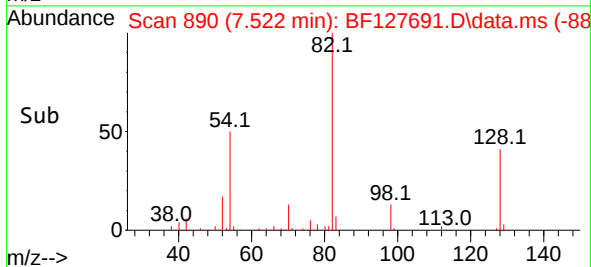
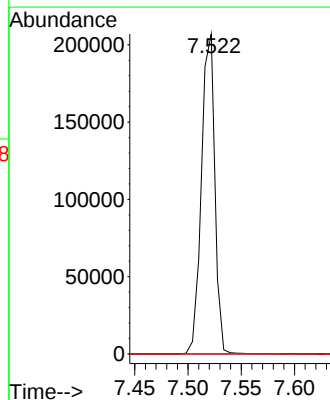
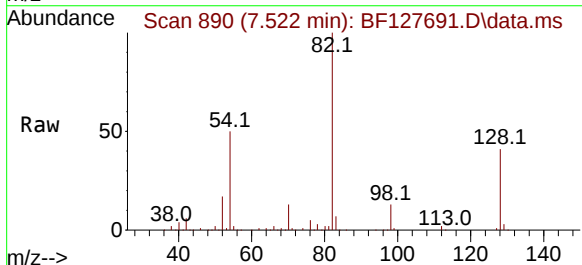
Tgt Ion: 82 Resp: 182418

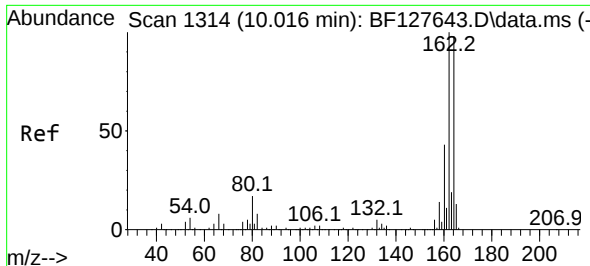
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

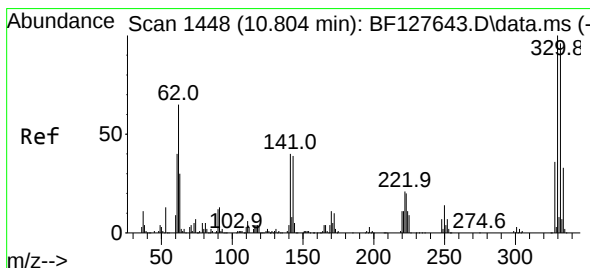
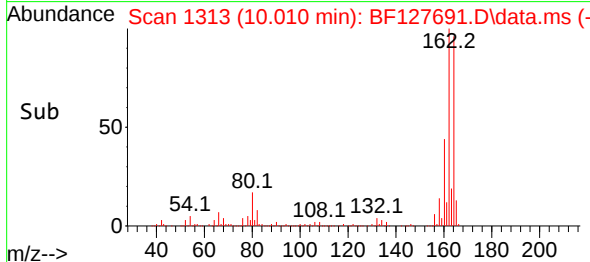
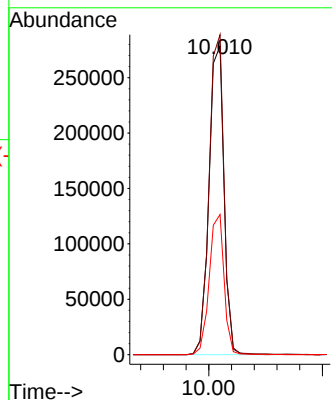
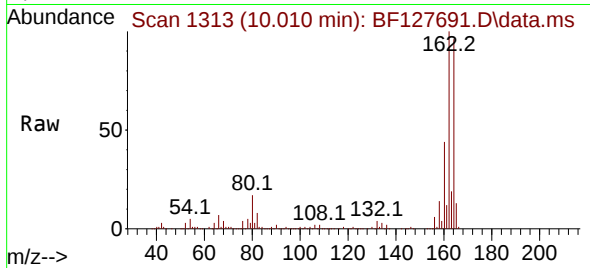




