

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123270.D
 Acq On : 22 Feb 2021 21:26
 Operator : JU/CG
 Sample : M1452-21 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Feb 23 03:51:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

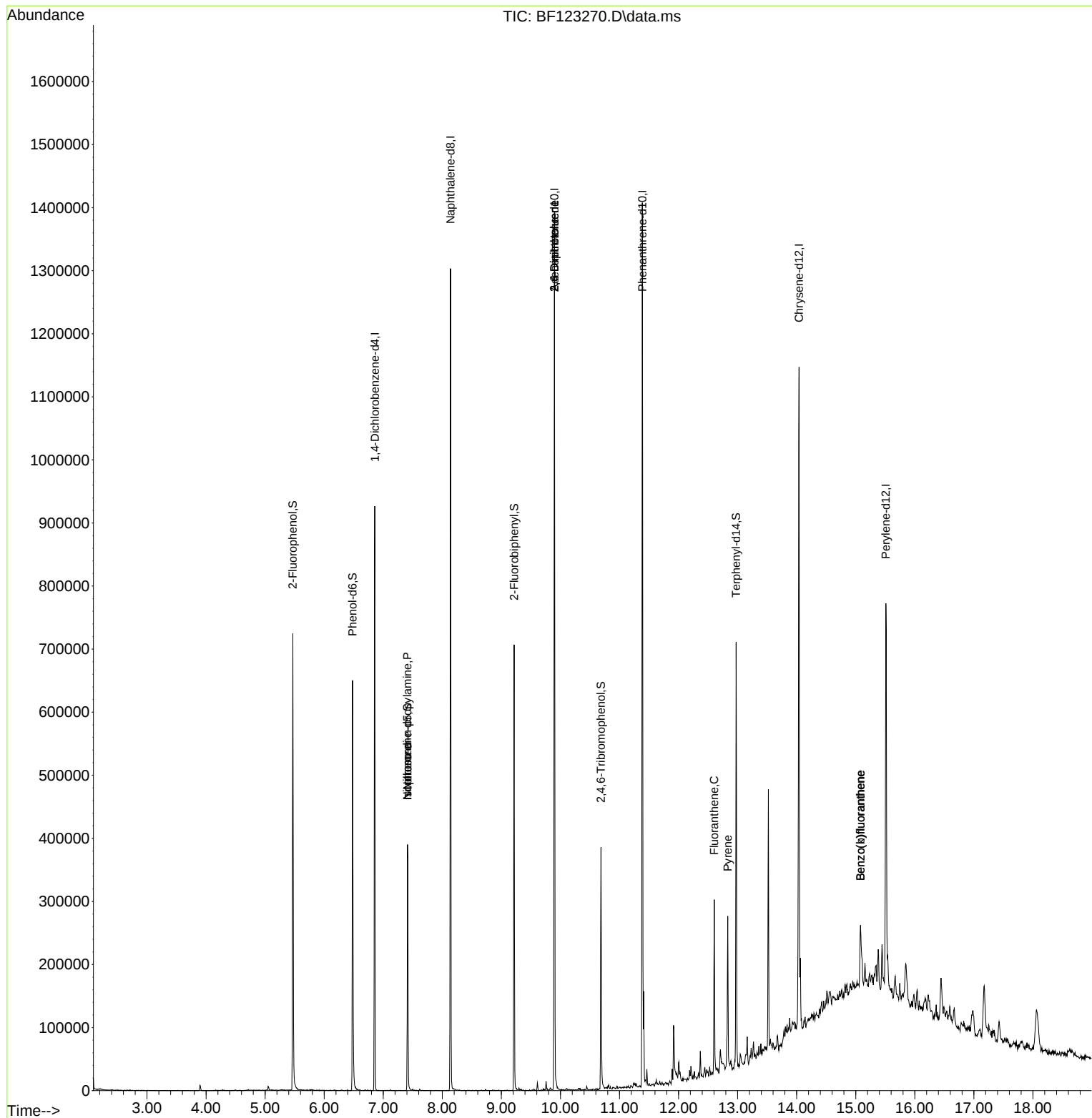
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	119949	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	487487	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	252416	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	473014	20.00	ng	0.00
76) Chrysene-d12	14.039	240	330271	20.00	ng	0.00
86) Perylene-d12	15.510	264	268419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	177483	21.30	ng	0.00
7) Phenol-d6	6.481	99	192870	17.04	ng	-0.01
23) Nitrobenzene-d5	7.410	82	125953	11.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	37650	14.65	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	182852	10.41	ng	0.00
79) Terphenyl-d14	12.974	244	175414	10.21	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	285	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	16820	2.50	ng	# 80
25) Isophorone	7.410	82	125950	6.32	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	31170	7.17	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	31170	5.33	ng	# 26
75) Fluoranthene	12.604	202	96796	3.26	ng	99
78) Pyrene	12.833	202	86863	3.37	ng	97
88) Benzo(b)fluoranthene	15.080	252	58822	3.12	ng	# 92
89) Benzo(k)fluoranthene	15.080	252	58822	3.44	ng	# 91

