

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126896.D
 Acq On : 15 Feb 2022 17:21
 Operator : CG\JU
 Sample : N1528-09 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-2D

Quant Time: Feb 16 00:18:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

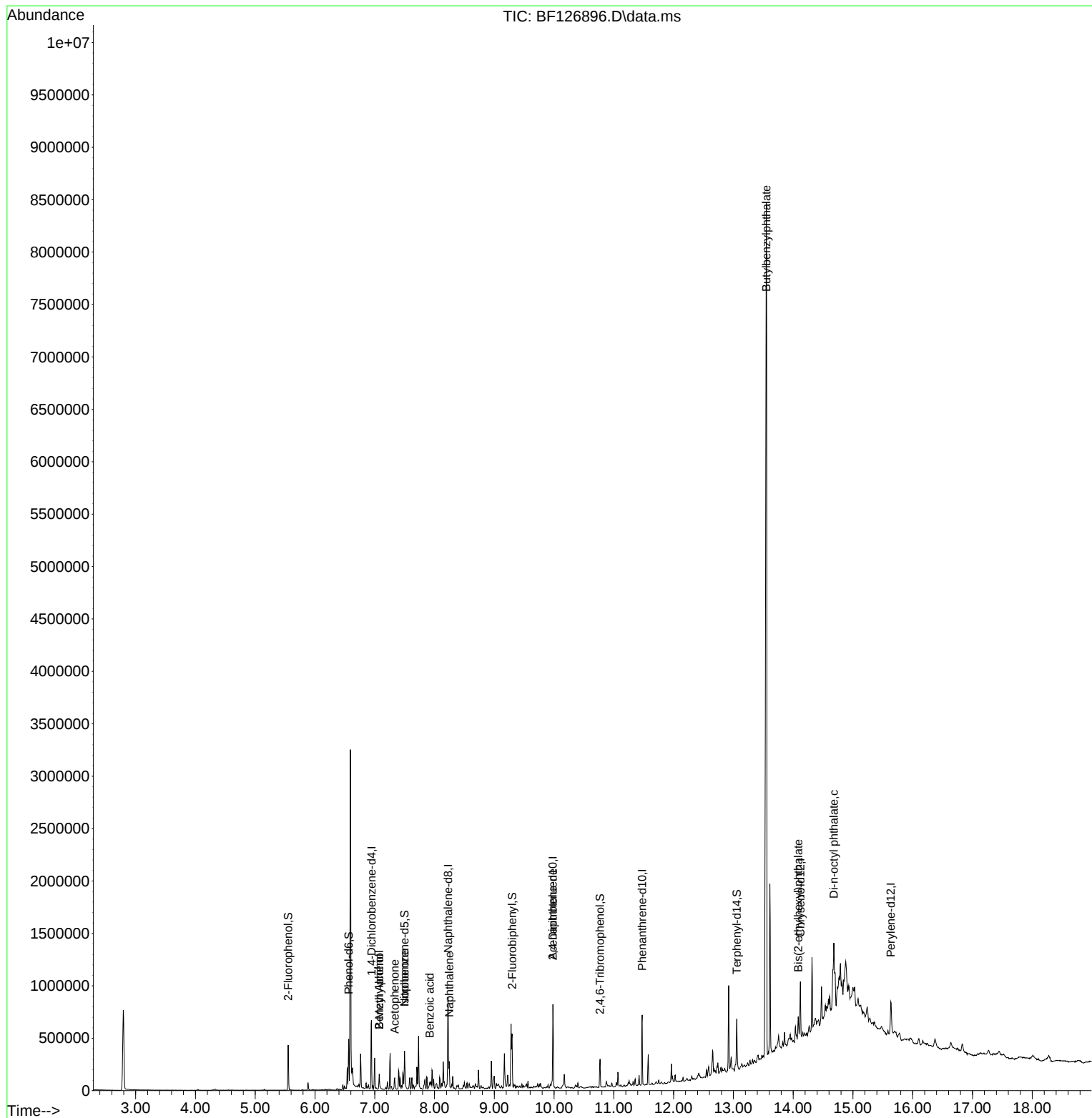
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	86662	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	317039	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	140002	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	224993	20.000	ng	0.00
76) Chrysene-d12	14.121	240	167219	20.000	ng	0.00
86) Perylene-d12	15.633	264	120973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	97668	17.352	ng	0.00
7) Phenol-d6	6.563	99	122915	16.176	ng	0.00
23) Nitrobenzene-d5	7.498	82	86446	12.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	25781	17.177	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	133905	14.397	ng	0.00
79) Terphenyl-d14	13.057	244	129720	11.121	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.075	79	26410	4.398	ng	99
17) 2-Methylphenol	7.075	107	13721	2.618	ng	# 3
22) Acetophenone	7.334	105	47662	5.810	ng	# 58
25) Isophorone	7.498	82	86446	7.509	ng	# 68
31) Naphthalene	8.245	128	52378	3.186	ng	98
32) Benzoic acid	7.922	122	14393	4.440	ng	94
57) 2,4-Dinitrotoluene	9.980	165	17730	6.686	ng	# 18
80) Butylbenzylphthalate	13.551	149	2680584	385.656	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	57530	6.383	ng	97
85) Di-n-octyl phthalate	14.680	149	298121	24.098	ng	# 37

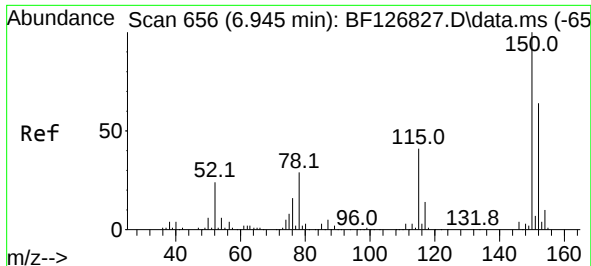
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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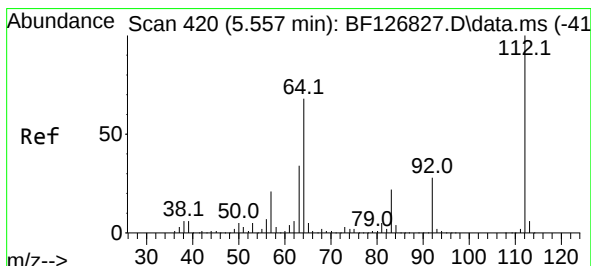
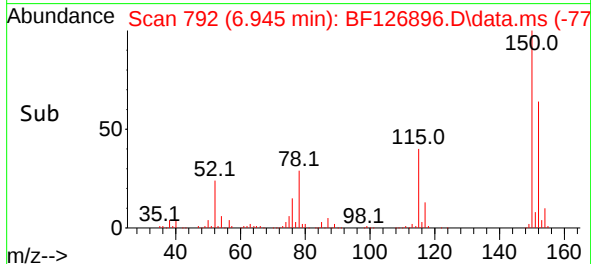
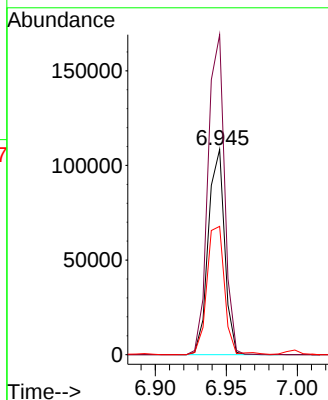
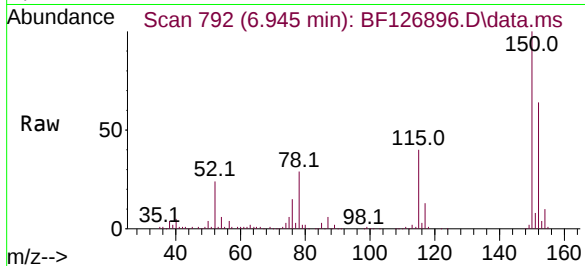