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

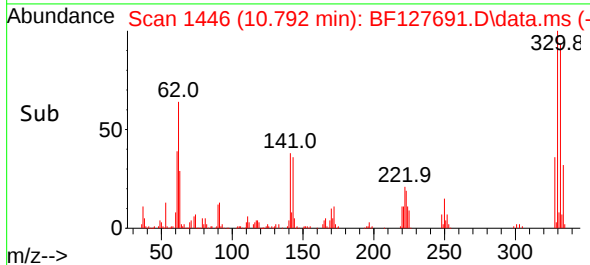
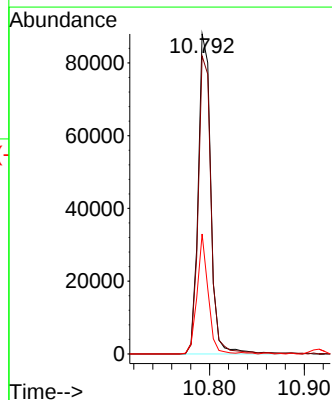
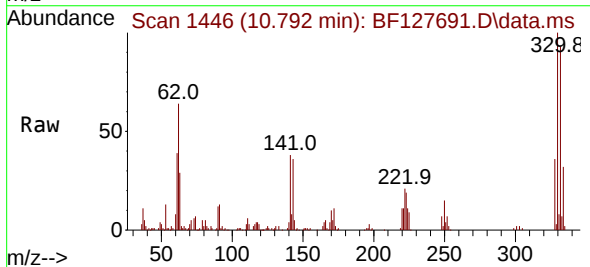
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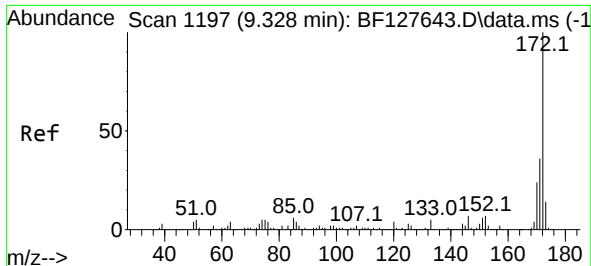
Tgt Ion:164 Resp: 254760
Ion Ratio Lower Upper
164 100
162 103.7 81.2 121.8
160 45.4 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 30.057 ng
RT: 10.792 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

Tgt Ion:330 Resp: 81486
Ion Ratio Lower Upper
330 100
332 95.0 79.1 118.7
141 32.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 20.811 ng

RT: 9.322 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF127691.D

Acq: 07 Apr 2022 19:01

Instrument :

BNA_F

ClientSampleId :