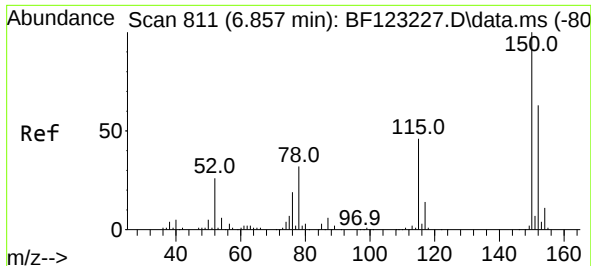
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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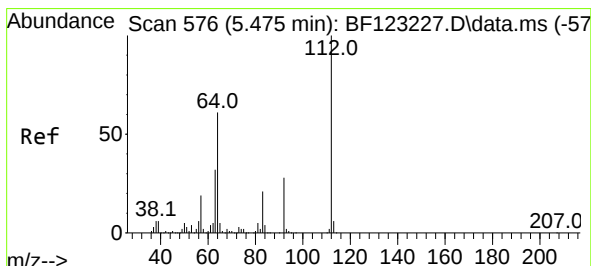
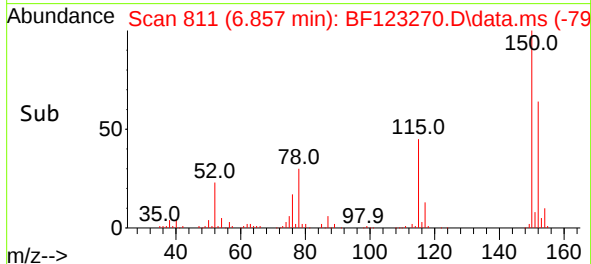
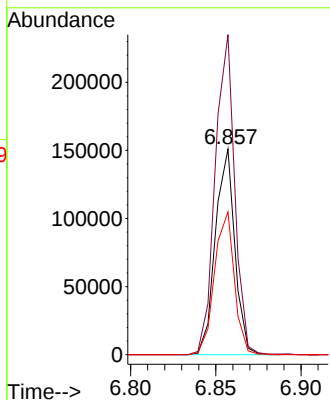
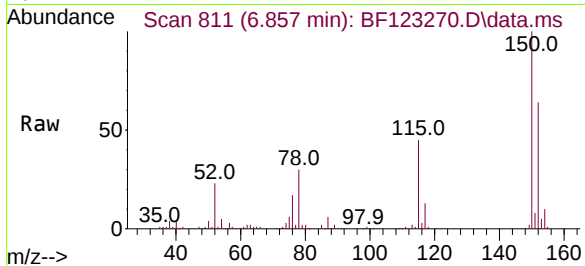




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

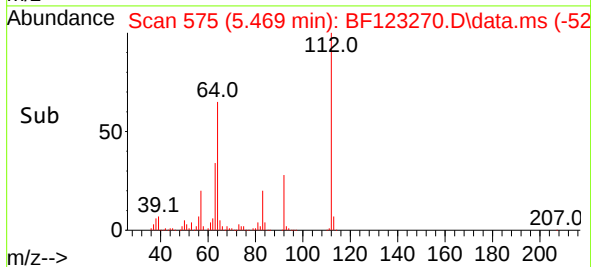
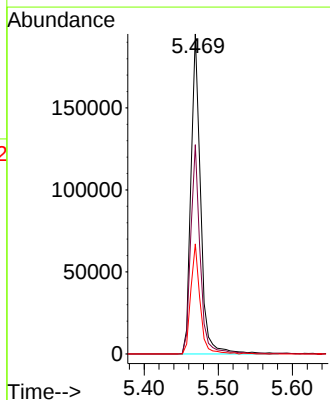
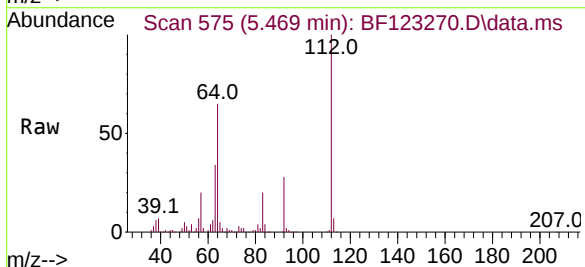
Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 119949
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 69.4 49.3 73.9



#5
2-Fluorophenol
Concen: 21.30 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion:112 Resp: 177483
Ion Ratio Lower Upper
112 100
64 65.4 46.9 70.3
63 34.4 24.5 36.7



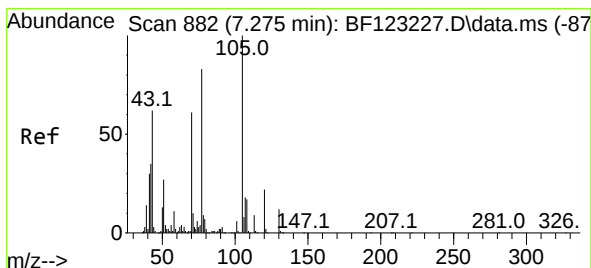
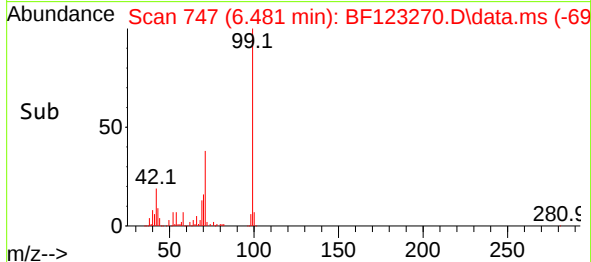
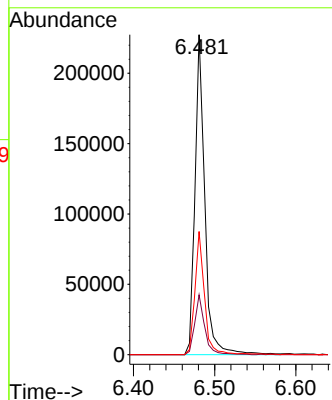
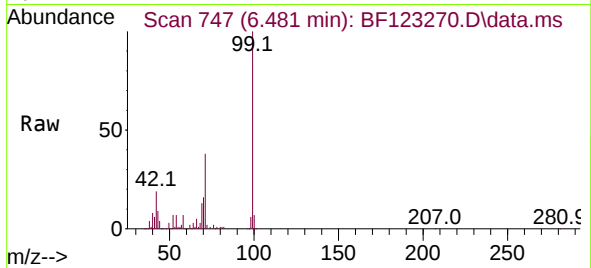


#7
Phenol-d6
Concen: 17.04 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 192870