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

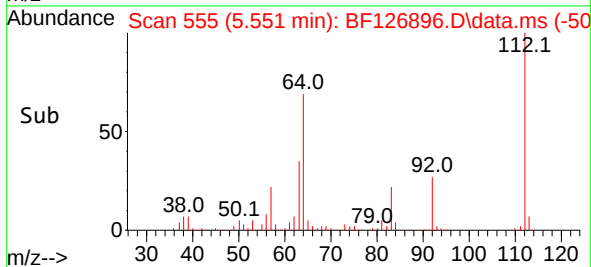
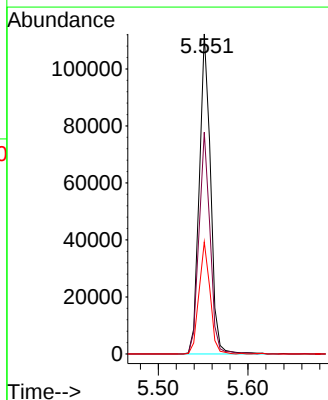
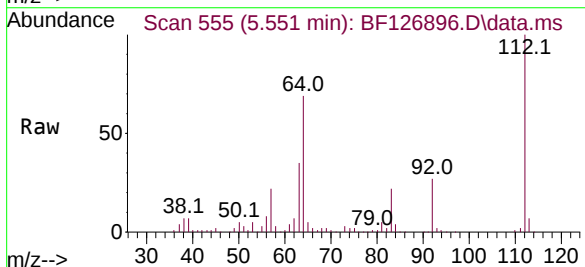
Instrument :
BNA_F
ClientSampleId :
CONC-2D

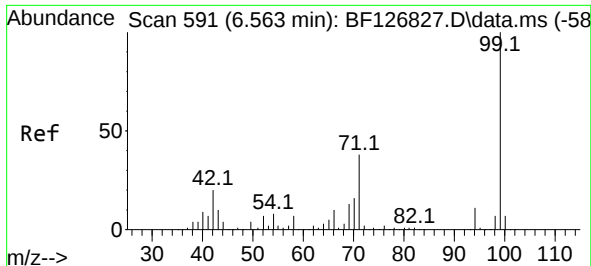
Tgt Ion:152 Resp: 86662
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 62.5 50.5 75.7



#5
2-Fluorophenol
Concen: 17.352 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Tgt Ion:112 Resp: 97668
Ion Ratio Lower Upper
112 100
64 69.3 54.3 81.5
63 35.0 27.5 41.3

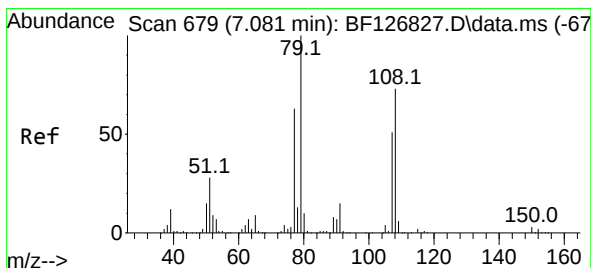
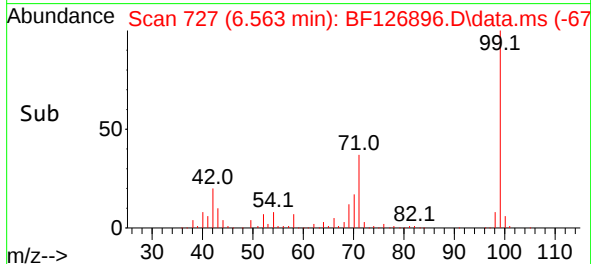
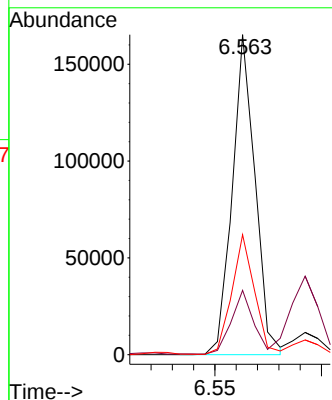
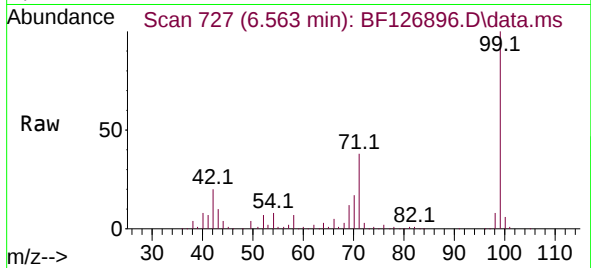




#7
Phenol-d6
Concen: 16.176 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

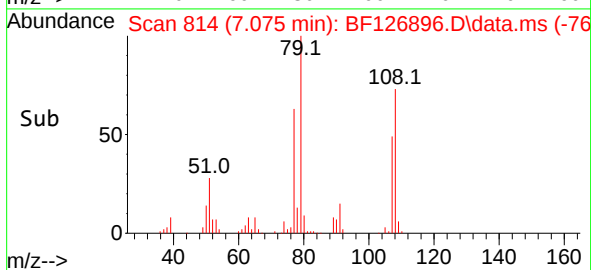
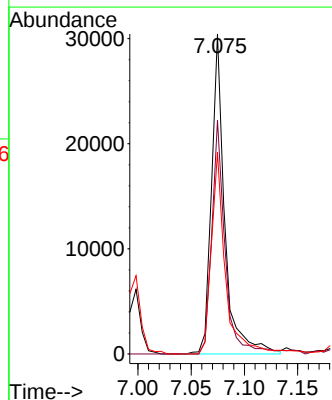
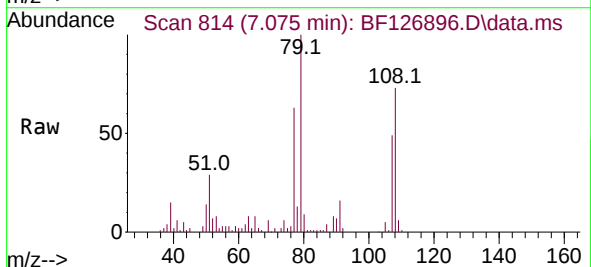
Instrument :
BNA_F
ClientSampleId :
CONC-2D