RB21139

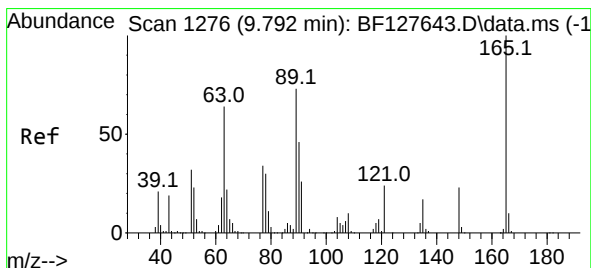
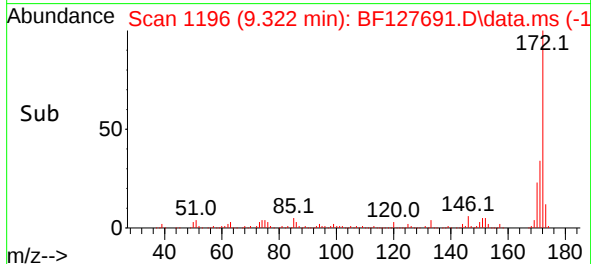
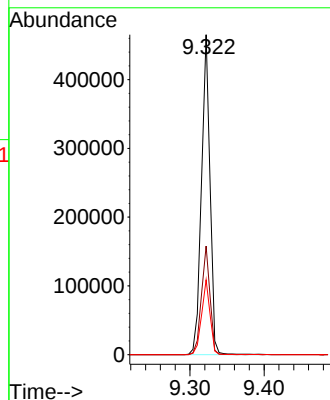
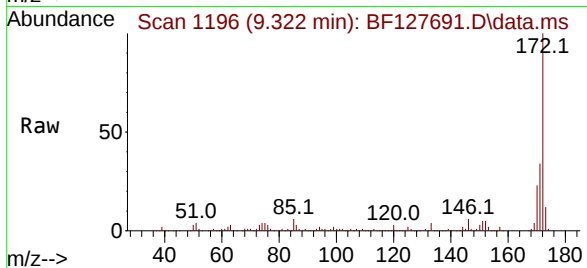
Tgt Ion:172 Resp: 374774

Ion Ratio Lower Upper

172 100

171 33.9 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.518 ng

RT: 10.010 min Scan# 1313

Delta R.T. 0.218 min

Lab File: BF127691.D

Acq: 07 Apr 2022 19:01

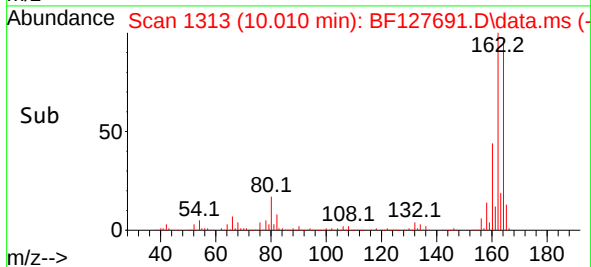
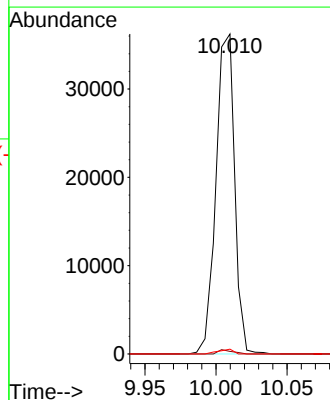
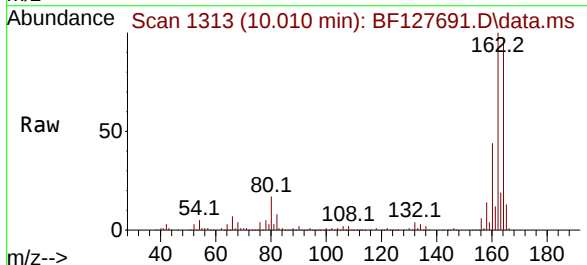
Tgt Ion:165 Resp: 33131

