

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126551.D
 Acq On : 7 Jan 2022 19:27
 Operator : JU/CG
 Sample : N1052-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BALL-1

Quant Time: Jan 08 04:39:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

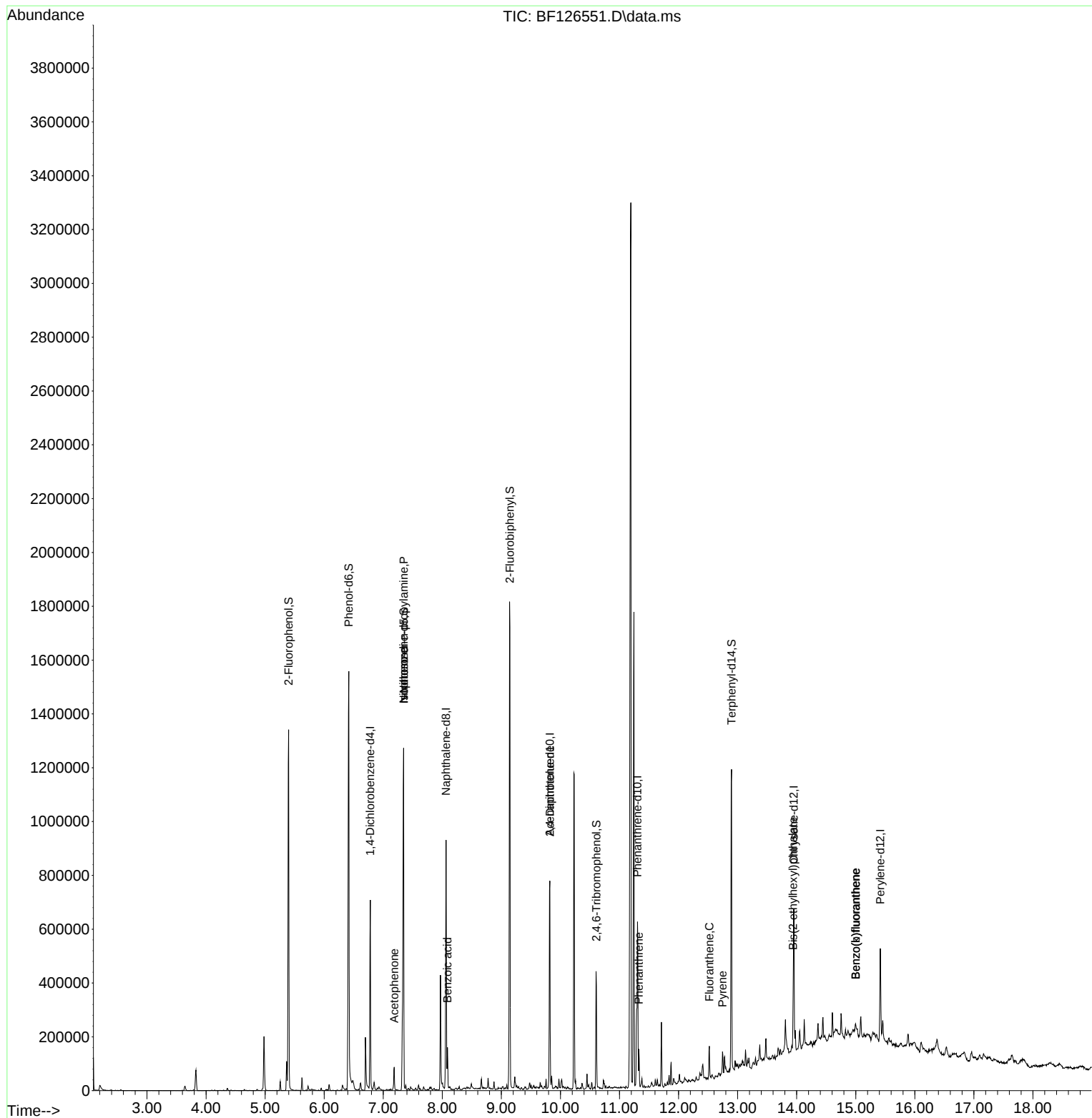
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	96818	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	400006	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	164110	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	222122	20.000	ng	0.00
76) Chrysene-d12	13.951	240	160440	20.000	ng	0.00
86) Perylene-d12	15.415	264	135602	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	408673	60.617	ng	0.00
7) Phenol-d6	6.416	99	649079	74.332	ng	0.00
23) Nitrobenzene-d5	7.345	82	445627	57.202	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	53326	42.050	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	602035	64.555	ng	0.00
79) Terphenyl-d14	12.898	244	386044	46.750	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	57157	11.471	ng	# 78
22) Acetophenone	7.186	105	24155	2.612	ng	# 86
25) Isophorone	7.345	82	442879	31.757	ng	# 69
32) Benzoic acid	8.086	122	646	7.216	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	21737	7.615	ng	# 15
71) Phenanthrene	11.327	178	44686	3.935	ng	96
75) Fluoranthene	12.521	202	40882	3.944	ng	98
77) Benzidine	12.892	184	5021	Below Cal		# 95
78) Pyrene	12.745	202	33742	2.489	ng	97
84) Bis(2-ethylhexyl)phtha...	13.939	149	32012	5.141	ng	99
88) Benzo(b)fluoranthene	14.998	252	20907	2.588	ng	# 62
89) Benzo(k)fluoranthene	14.998	252	20907	2.672	ng	# 60

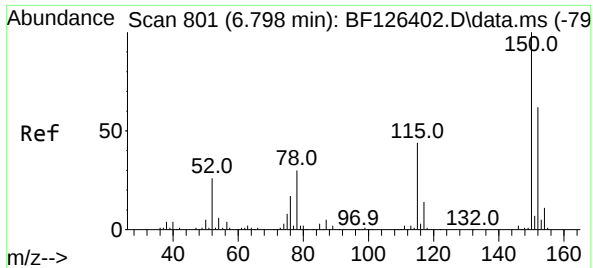
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

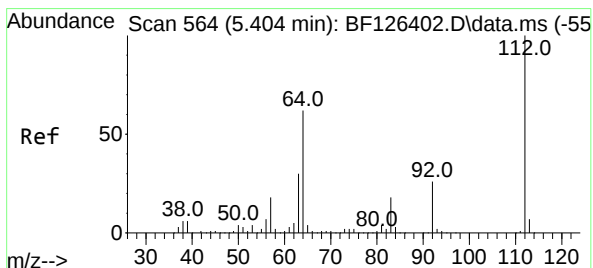
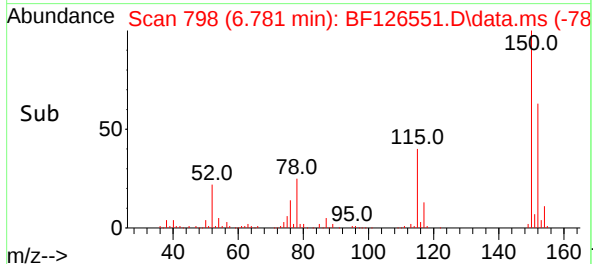
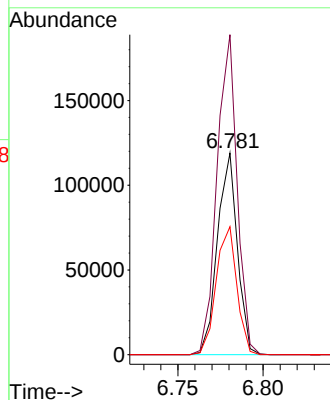
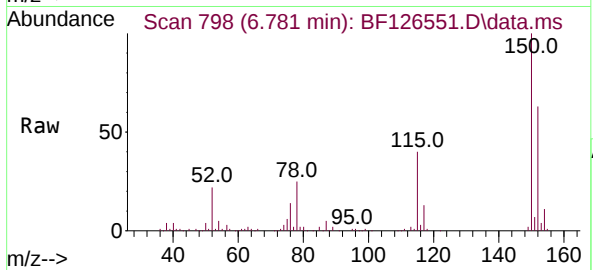