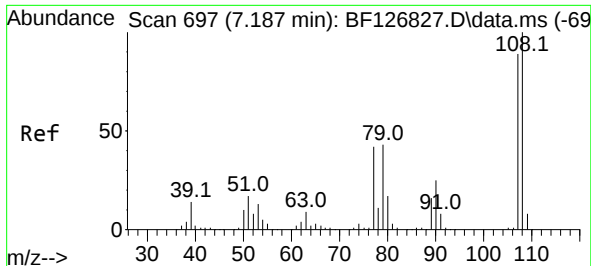
Tgt Ion: 99 Resp: 122915
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 37.5 30.6 45.8



#15
Benzyl Alcohol
Concen: 4.398 ng
RT: 7.075 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Tgt Ion: 79 Resp: 26410
Ion Ratio Lower Upper
79 100
108 73.0 58.1 87.1
77 63.0 50.0 75.0



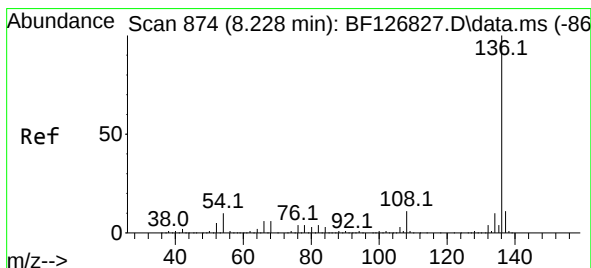
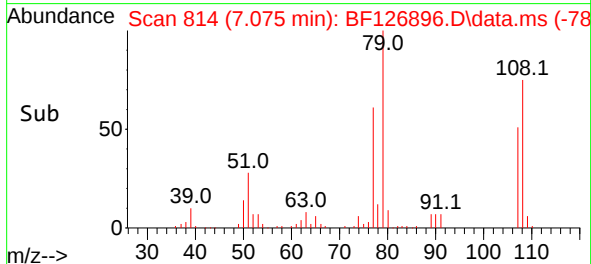
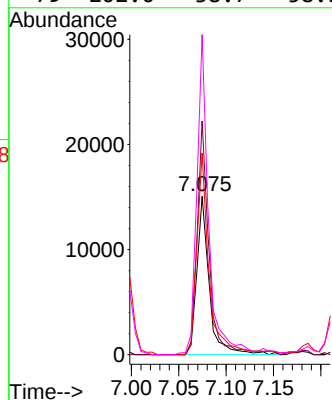
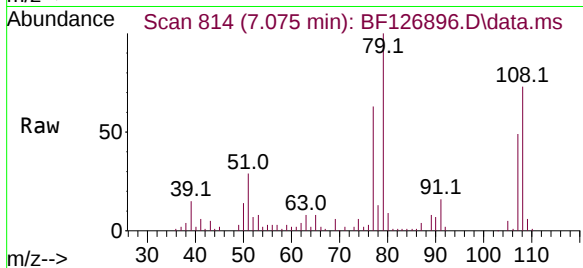


#17
2-Methylphenol
Concen: 2.618 ng
RT: 7.075 min Scan# 81
Delta R.T. -0.112 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Instrument :
BNA_F
ClientSampleId :
CONC-2D

Tgt Ion:107 Resp: 13721

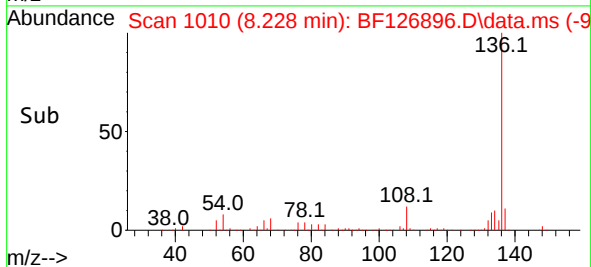
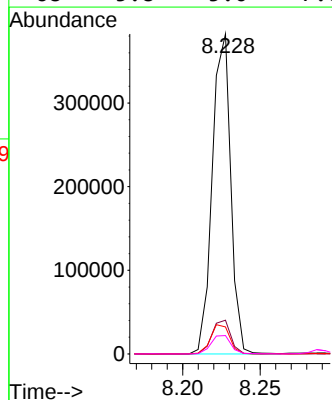
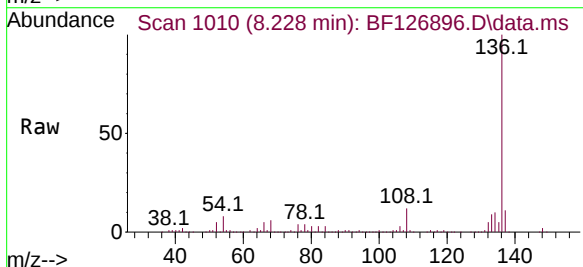
Ion	Ratio	Lower	Upper
107	100		
108	147.6	90.0	135.0#
77	127.3	38.0	57.0#
79	202.0	38.7	58.1#