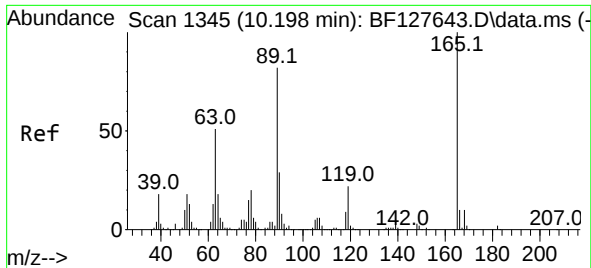
Ion Ratio Lower Upper

165 100

63 0.8 58.3 87.5#

89 1.5 51.5 77.3#

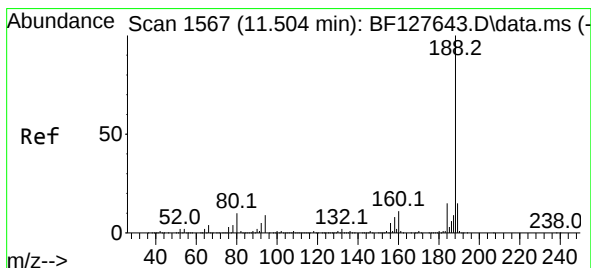
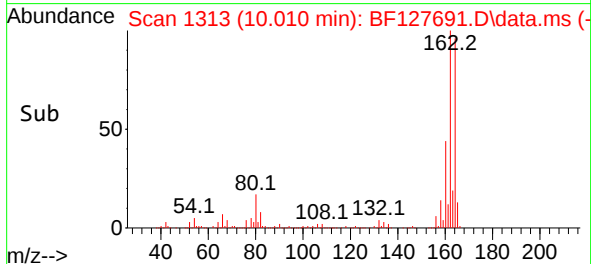
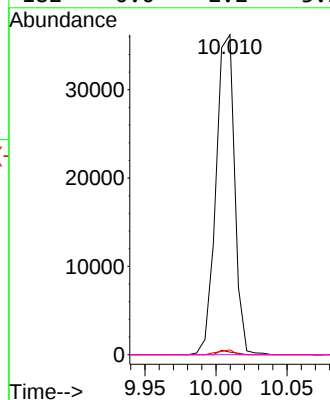
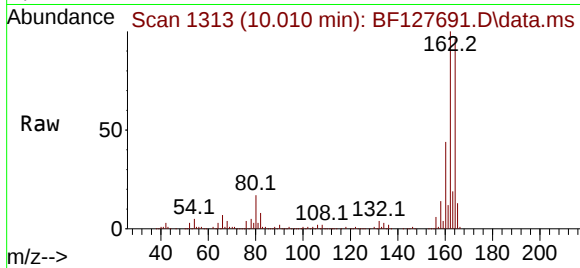




#57
2,4-Dinitrotoluene
Concen: 7.677 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

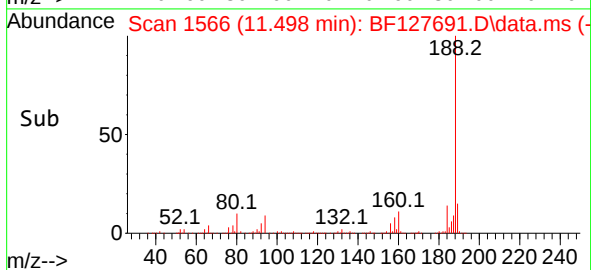
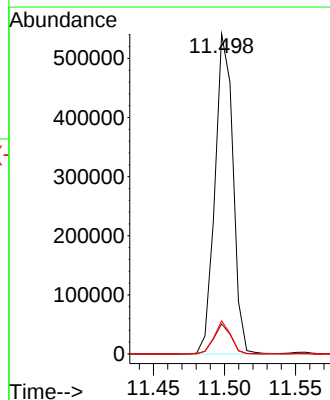
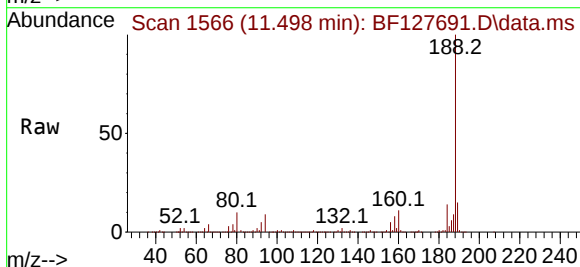
Instrument :
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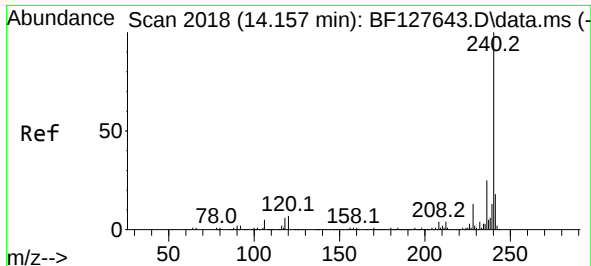
Tgt Ion:165 Resp: 33131
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