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

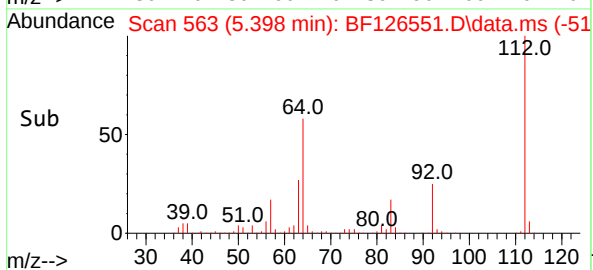
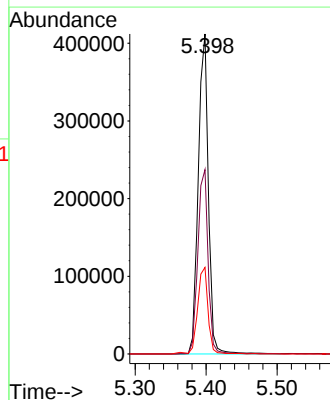
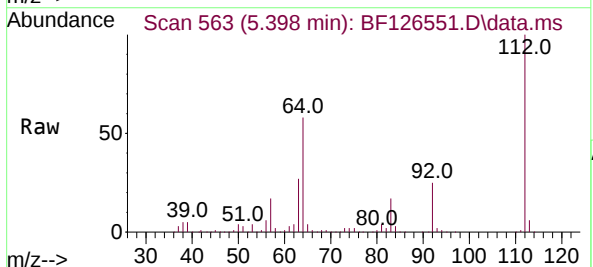
Instrument :
BNA_F
ClientSampleId :
BALL-1

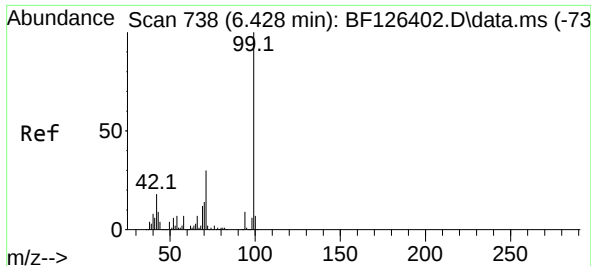
Tgt Ion:152 Resp: 96818
Ion Ratio Lower Upper
152 100
150 158.8 128.1 192.1
115 63.5 56.7 85.1



#5
2-Fluorophenol
Concen: 60.617 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Tgt Ion:112 Resp: 408673
Ion Ratio Lower Upper
112 100
64 57.6 49.5 74.3
63 27.1 23.9 35.9

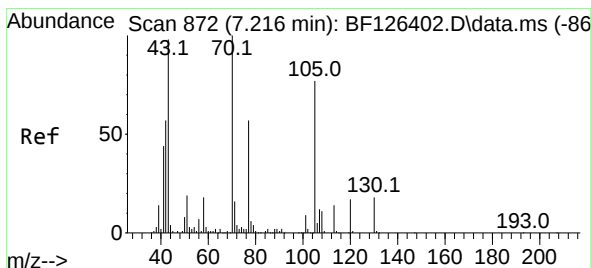
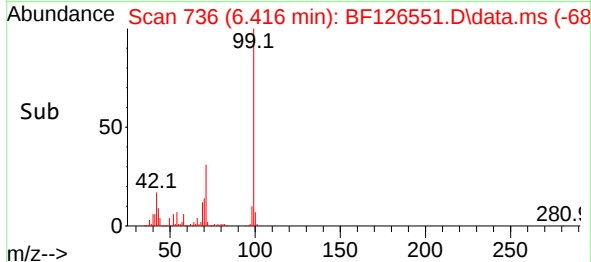
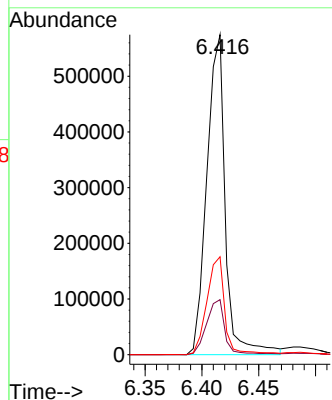
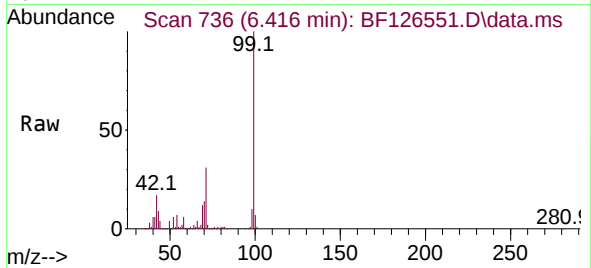




#7
Phenol-d6
Concen: 74.332 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

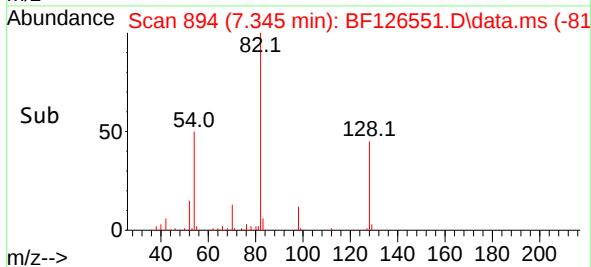
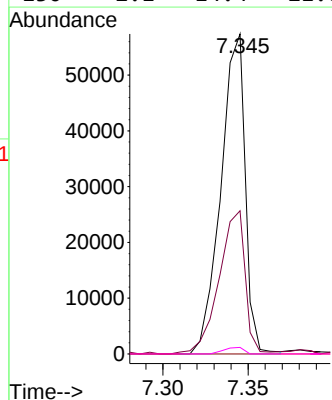
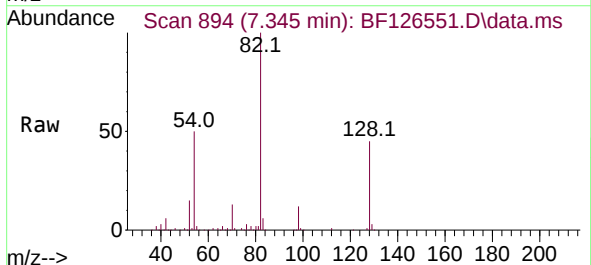
Instrument :
BNA_F
ClientSampleId :
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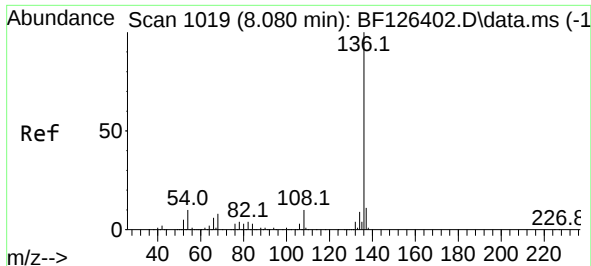
Tgt Ion: 99 Resp: 649079
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 30.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.471 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Tgt Ion: 70 Resp: 57157
Ion Ratio Lower Upper
70 100
42 44.8 45.8 68.8#
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

