

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
 Data File : BF123366.D
 Acq On : 3 Mar 2021 20:53
 Operator : JU/CG
 Sample : M1542-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-030221

Quant Time: Mar 03 23:55:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 03 13:18:24 2021
 Response via : Initial Calibration

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

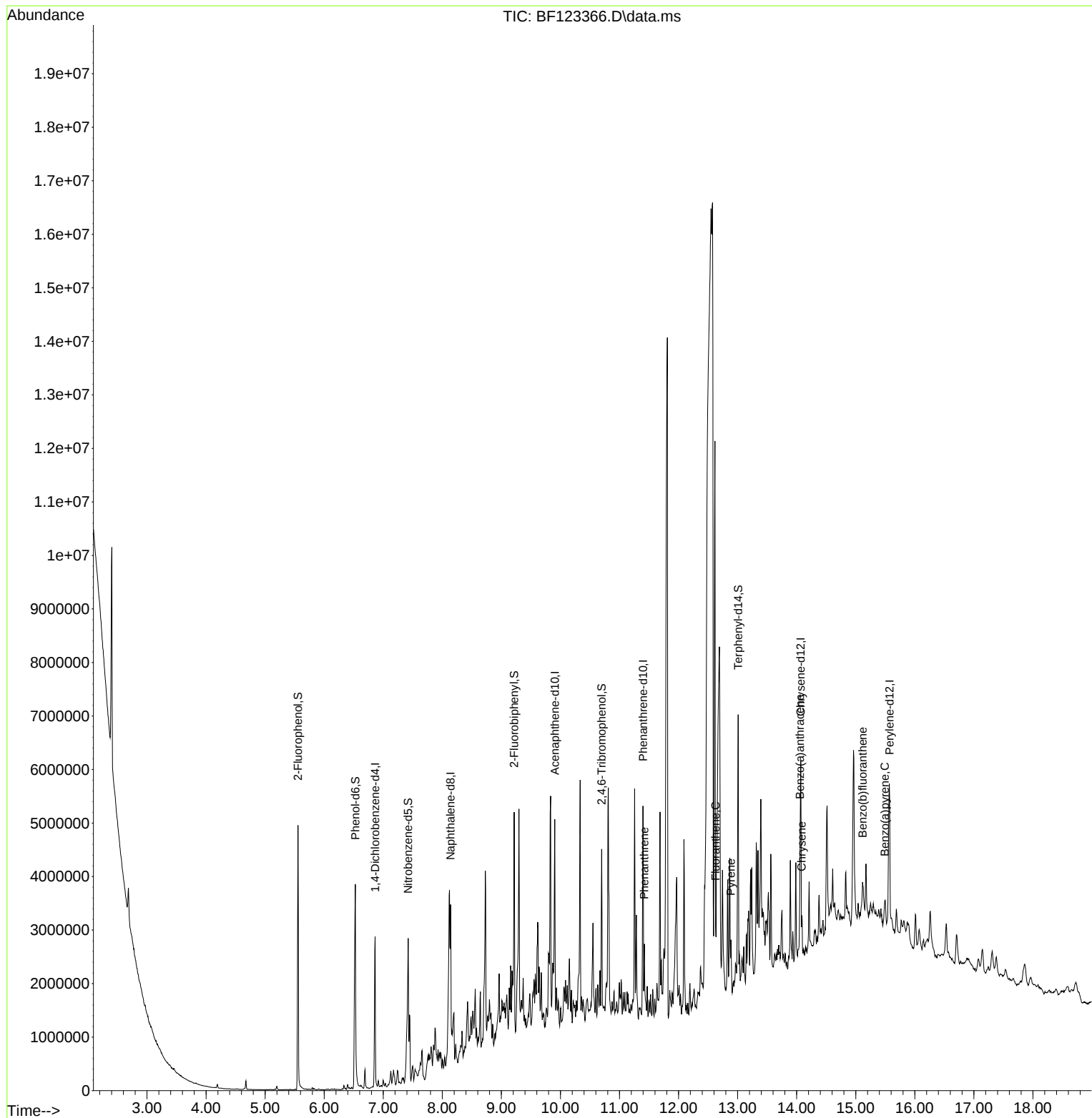
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	453333	20.00	ng	0.02
21) Naphthalene-d8	8.139	136	1755002	20.00	ng	# 0.01
39) Acenaphthene-d10	9.904	164	720846	20.00	ng	0.02
64) Phenanthrene-d10	11.398	188	1483687	20.00	ng	0.02
76) Chrysene-d12	14.068	240	1359201	20.00	ng	0.04
86) Perylene-d12	15.574	264	1232269	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1352974	42.96	ng	0.09
7) Phenol-d6	6.528	99	1817438	42.48	ng	0.04
23) Nitrobenzene-d5	7.422	82	1254247	32.72	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	375877	51.21	ng	0.02
45) 2-Fluorobiphenyl	9.216	172	1762949	35.13	ng	0.00
79) Terphenyl-d14	13.010	244	1716063	24.28	ng	0.04
Target Compounds						
						Qvalue
9) Benzaldehyde	6.422	77	2871	Below Cal	#	1
71) Phenanthrene	11.421	178	383468	4.37	ng	100
75) Fluoranthene	12.627	202	501393	5.39	ng	98
78) Pyrene	12.886	202	270327	2.55	ng	96
81) Benzo(a)anthracene	14.057	228	278828	3.02	ng	# 90
83) Chrysene	14.086	228	278461	3.07	ng	# 93
88) Benzo(b)fluoranthene	15.115	252	407730	4.71	ng	# 77
90) Benzo(a)pyrene	15.492	252	220893	2.86	ng	# 80