Tgt Ion:188 Resp: 478776
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.3 8.0 12.0

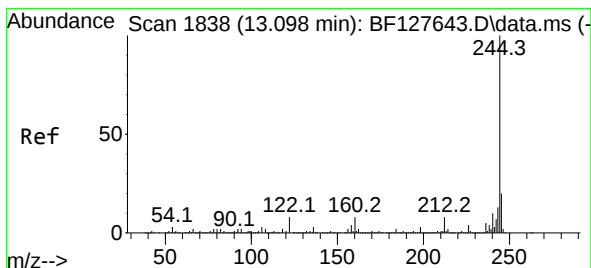
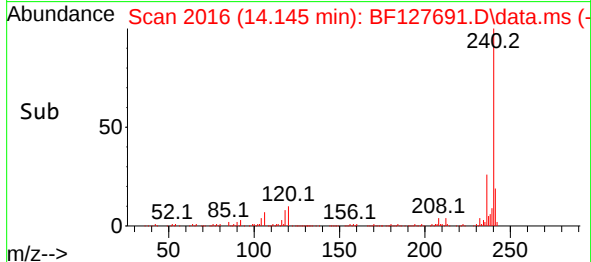
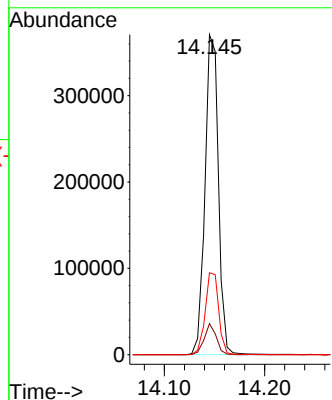
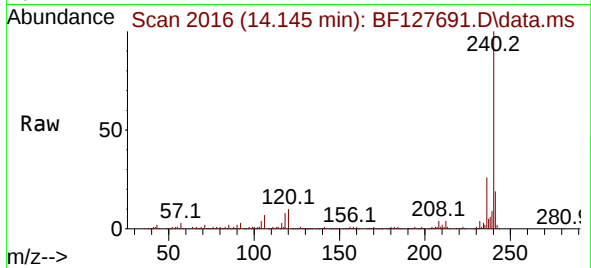




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

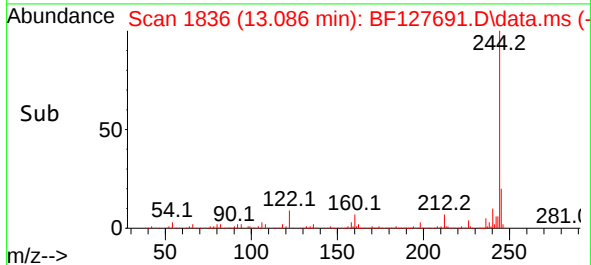
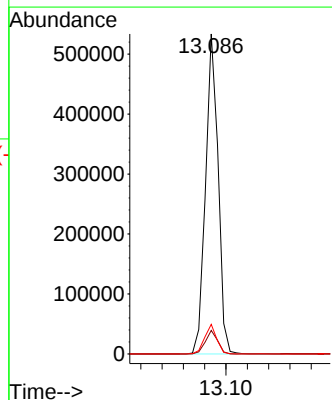
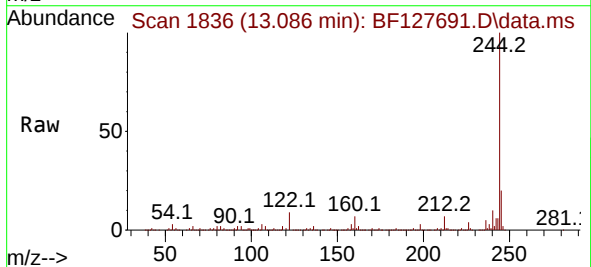
Instrument :
BNA_F
ClientSampleId :
RB21139