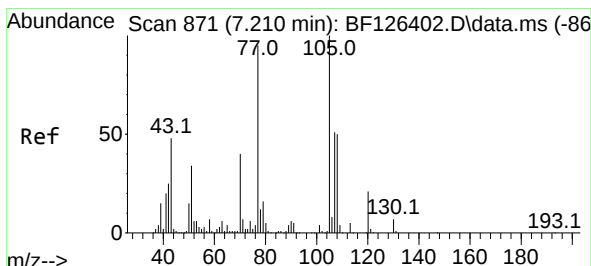
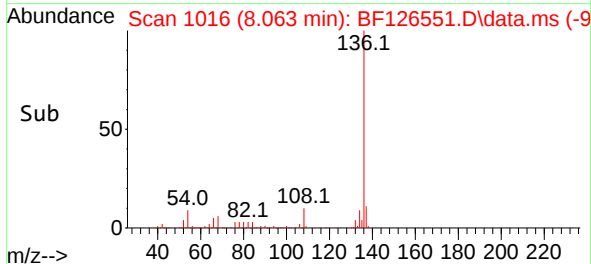
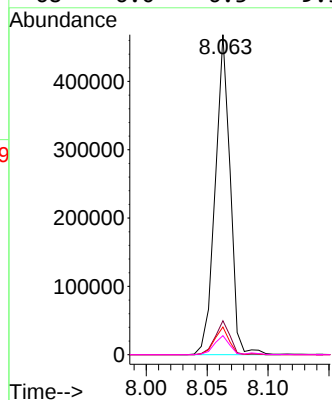
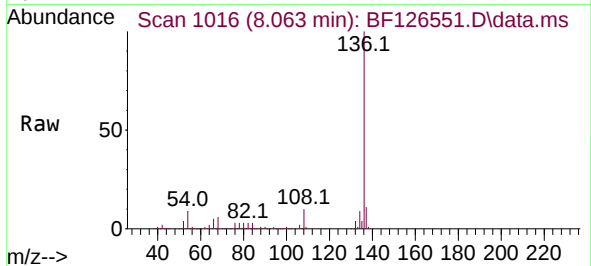




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

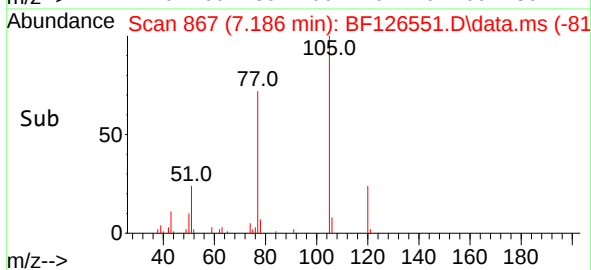
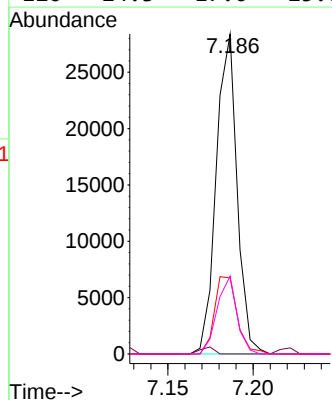
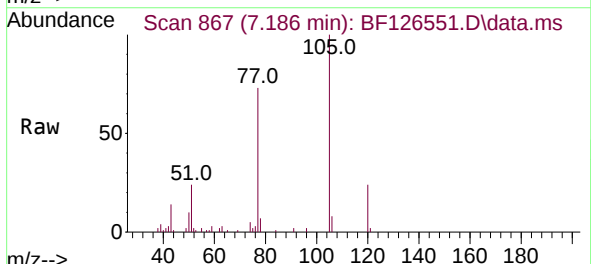
Instrument :
BNA_F
ClientSampleId :
BALL-1

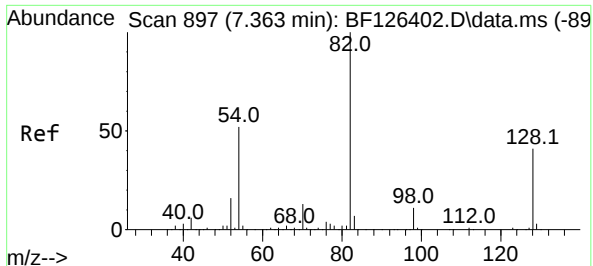
Tgt Ion:136 Resp: 400006
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.7 7.8 11.6
68 6.0 6.3 9.5#



#22
Acetophenone
Concen: 2.612 ng
RT: 7.186 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Tgt Ion:105 Resp: 24155
Ion Ratio Lower Upper
105 100
71 0.0 5.4 8.0#
51 23.8 27.4 41.0#
120 24.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 57.202 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF126551.D

Acq: 7 Jan 2022 19:27

Instrument :

BNA_F

ClientSampleId :

BALL-1

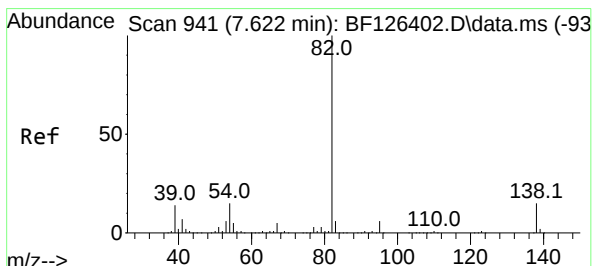
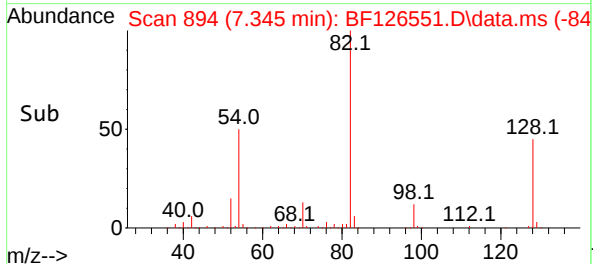
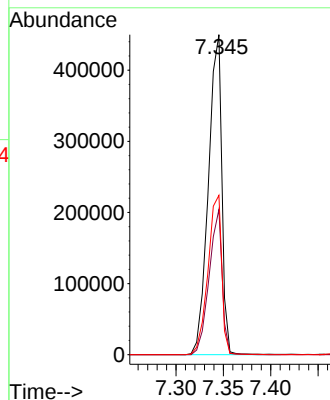
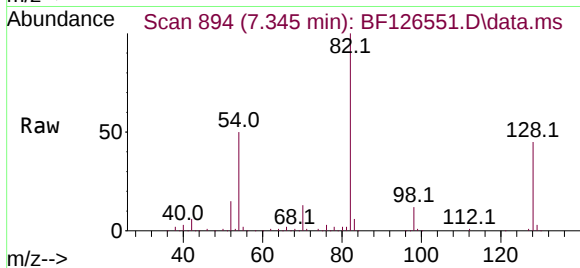
Tgt Ion: 82 Resp: 445627