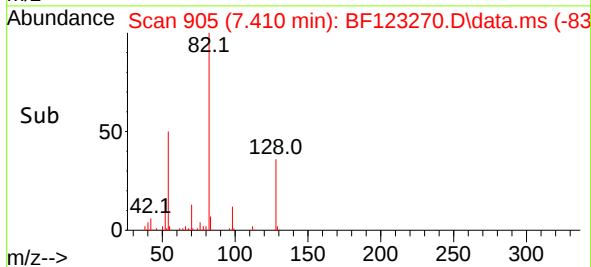
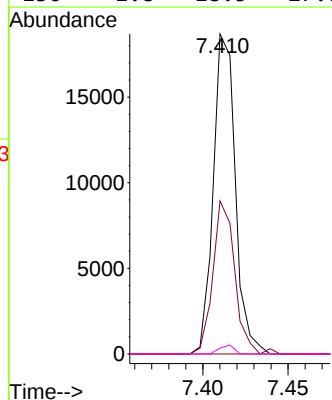
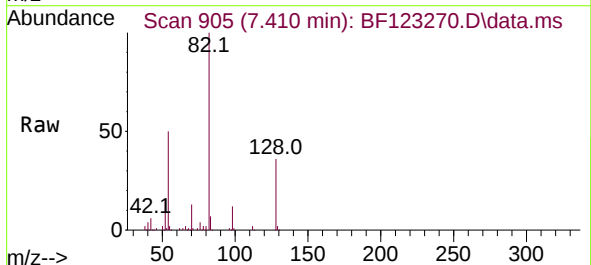
Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.8	20.6
71	38.5	26.9	40.3

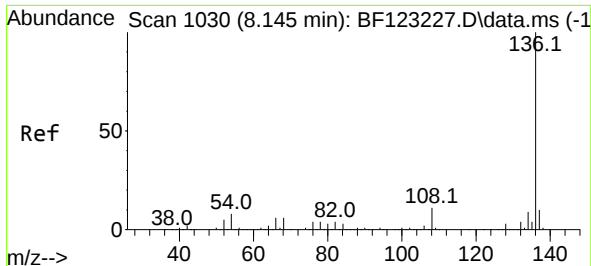


#19
n-Nitroso-di-n-propylamine
Concen: 2.50 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion: 70 Resp: 16820

Ion	Ratio	Lower	Upper
70	100		
42	47.8	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#

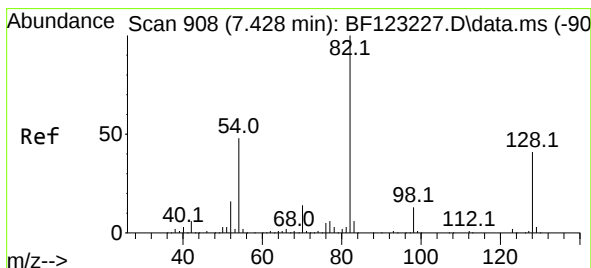
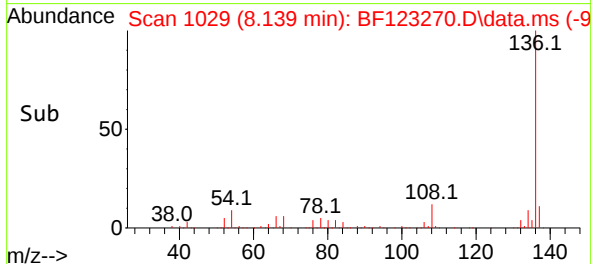
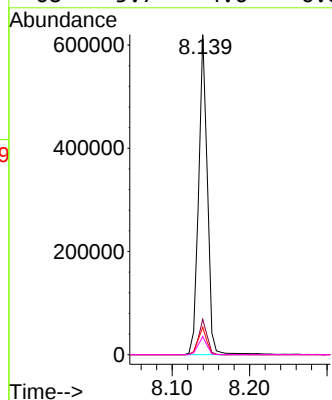
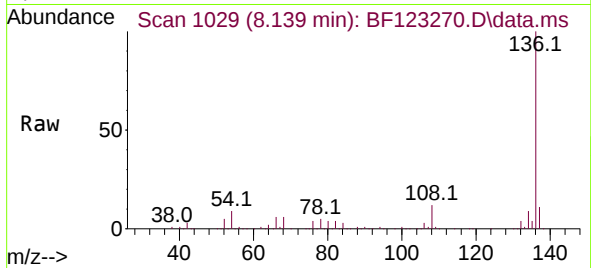




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

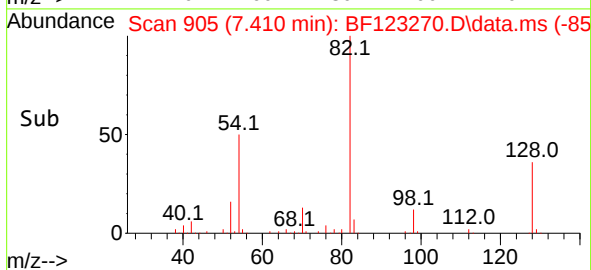
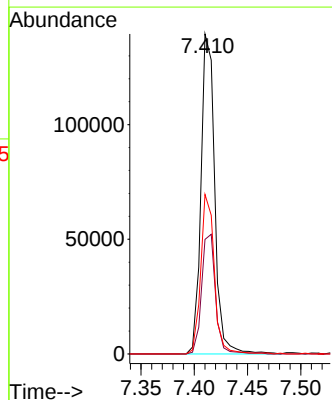
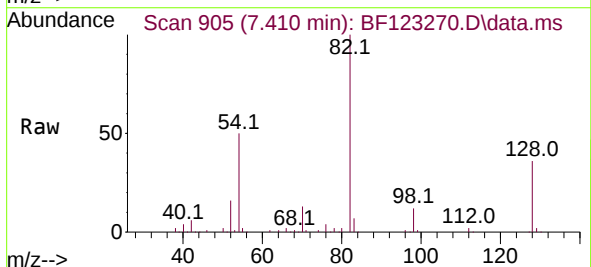
Instrument :
BNA_F
ClientSampleId :
TP-6

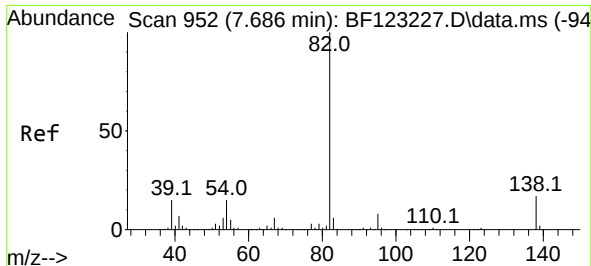
Tgt Ion:136 Resp: 487487
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.6 5.5 8.3#
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 11.83 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion: 82 Resp: 125953
Ion Ratio Lower Upper
82 100
128 35.8 37.0 55.4#
54 49.8 38.4 57.6