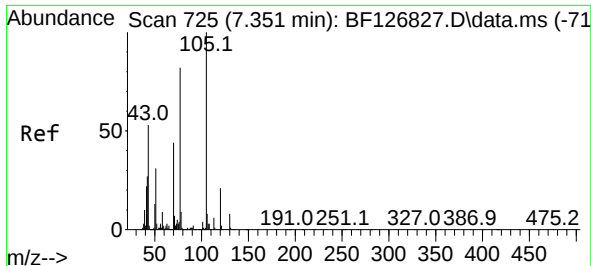


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Tgt Ion:136 Resp: 317039

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.5	8.0	12.0
68	5.8	5.0	7.6

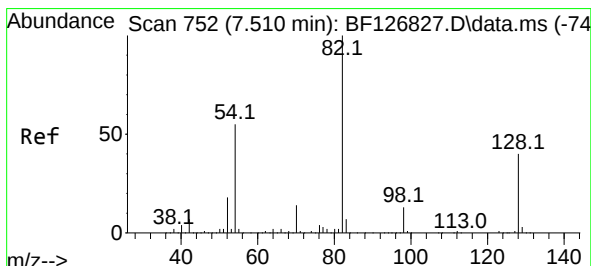
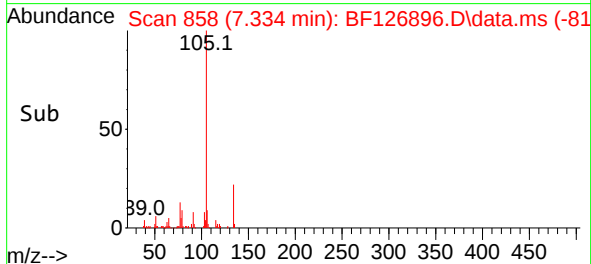
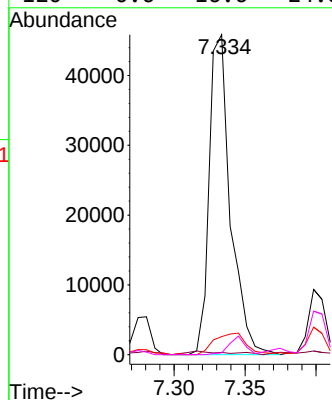
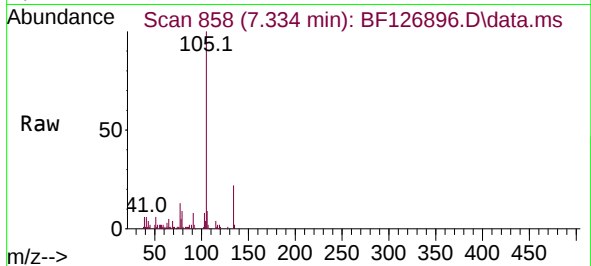




#22
Acetophenone
Concen: 5.810 ng
RT: 7.334 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

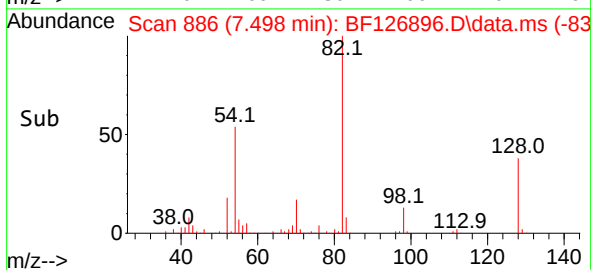
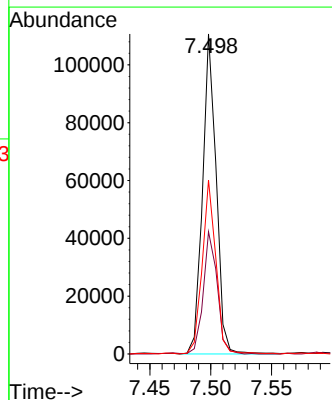
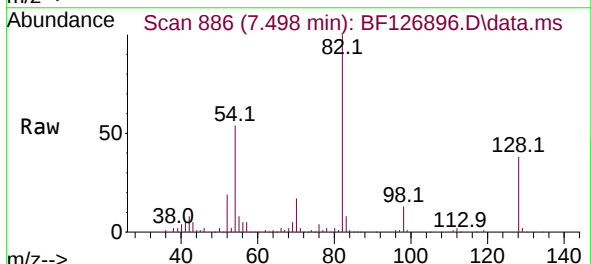
Instrument :
BNA_F
ClientSampleId :
CONC-2D

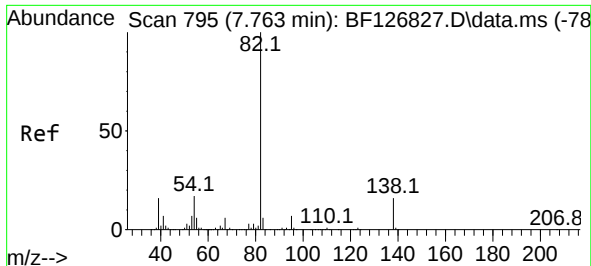
Tgt Ion:105 Resp: 47662
Ion Ratio Lower Upper
105 100
71 0.7 5.7 8.5#
51 5.7 25.0 37.4#
120 0.6 16.6 24.8#



#23
Nitrobenzene-d5
Concen: 12.581 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Tgt Ion: 82 Resp: 86446
Ion Ratio Lower Upper
82 100
128 38.2 31.6 47.4
54 54.4 43.7 65.5

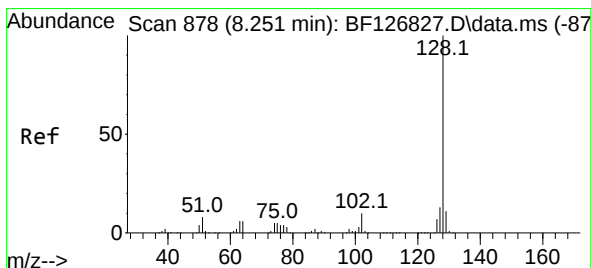
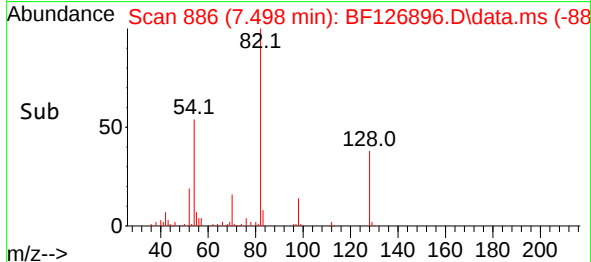
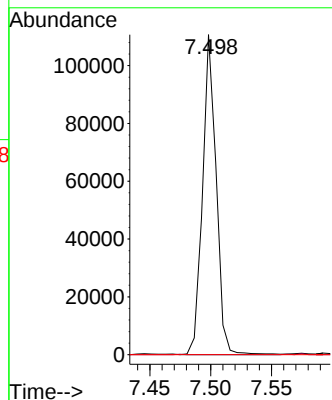
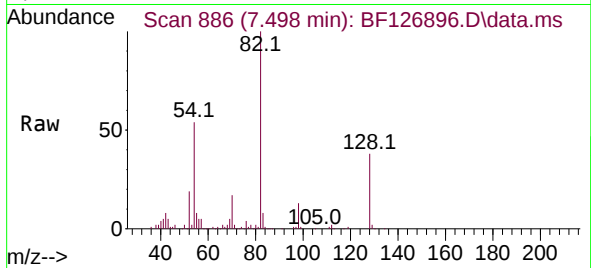




#25
Isophorone
Concen: 7.509 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