Ion Ratio Lower Upper

82 100

128 45.3 32.7 49.1

54 49.8 41.7 62.5



#25

Isophorone

Concen: 31.757 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.265 min

Lab File: BF126551.D

Acq: 7 Jan 2022 19:27

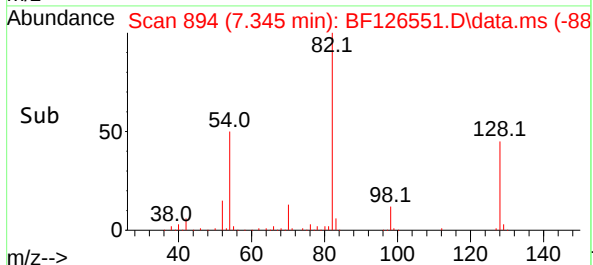
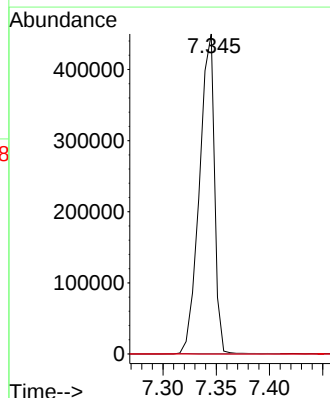
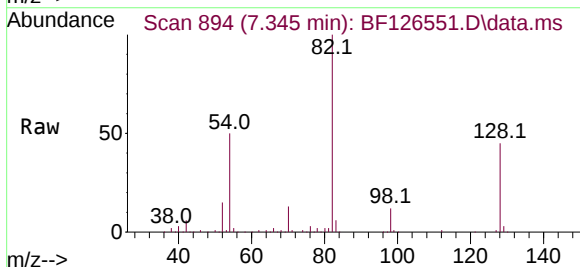
Tgt Ion: 82 Resp: 442879

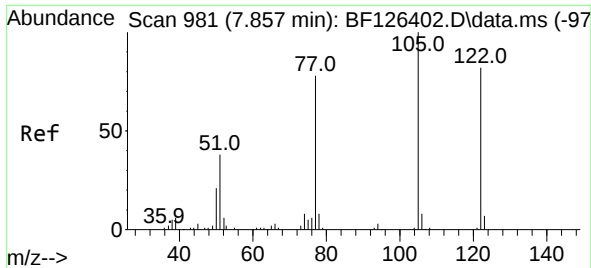
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

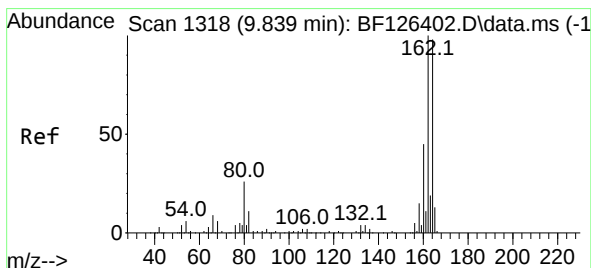
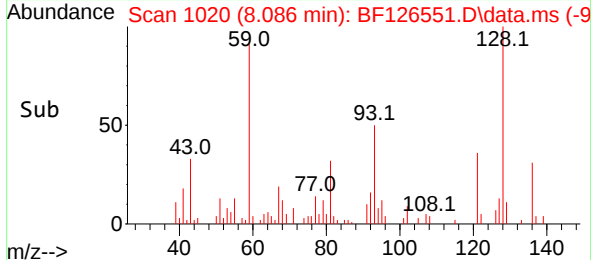
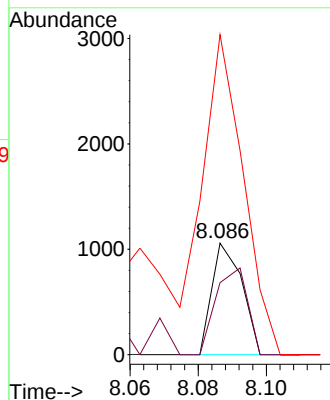
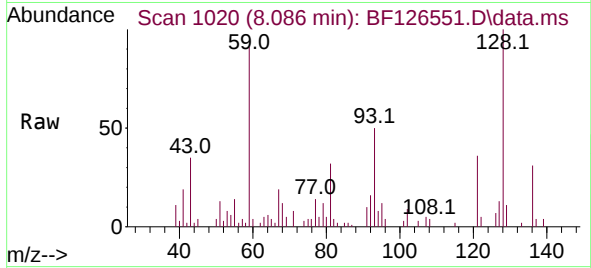




#32
Benzoic acid
Concen: 7.216 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.241 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

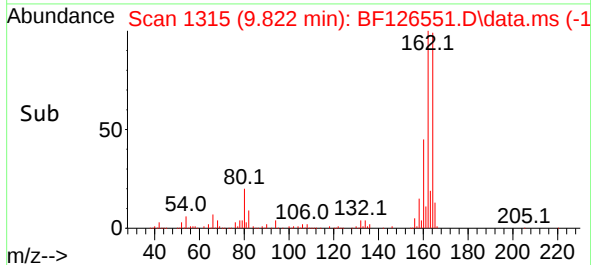
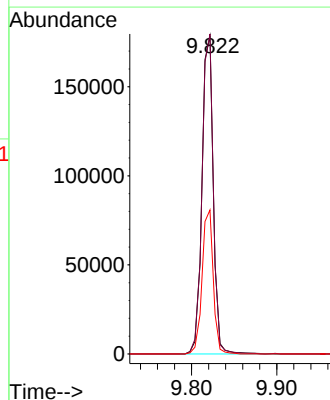
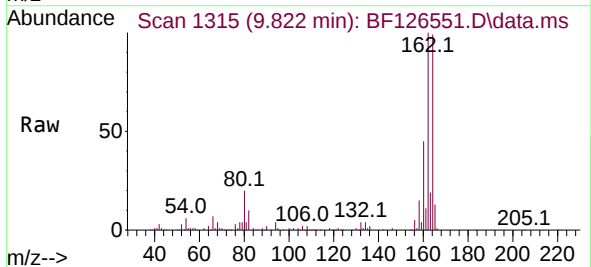
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ClientSampleId :
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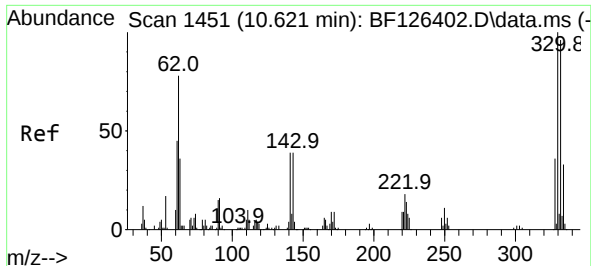
Tgt Ion:122 Resp: 646
Ion Ratio Lower Upper
122 100
105 64.6 101.0 141.0#
77 287.0 74.5 114.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

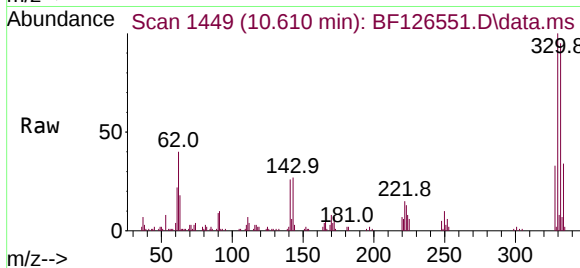
Tgt Ion:164 Resp: 164110
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 45.3 36.6 54.8