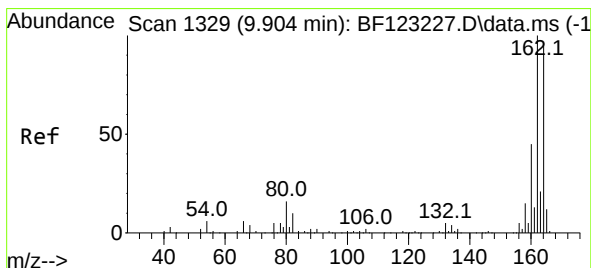
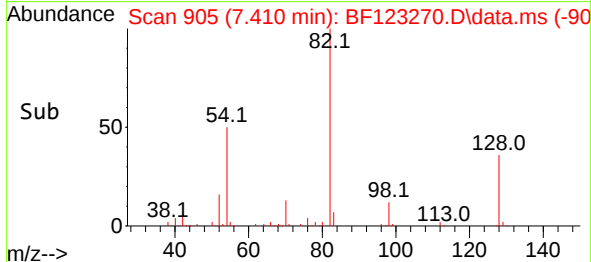
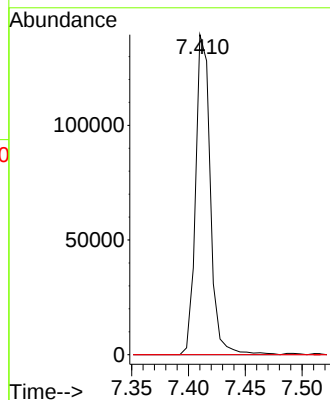
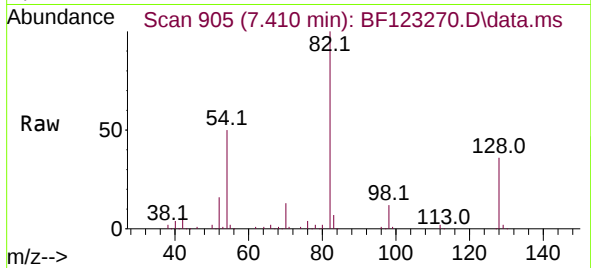




#25
Isophorone
Concen: 6.32 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.276 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

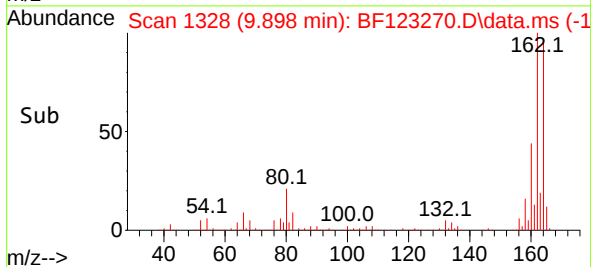
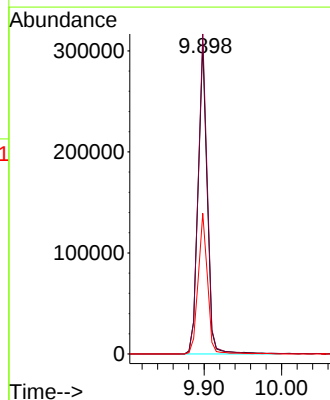
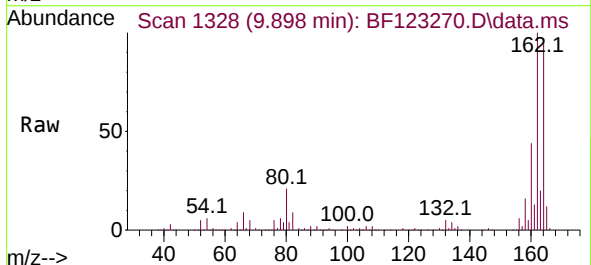
Instrument :
BNA_F
ClientSampleId :
TP-6

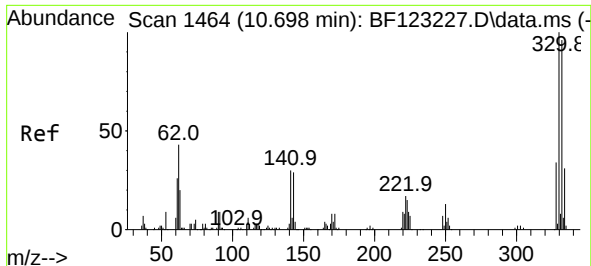
Tgt Ion: 82 Resp: 125950
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion: 164 Resp: 252416
Ion Ratio Lower Upper
164 100
162 103.1 80.8 121.2
160 45.4 35.4 53.0

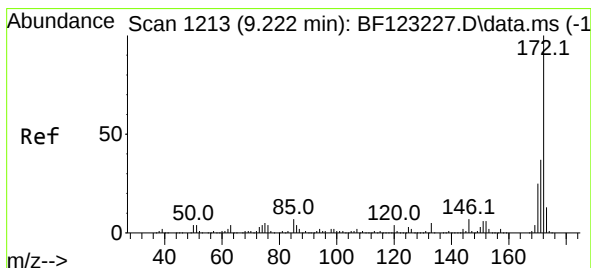
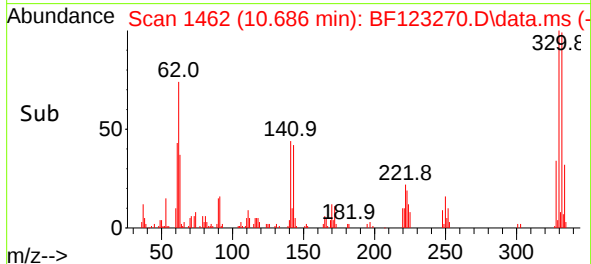
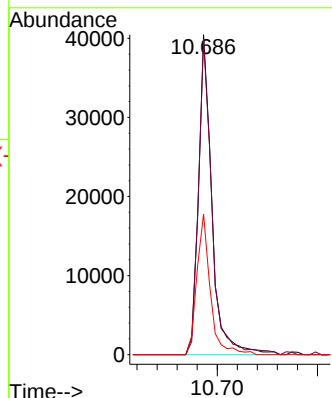
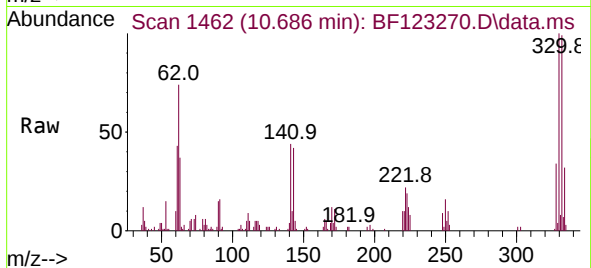