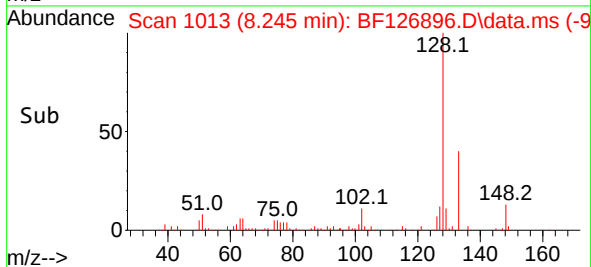
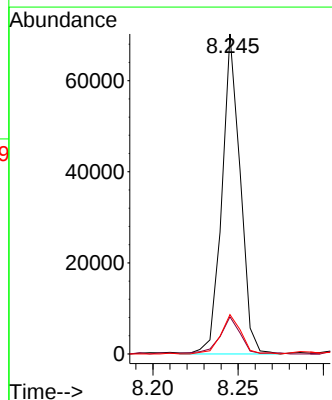
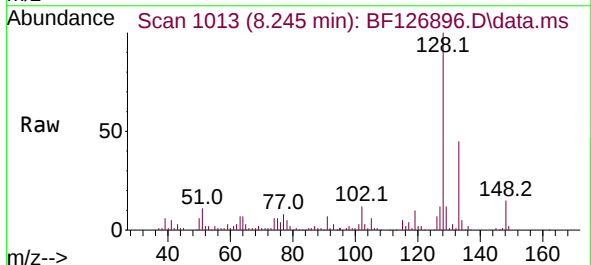
Instrument :
BNA_F
ClientSampleId :
CONC-2D

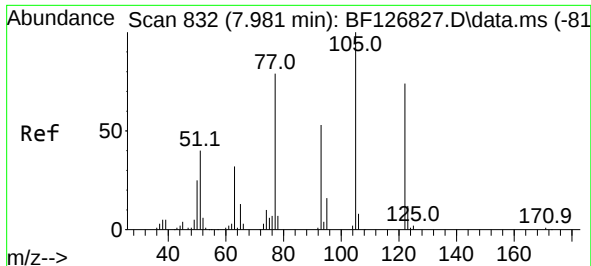
Tgt Ion: 82 Resp: 86446
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#31
Naphthalene
Concen: 3.186 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Tgt Ion:128 Resp: 52378
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.3 10.6 15.8

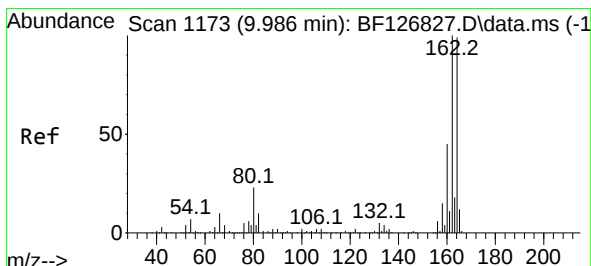
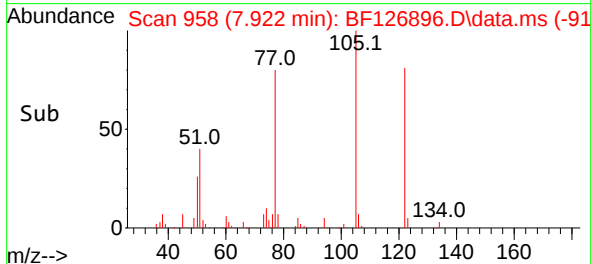
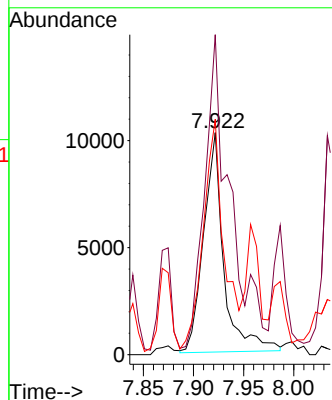
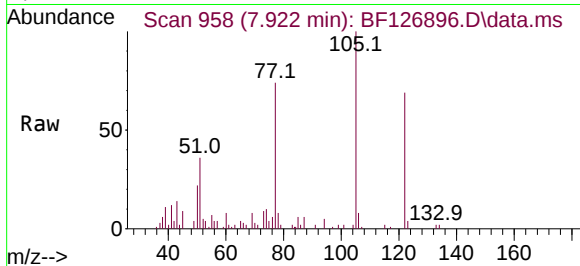




#32
Benzoic acid
Concen: 4.440 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.059 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

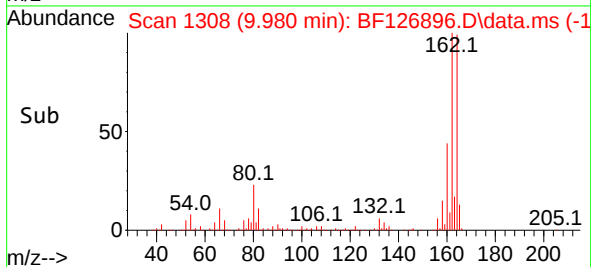
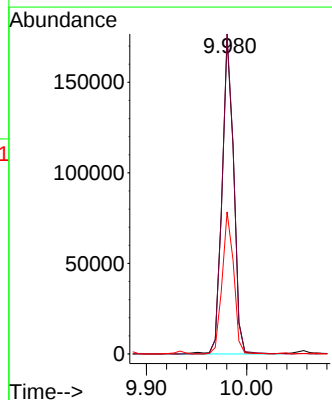
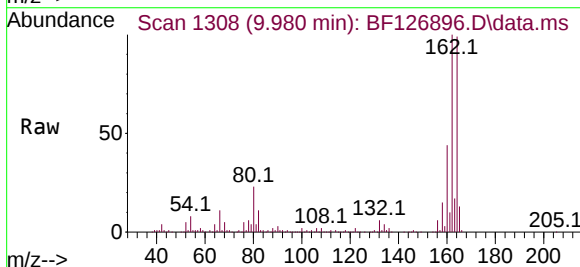
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BNA_F
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CONC-2D

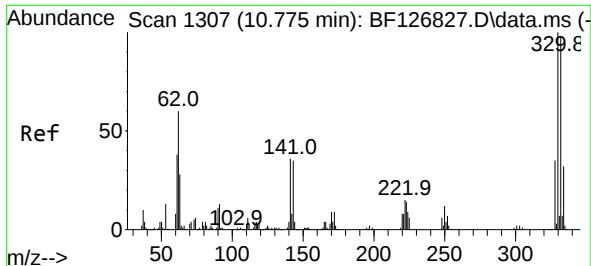
Tgt Ion:122 Resp: 14393
Ion Ratio Lower Upper
122 100
105 144.1 112.5 152.5
77 106.0 86.6 126.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

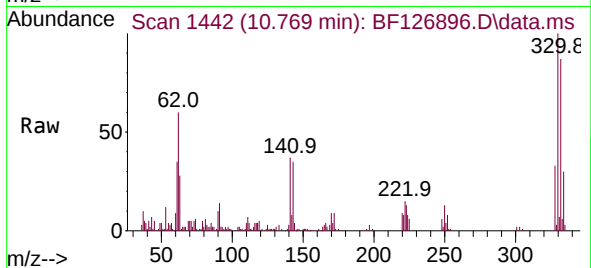
Tgt Ion:164 Resp: 140002
Ion Ratio Lower Upper
164 100
162 101.5 80.9 121.3
160 45.1 36.0 54.0