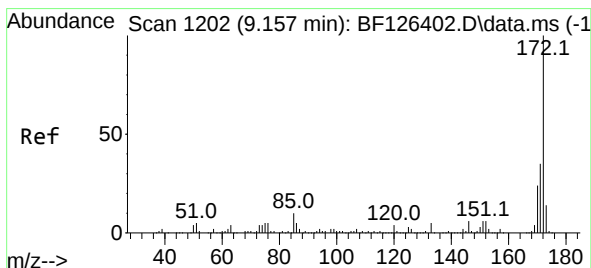
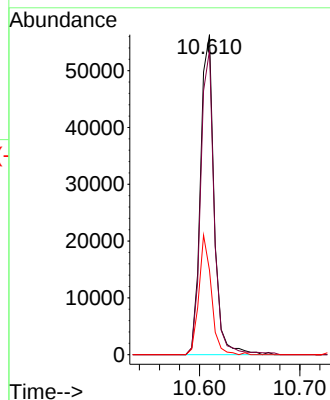
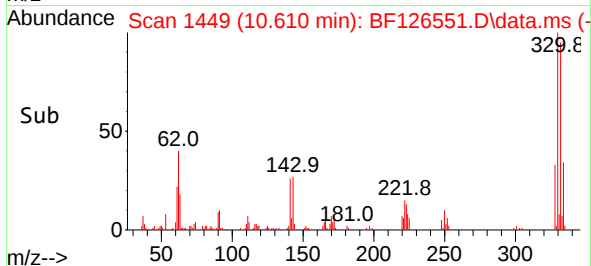


#42
2,4,6-Tribromophenol
Concen: 42.050 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

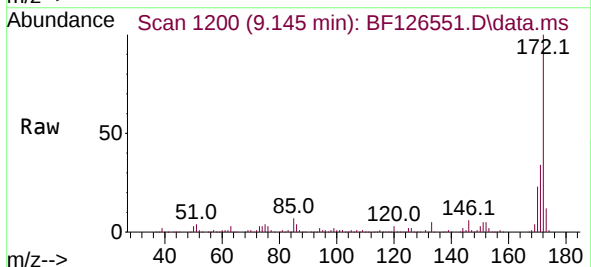
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ClientSampleId :
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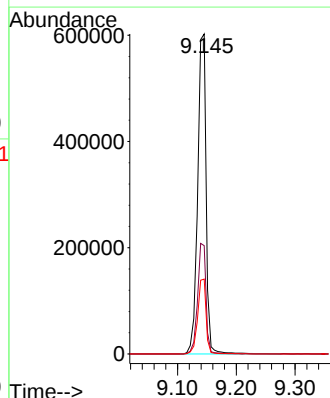
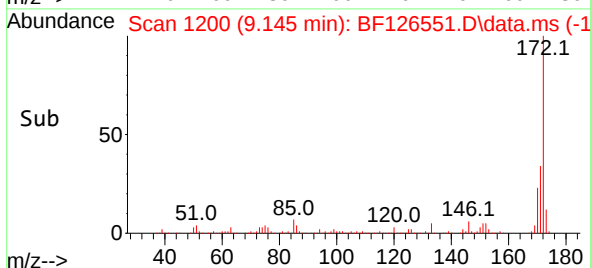
Tgt Ion:330 Resp: 53326
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 34.0 30.1 45.1

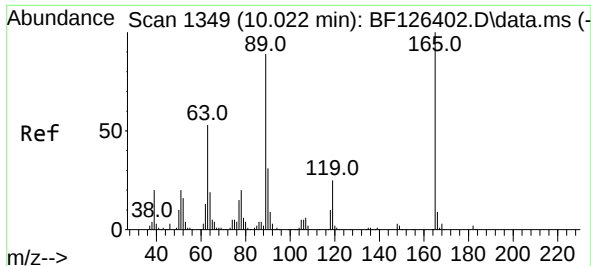


#45
2-Fluorobiphenyl
Concen: 64.555 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27



Tgt Ion:172 Resp: 602035
Ion Ratio Lower Upper
172 100
171 33.9 28.3 42.5
170 23.4 19.0 28.6

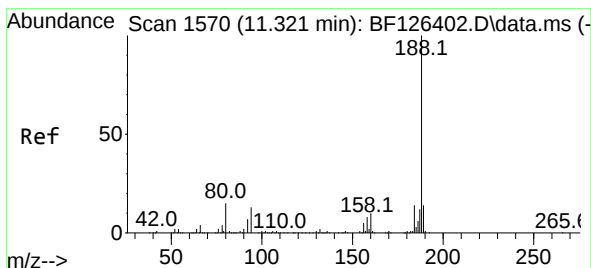
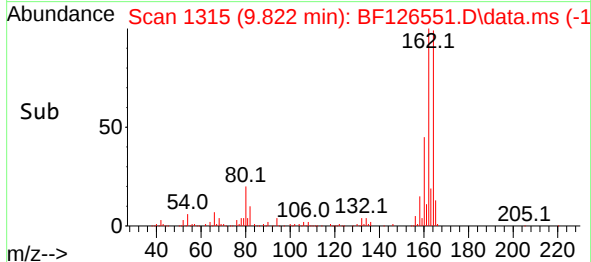
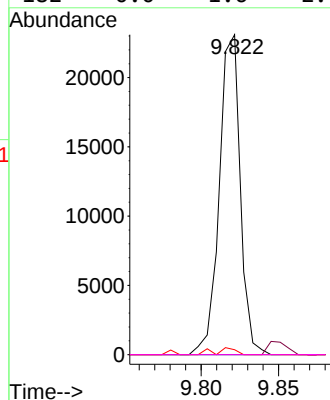
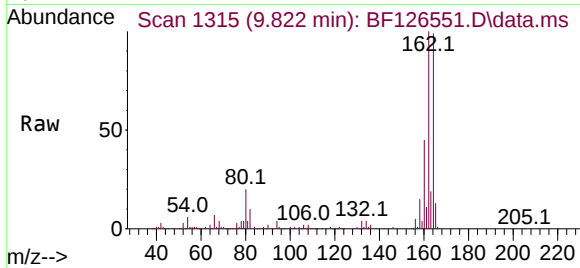




#57
2,4-Dinitrotoluene
Concen: 7.615 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

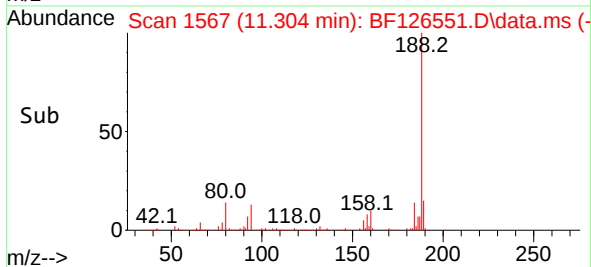
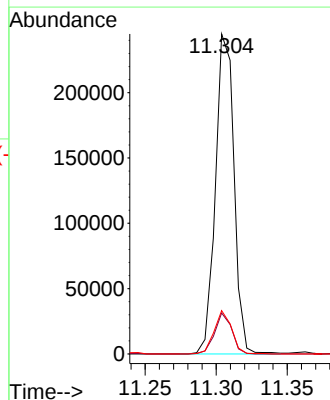
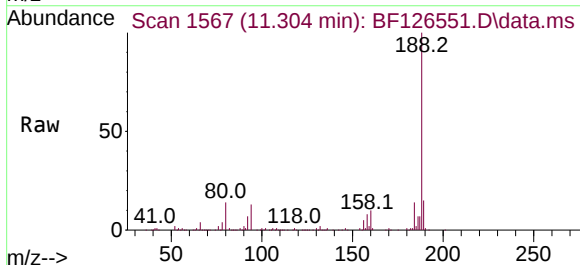
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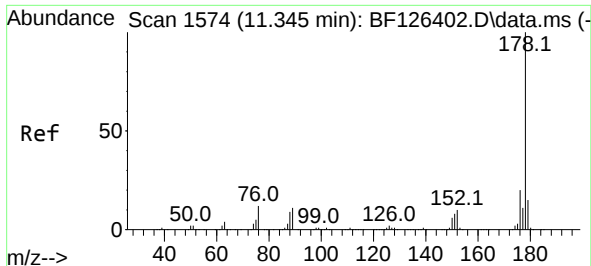
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Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