#42
2,4,6-Tribromophenol
Concen: 14.65 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

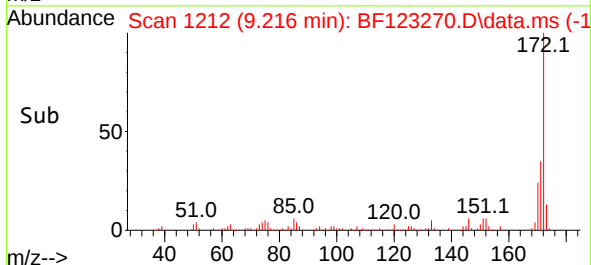
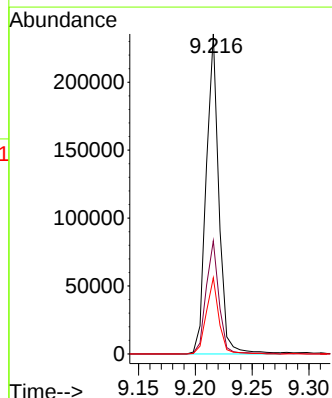
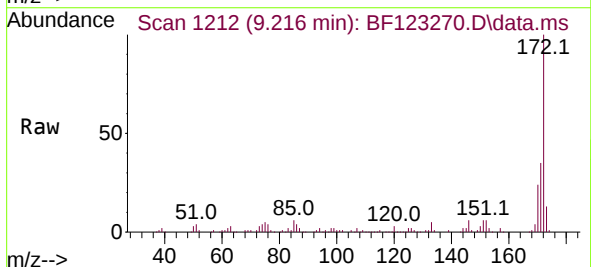
Instrument :
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TP-6

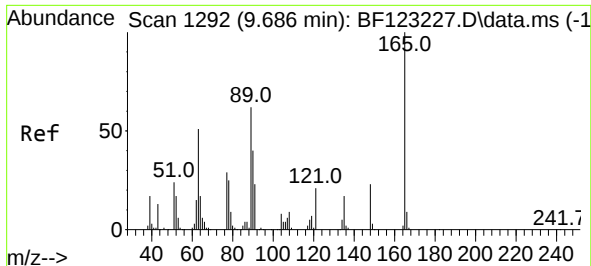
Tgt Ion: 330 Resp: 37650
Ion Ratio Lower Upper
330 100
332 99.3 77.5 116.3
141 44.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 10.41 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion: 172 Resp: 182852
Ion Ratio Lower Upper
172 100
171 35.4 29.6 44.4
170 23.8 19.5 29.3

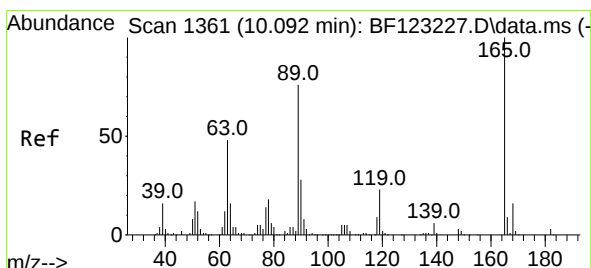
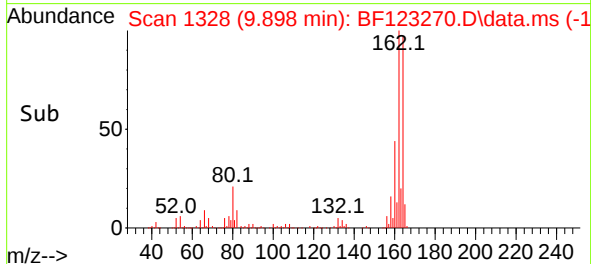
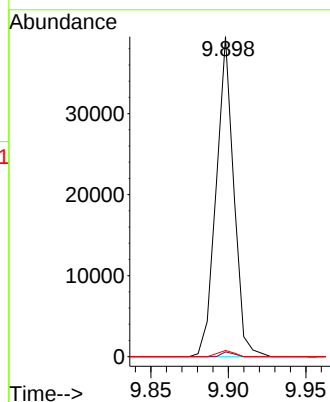
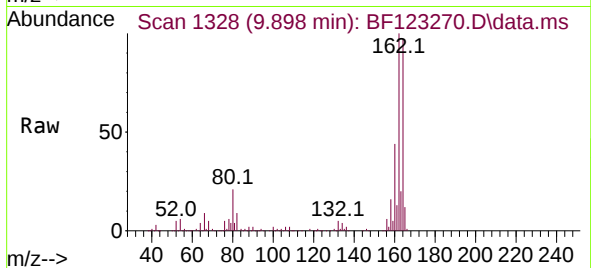




#51
2,6-Dinitrotoluene
Concen: 7.17 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