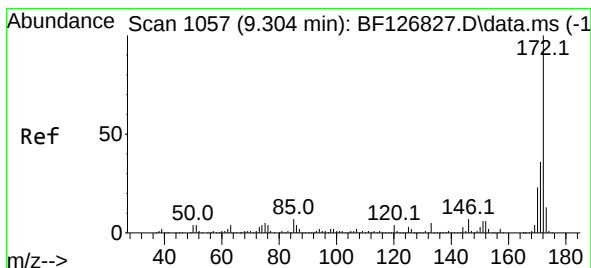
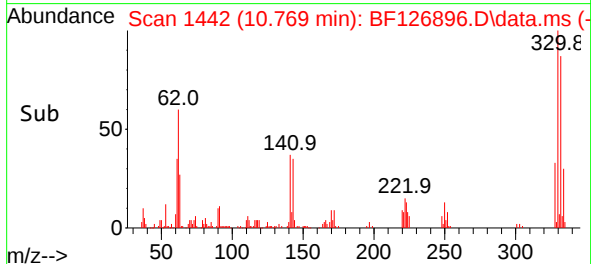
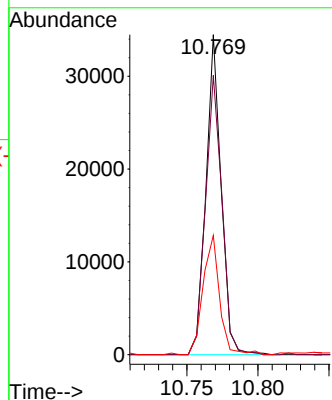
#42
2,4,6-Tribromophenol
Concen: 17.177 ng
RT: 10.769 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Instrument :
BNA_F
ClientSampleId :
CONC-2D



Tgt Ion: 330 Resp: 25781

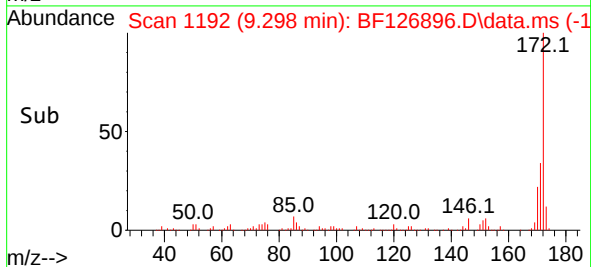
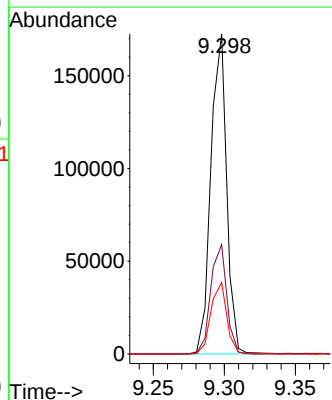
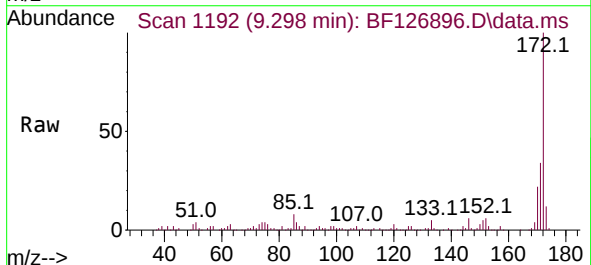
Ion	Ratio	Lower	Upper
330	100		
332	94.0	78.2	117.4
141	40.7	31.2	46.8

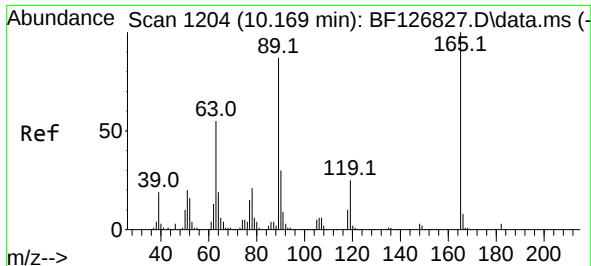


#45
2-Fluorobiphenyl
Concen: 14.397 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Tgt Ion: 172 Resp: 133905

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.3	18.7	28.1

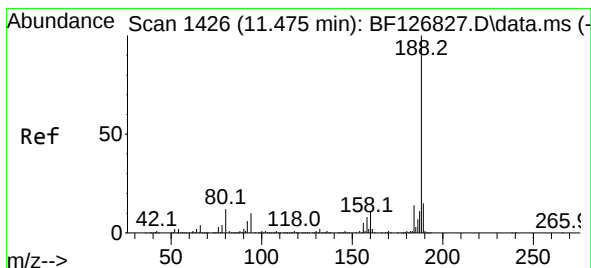
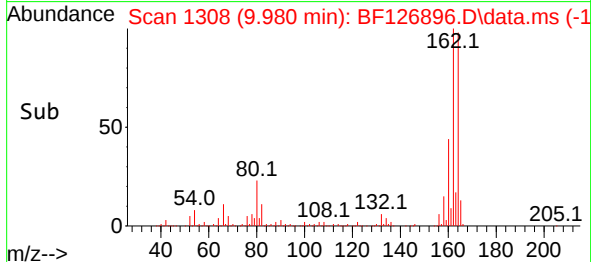
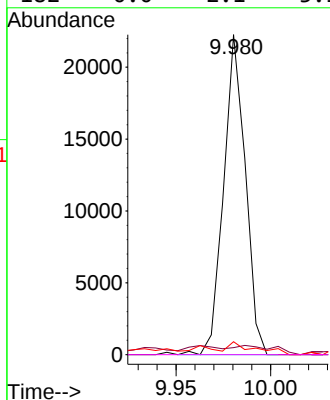
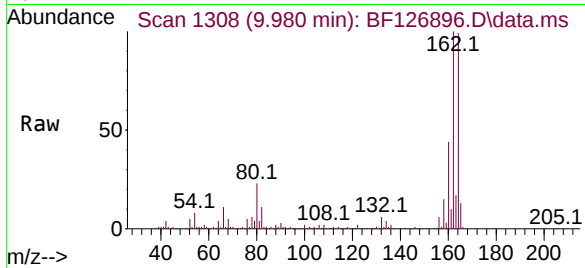