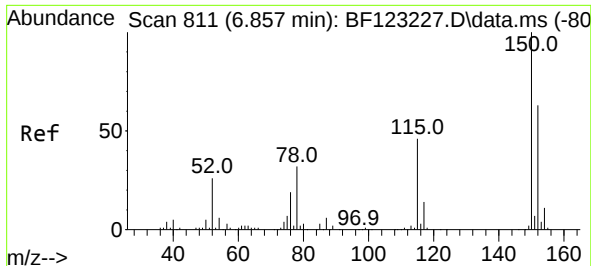
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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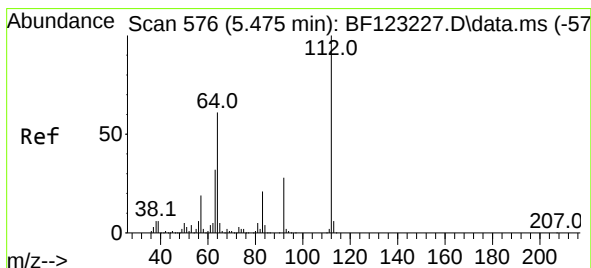
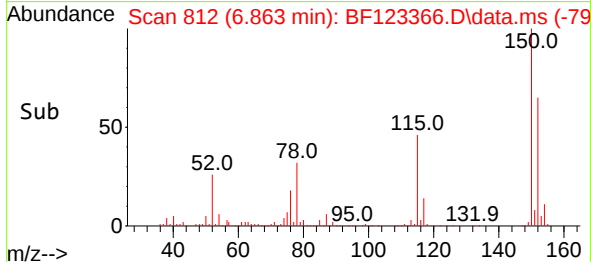
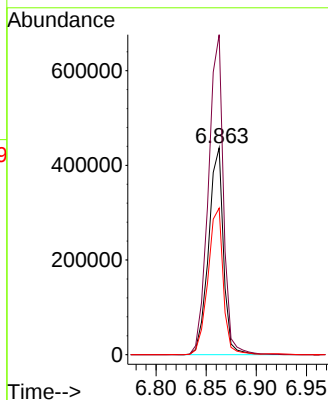
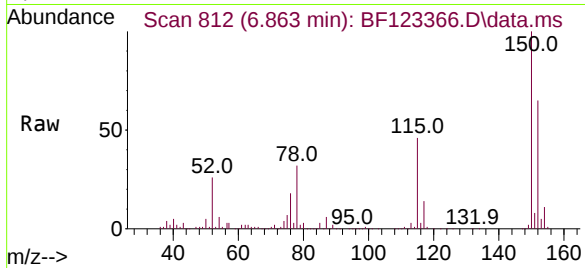




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.018 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