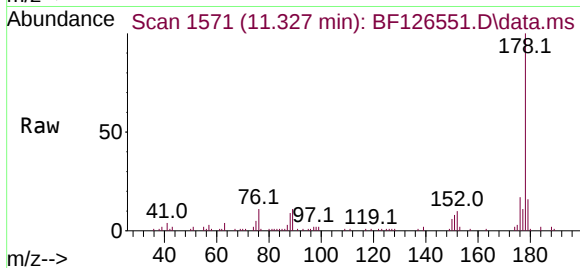
Tgt Ion:188 Resp: 222122
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 13.5 11.8 17.6



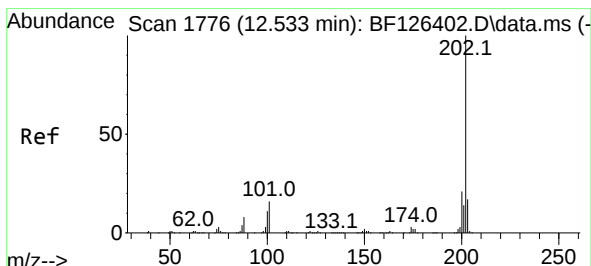
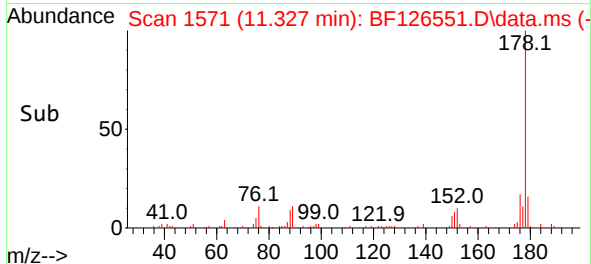
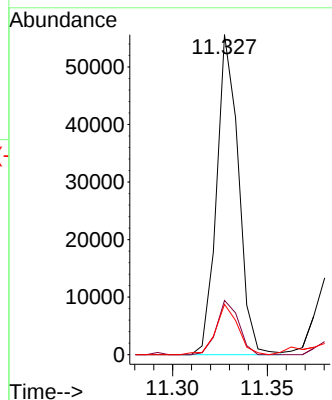


#71
Phenanthrene
Concen: 3.935 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Instrument :
BNA_F
ClientSampleId :
BALL-1

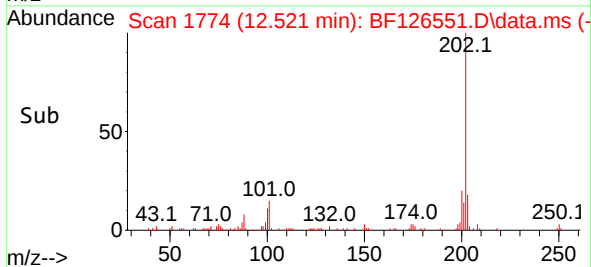
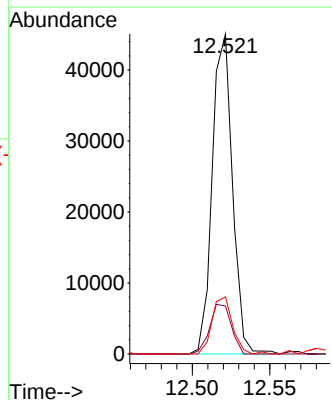
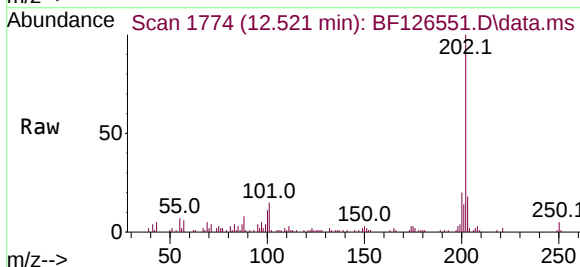


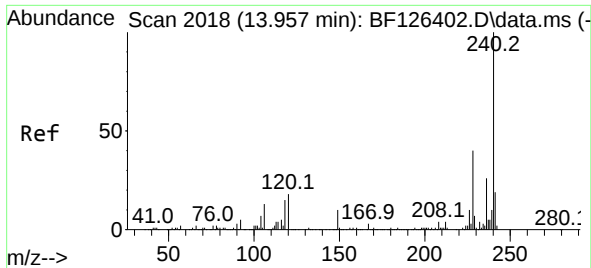
Tgt Ion:178 Resp: 44686
Ion Ratio Lower Upper
178 100
176 17.0 15.7 23.5
179 15.7 12.3 18.5



#75
Fluoranthene
Concen: 3.944 ng
RT: 12.521 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Tgt Ion:202 Resp: 40882
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.7
203 17.9 0.0 37.1

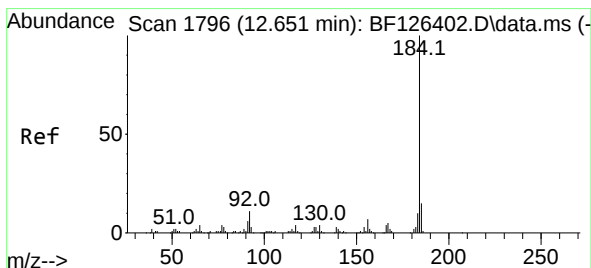
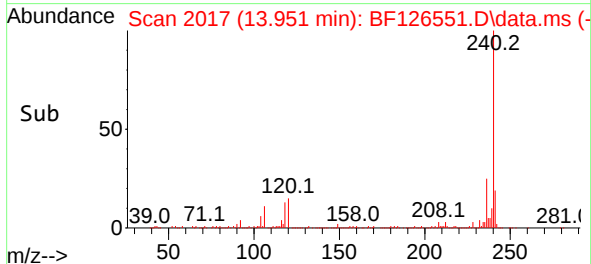
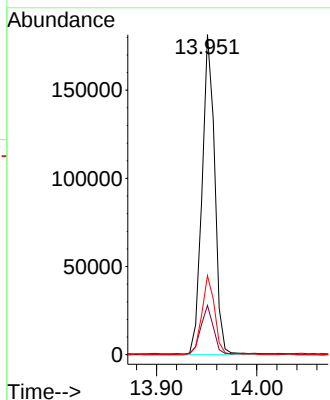
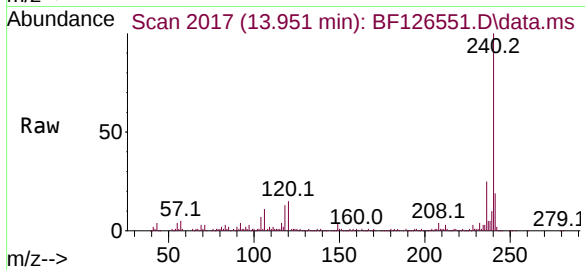