#57
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

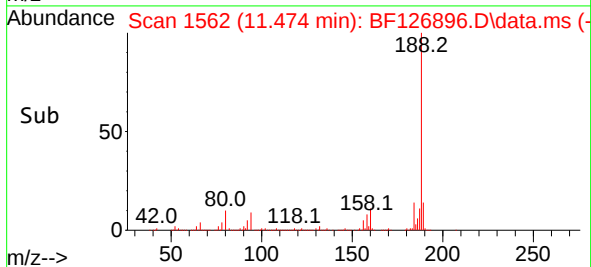
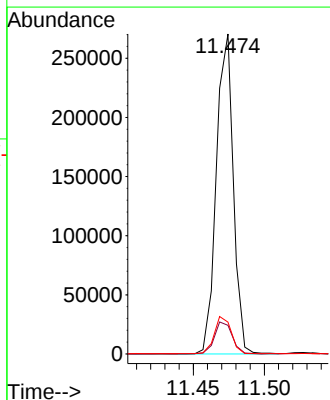
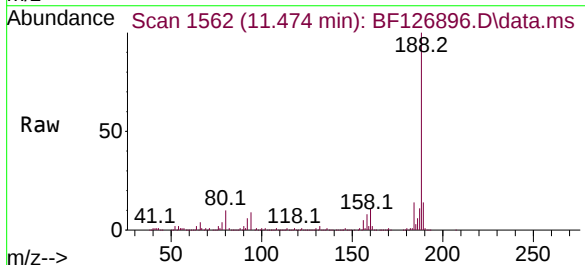
Instrument :
BNA_F
ClientSampleId :
CONC-2D

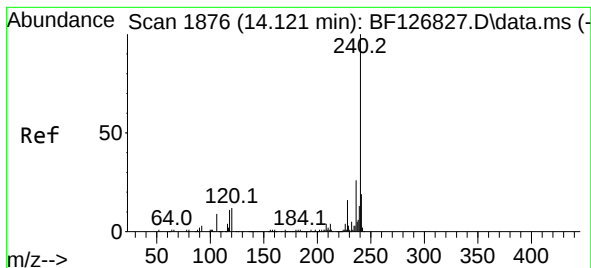
Tgt Ion:165 Resp: 17730
Ion Ratio Lower Upper
165 100
63 2.2 43.9 65.9#
89 4.1 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF126896.D
Acq: 15 Feb 2022 17:21

Tgt Ion:188 Resp: 224993
Ion Ratio Lower Upper
188 100
94 8.9 8.1 12.1
80 10.0 9.5 14.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

Instrument :

BNA_F

ClientSampleId :

CONC-2D

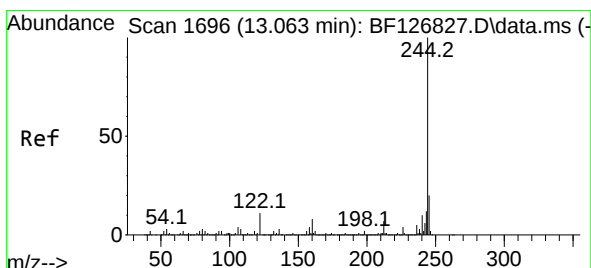
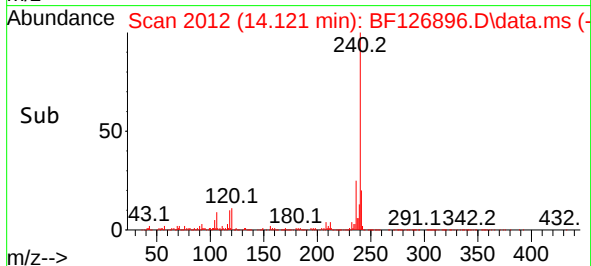
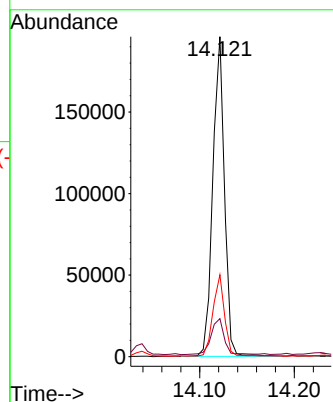
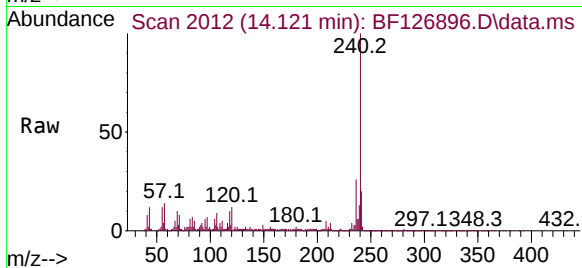
Tgt Ion:240 Resp: 167219

Ion Ratio Lower Upper

240 100

120 11.9 9.8 14.6

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 11.121 ng

RT: 13.057 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

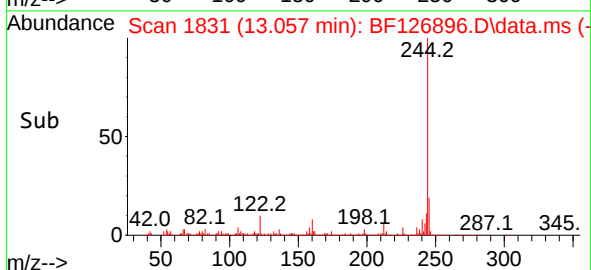
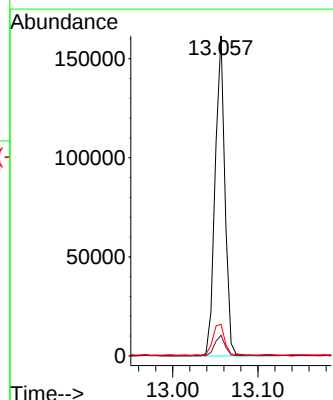
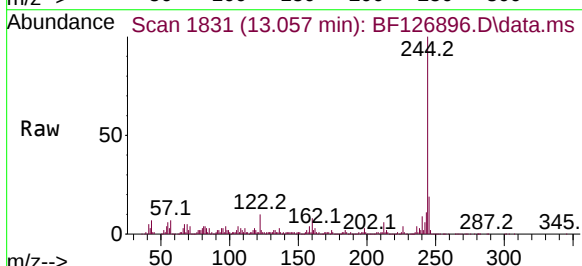
Tgt Ion:244 Resp: 129720

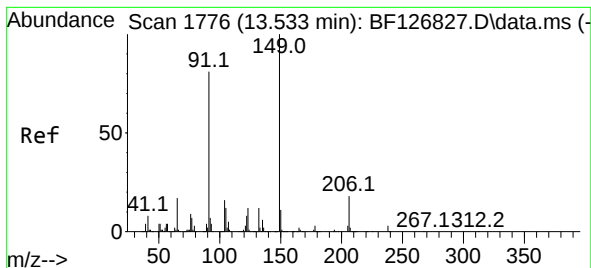
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.9 9.0 13.6





#80

Butylbenzylphthalate

Concen: 385.656 ng

RT: 13.551 min Scan# 1915

Delta R.T. 0.018 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

Instrument :

BNA_F

ClientSampleId :