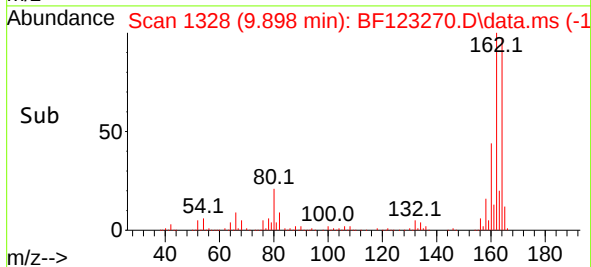
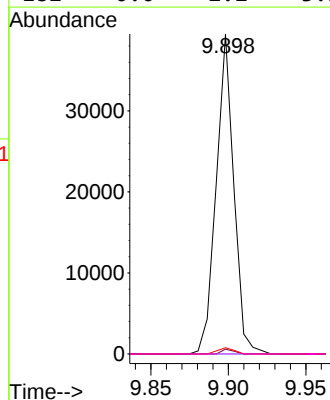
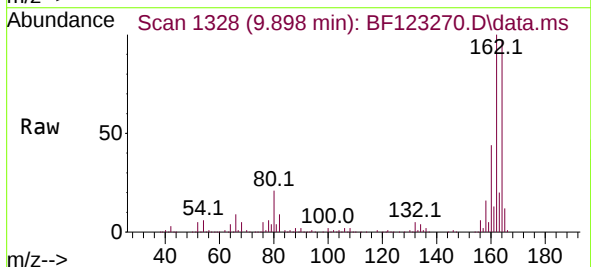
Instrument :
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ClientSampleId :
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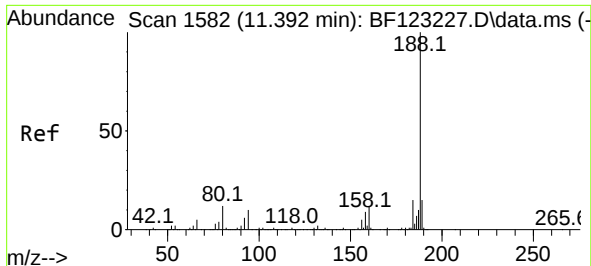
Tgt Ion:165 Resp: 31170
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 2.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.33 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion:165 Resp: 31170
Ion Ratio Lower Upper
165 100
63 1.5 34.3 51.5#
89 2.0 55.2 82.8#
182 0.0 2.2 3.2#

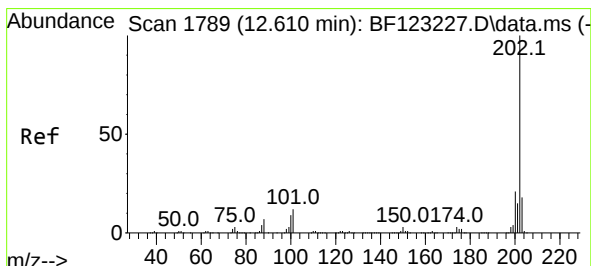
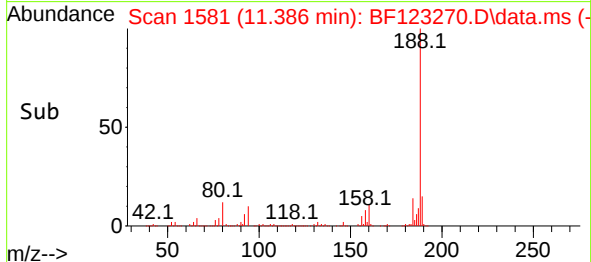
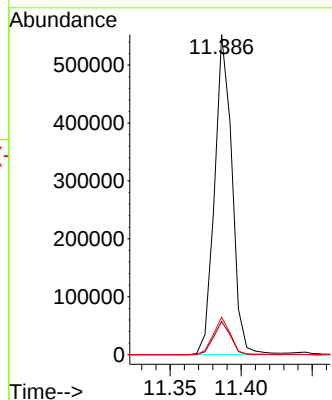
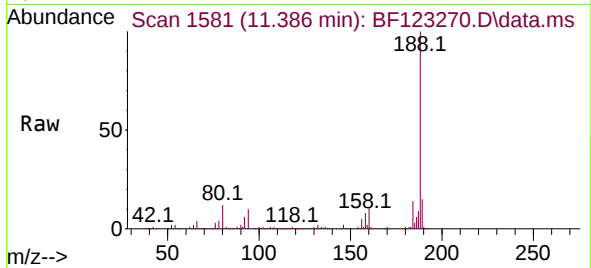




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

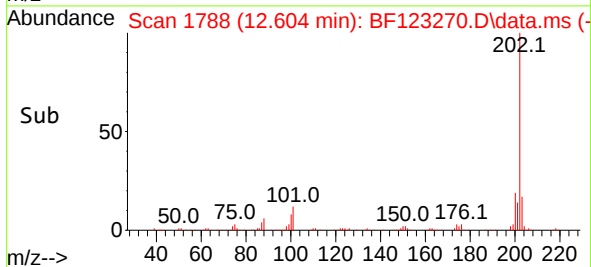
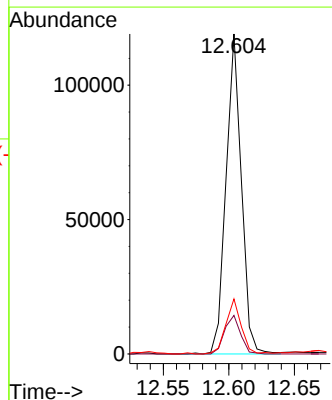
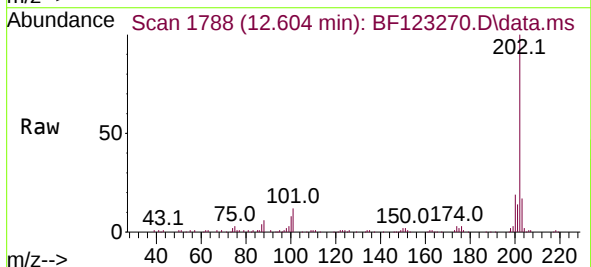
Instrument :
BNA_F
ClientSampleId :
TP-6

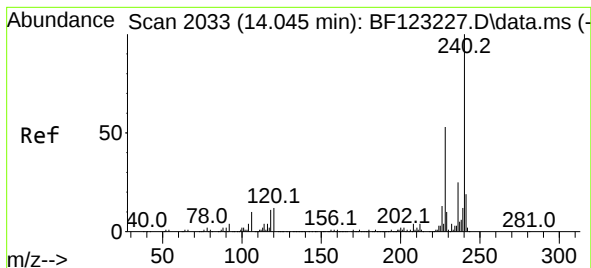
Tgt Ion:188 Resp: 473014
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.7 8.2 12.4