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

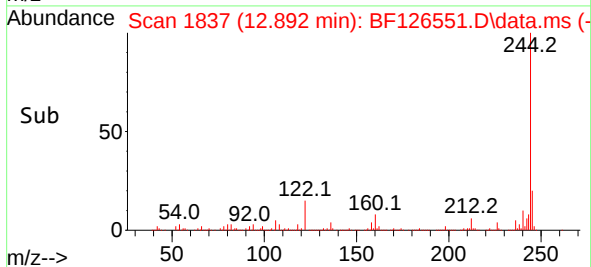
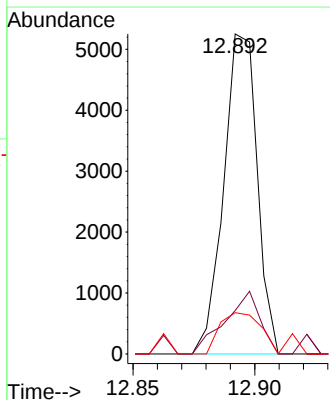
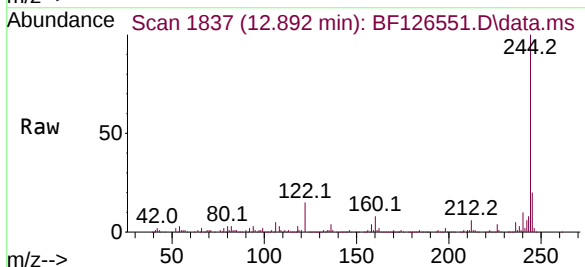
Instrument :
BNA_F
ClientSampleId :
BALL-1

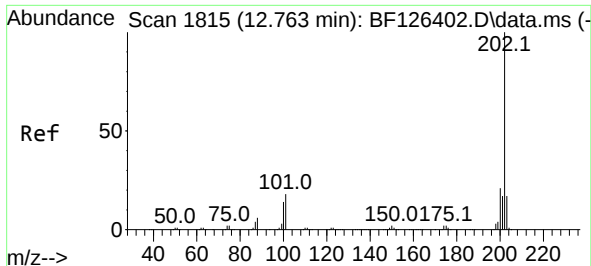
Tgt Ion:240 Resp: 160440
Ion Ratio Lower Upper
240 100
120 15.4 14.4 21.6
236 24.7 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Tgt Ion:184 Resp: 5021
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.8
183 12.9 8.2 12.2#

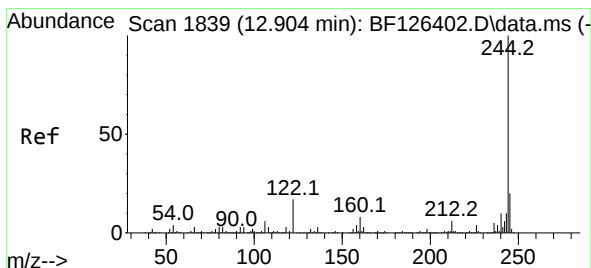
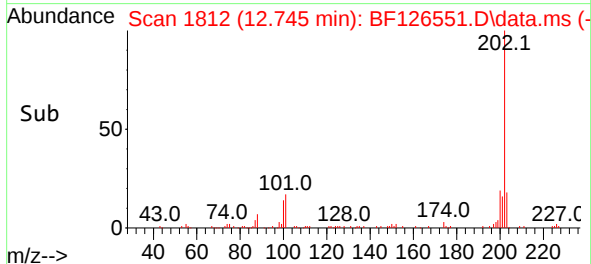
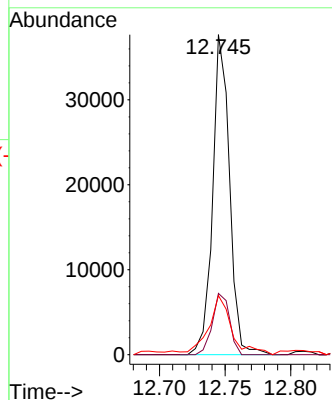
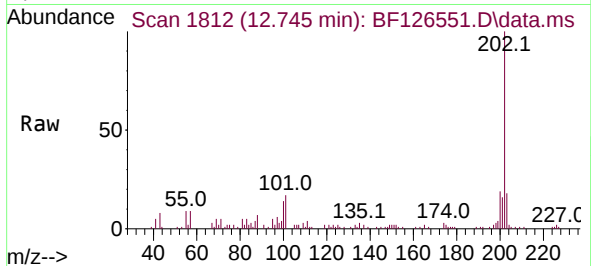




#78
Pyrene
Concen: 2.489 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

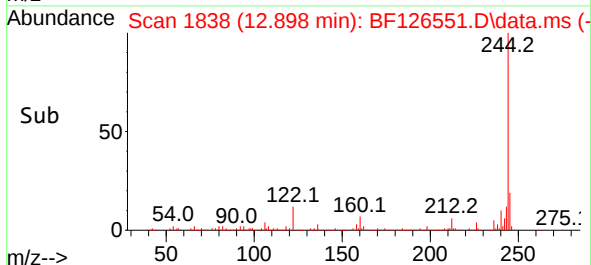
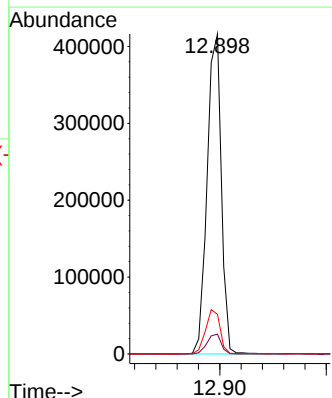
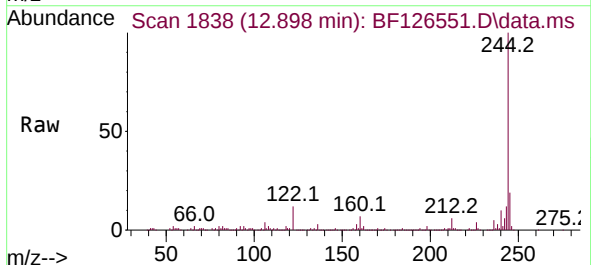
Instrument :
BNA_F
ClientSampleId :
BALL-1

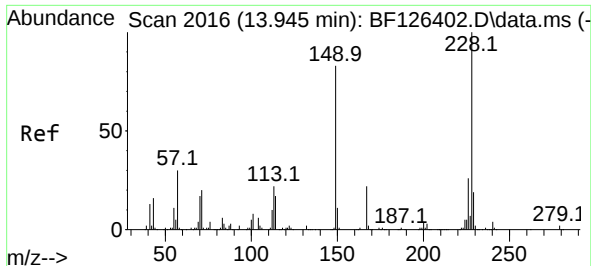
Tgt Ion:202 Resp: 33742
Ion Ratio Lower Upper
202 100
200 19.2 16.6 24.8
203 18.5 13.8 20.8