CONC-2D

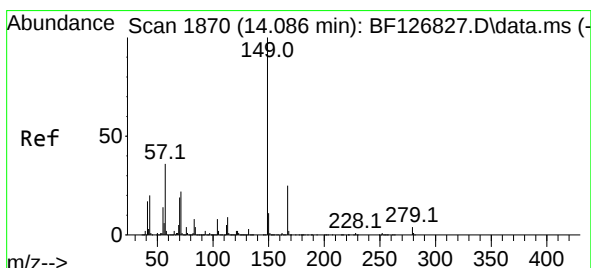
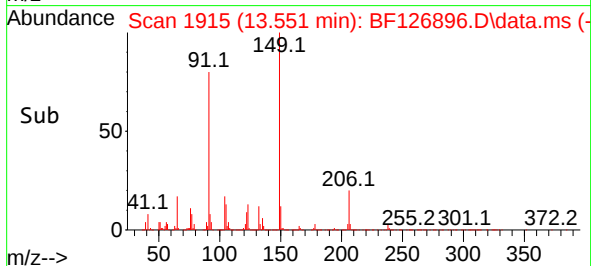
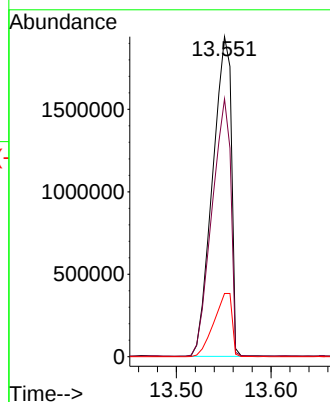
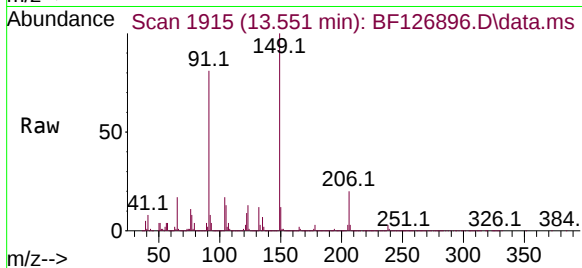
Tgt Ion:149 Resp: 2680584

Ion Ratio Lower Upper

149 100

91 80.5 64.7 97.1

206 19.7 14.2 21.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.383 ng

RT: 14.086 min Scan# 2006

Delta R.T. -0.000 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

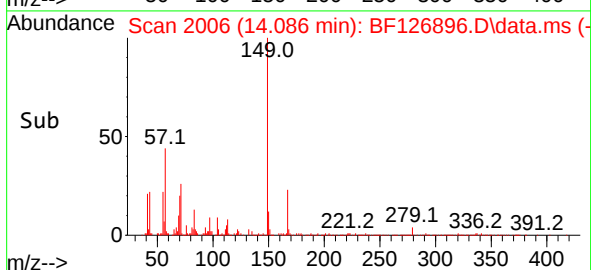
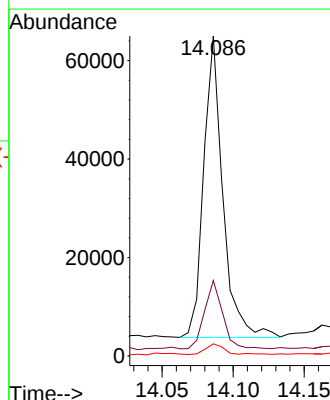
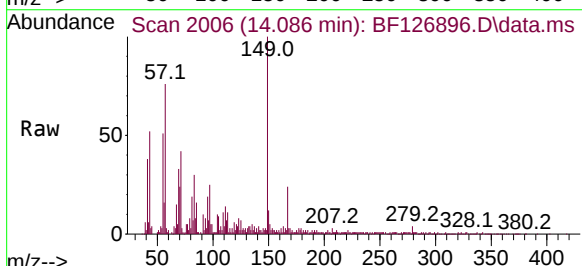
Tgt Ion:149 Resp: 57530

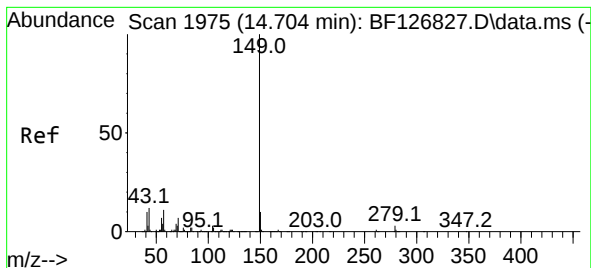
Ion Ratio Lower Upper

149 100

167 23.6 20.3 30.5

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 24.098 ng

RT: 14.680 min Scan# 2107

Delta R.T. -0.024 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

Instrument :

BNA_F

ClientSampleId :

CONC-2D

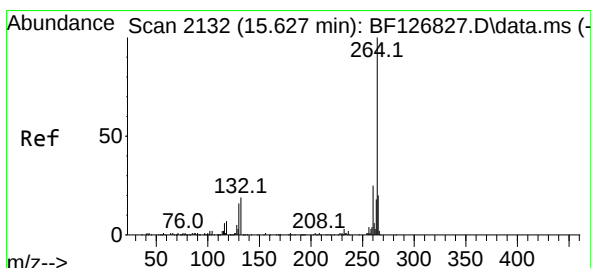
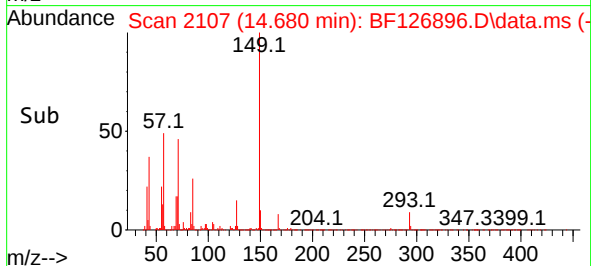
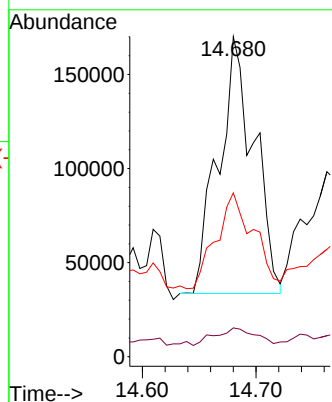
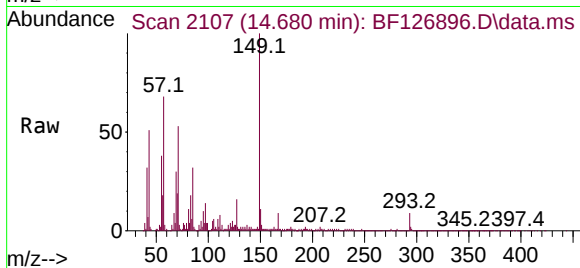
Tgt Ion:149 Resp: 298121

Ion Ratio Lower Upper

149 100

167 9.1 1.2 1.8#

43 39.0 9.8 14.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF126896.D

Acq: 15 Feb 2022 17:21

Tgt Ion:264 Resp: 120973

Ion Ratio Lower Upper

264 100

260 23.4 19.6 29.4

265 20.9 15.9 23.9