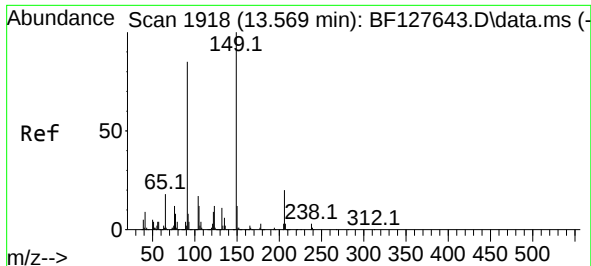
Tgt Ion:240 Resp: 346280
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 25.6 20.7 31.1



#79
Terphenyl-d14
Concen: 20.913 ng
RT: 13.086 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

Tgt Ion:244 Resp: 438738
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.2 6.2 9.2

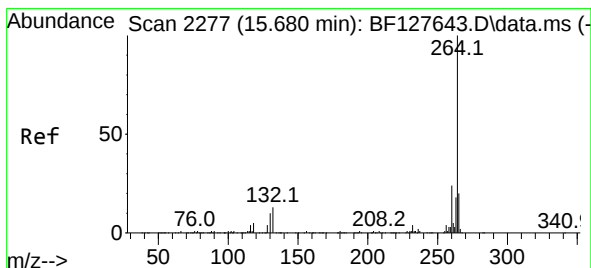
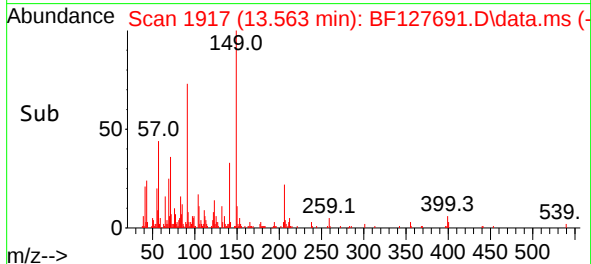
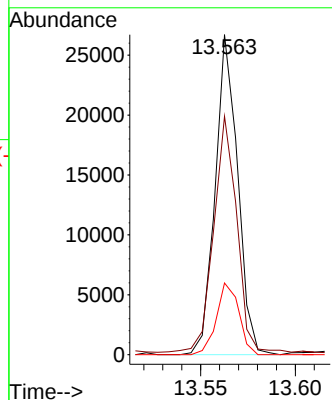
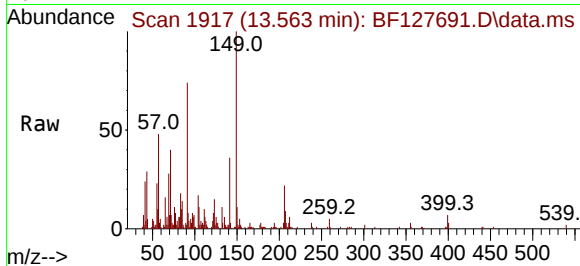




#80
Butylbenzylphthalate
Concen: 2.029 ng
RT: 13.563 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

Instrument :
BNA_F
ClientSampleId :
RB21139

Tgt Ion:149 Resp: 22090
Ion Ratio Lower Upper
149 100
91 74.5 69.1 103.7
206 22.4 17.7 26.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.674 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF127691.D
Acq: 07 Apr 2022 19:01

Tgt Ion:264 Resp: 312030
Ion Ratio Lower Upper
264 100
260 22.4 19.1 28.7
265 21.2 17.4 26.2