#75
Fluoranthene
Concen: 3.26 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion:202 Resp: 96796
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.2
203 17.2 0.0 38.1





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF123270.D

Acq: 22 Feb 2021 21:26

Tgt Ion:240 Resp: 330271

Ion Ratio Lower Upper

240 100

120 9.7 8.6 12.8

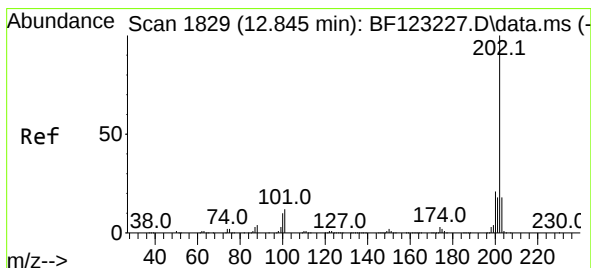
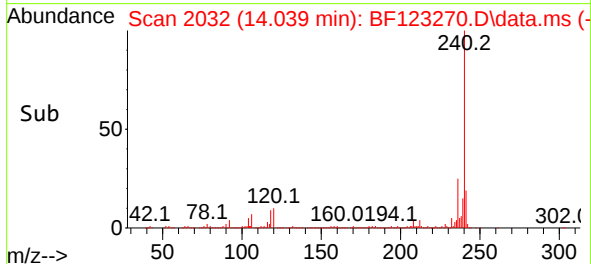
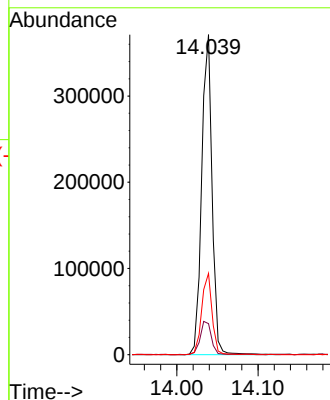
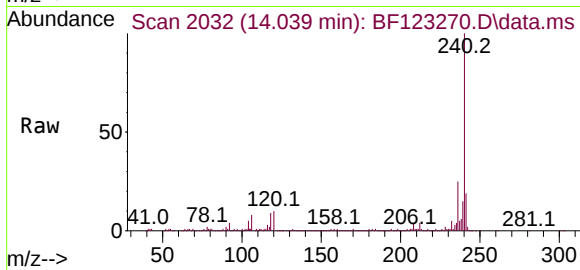
236 25.4 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

TP-6



#78

Pyrene

Concen: 3.37 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF123270.D

Acq: 22 Feb 2021 21:26

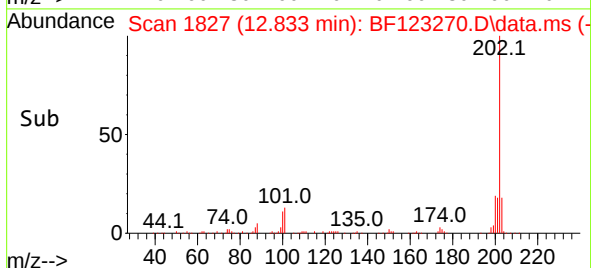
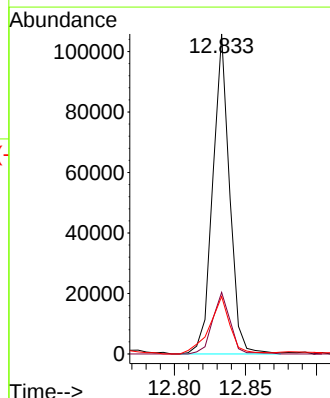
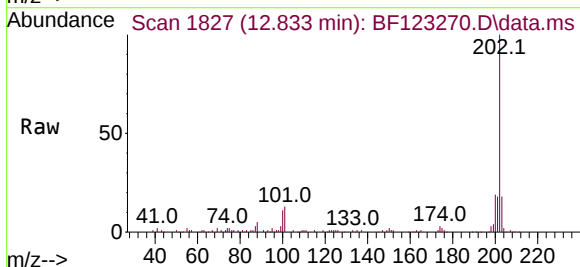
Tgt Ion:202 Resp: 86863

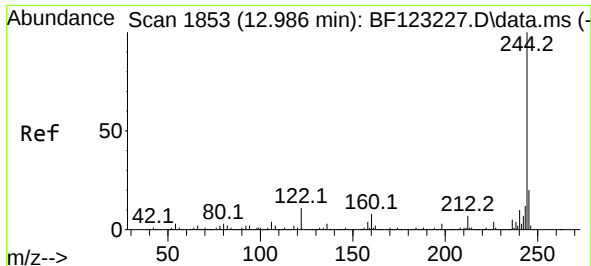
Ion Ratio Lower Upper

202 100

200 19.2 17.6 26.4

203 17.9 14.6 21.8

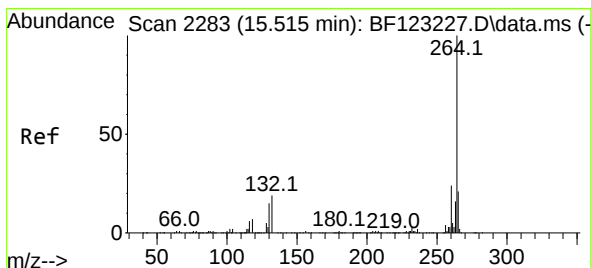
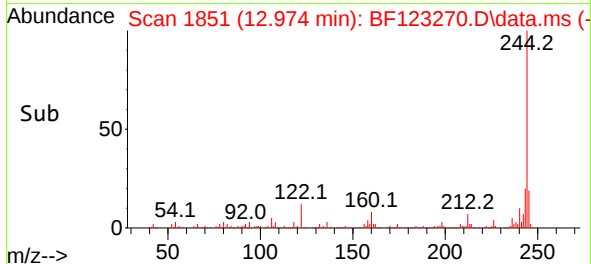
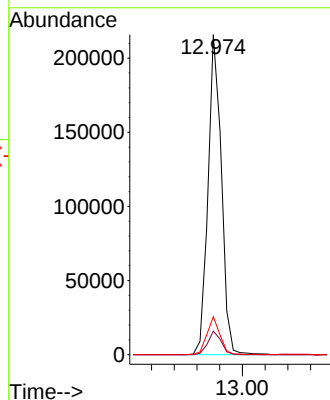
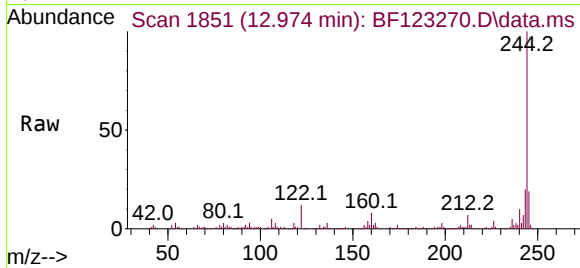