#79
Terphenyl-d14
Concen: 46.750 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Tgt Ion:244 Resp: 386044
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 12.4 13.3 19.9#

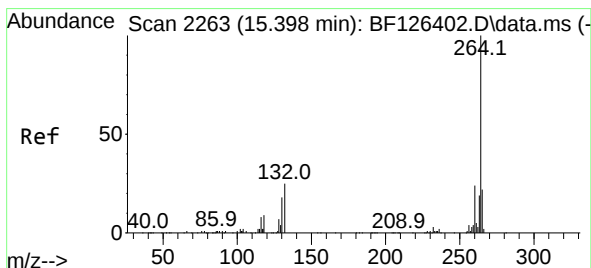
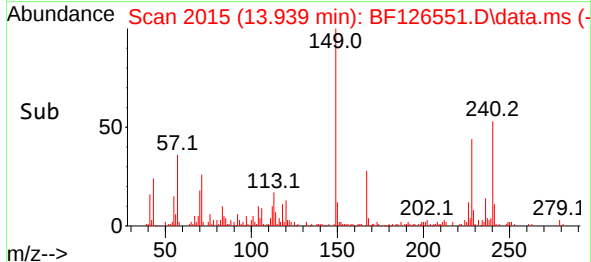
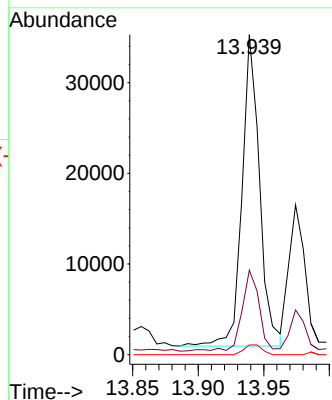
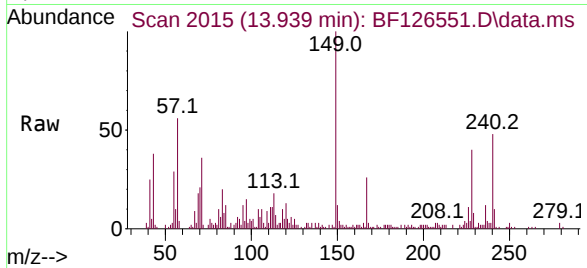




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.141 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.006 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

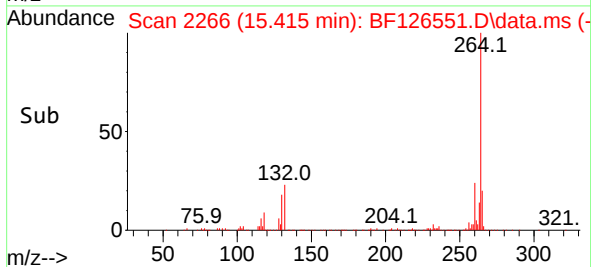
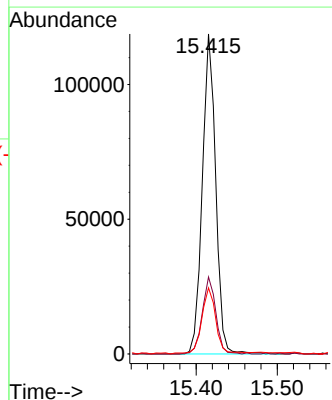
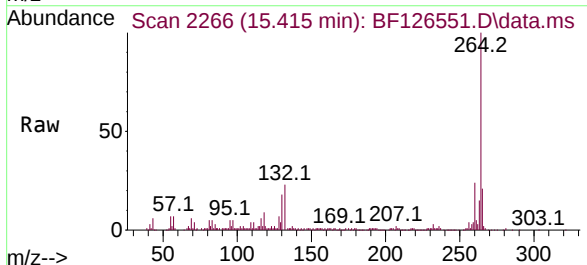
Instrument :
BNA_F
ClientSampleId :
BALL-1

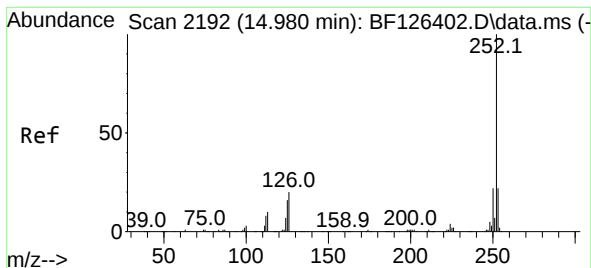
Tgt Ion:149 Resp: 32012
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 3.1 2.4 3.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.029 min
Lab File: BF126551.D
Acq: 7 Jan 2022 19:27

Tgt Ion:264 Resp: 135602
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 20.6 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 2.588 ng

RT: 14.998 min Scan# 2195

Delta R.T. 0.024 min

Lab File: BF126551.D

Acq: 7 Jan 2022 19:27

Instrument :

BNA_F

ClientSampleId :

BALL-1

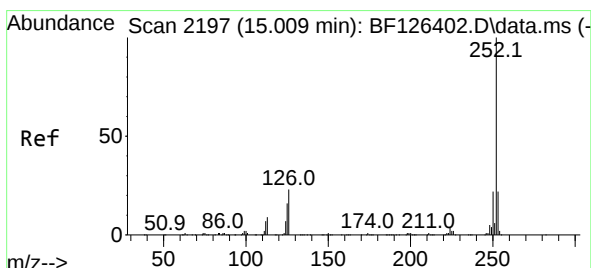
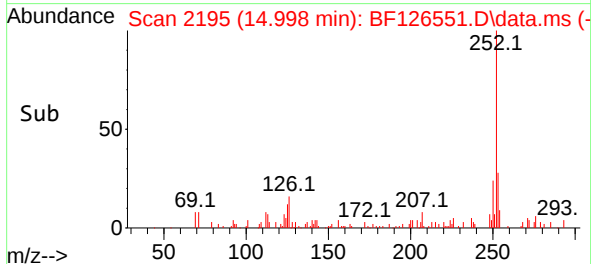
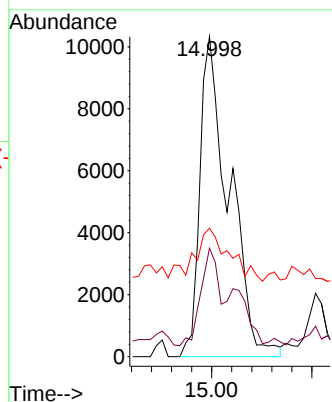
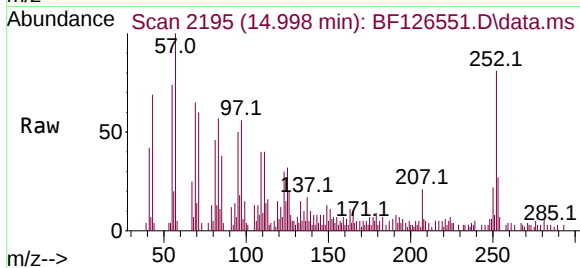
Tgt Ion:252 Resp: 20907

Ion Ratio Lower Upper

252 100

253 33.9 17.8 26.8#

125 40.1 12.4 18.6#



#89

Benzo(k)fluoranthene

Concen: 2.672 ng

RT: 14.998 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BF126551.D

Acq: 7 Jan 2022 19:27

Tgt Ion:252 Resp: 20907

Ion Ratio Lower Upper

252 100

253 33.9 17.5 26.3#

125 40.1 11.8 17.6#