#79
Terphenyl-d14
Concen: 10.21 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

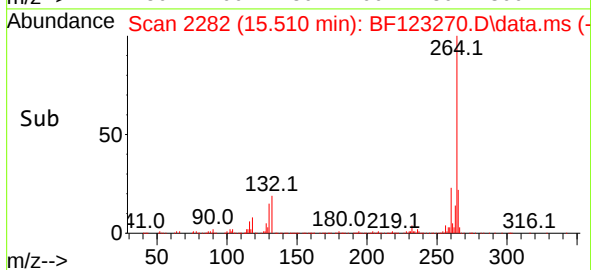
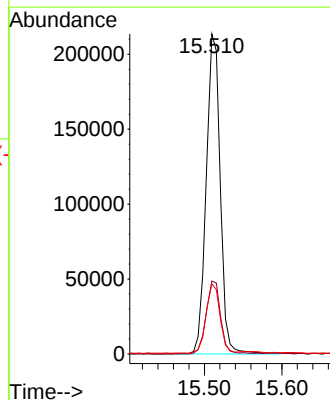
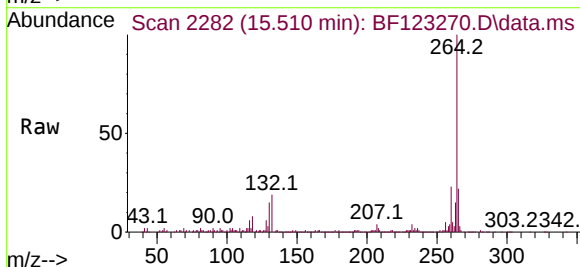
Instrument :
BNA_F
ClientSampleId :
TP-6

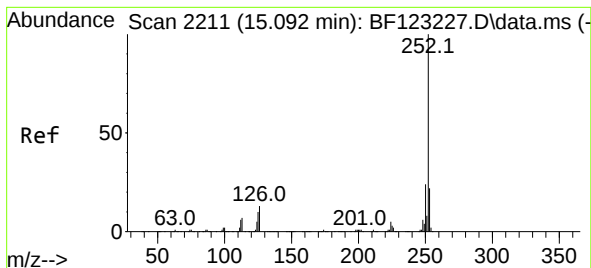
Tgt Ion:244 Resp: 175414
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.8 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123270.D
Acq: 22 Feb 2021 21:26

Tgt Ion:264 Resp: 268419
Ion Ratio Lower Upper
264 100
260 22.8 18.6 28.0
265 21.9 17.0 25.6





#88

Benzo(b)fluoranthene

Concen: 3.12 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF123270.D

Acq: 22 Feb 2021 21:26

Tgt Ion:252 Resp: 58822

Ion Ratio Lower Upper

252 100

253 26.4 18.3 27.5

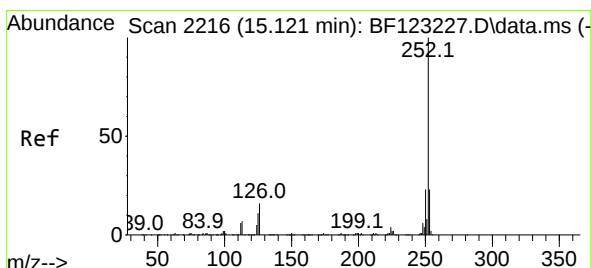
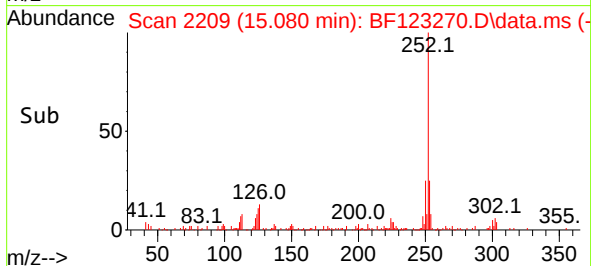
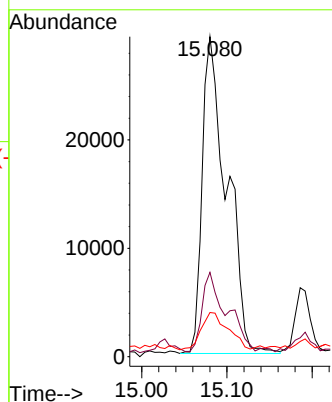
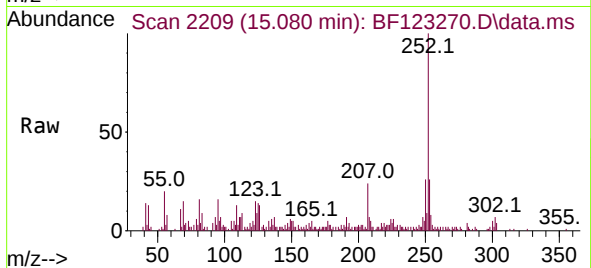
125 13.8 8.1 12.1#

Instrument :

BNA_F

ClientSampleId :

TP-6



#89

Benzo(k)fluoranthene

Concen: 3.44 ng

RT: 15.080 min Scan# 2209

Delta R.T. -0.041 min

Lab File: BF123270.D

Acq: 22 Feb 2021 21:26

Tgt Ion:252 Resp: 58822

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.8

125 13.8 8.4 12.6#