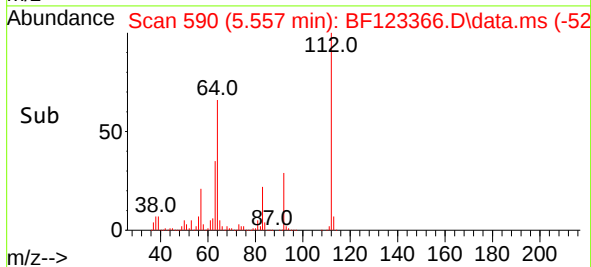
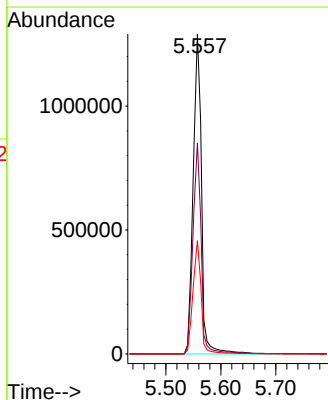
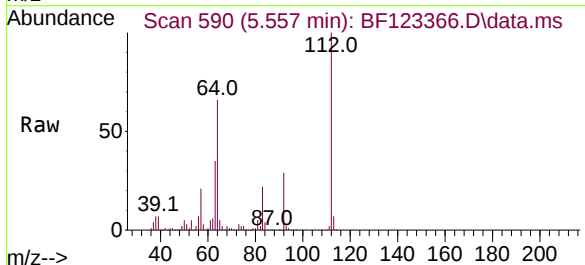
Instrument :
BNA_F
ClientSampleId :
SU-03-030221

Tgt Ion:152 Resp: 453333
Ion Ratio Lower Upper
152 100
150 154.7 125.8 188.6
115 70.9 49.3 73.9



#5
2-Fluorophenol
Concen: 42.96 ng
RT: 5.557 min Scan# 590
Delta R.T. 0.088 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

Tgt Ion:112 Resp: 1352974
Ion Ratio Lower Upper
112 100
64 66.0 46.9 70.3
63 35.4 24.5 36.7

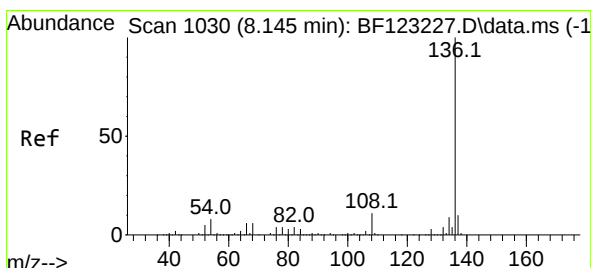
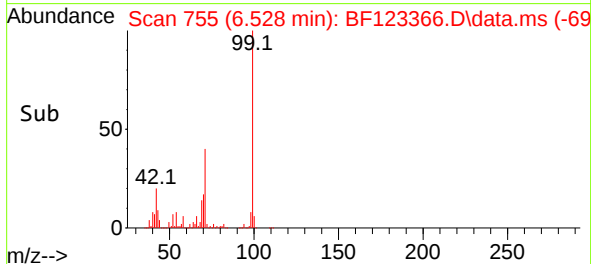
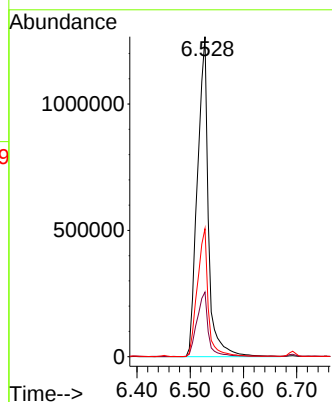
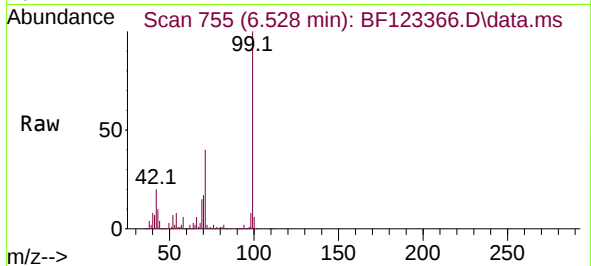




#7
Phenol-d6
Concen: 42.48 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.041 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

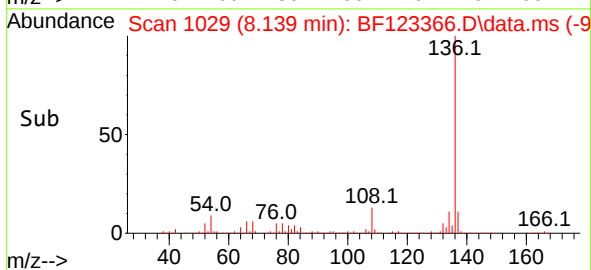
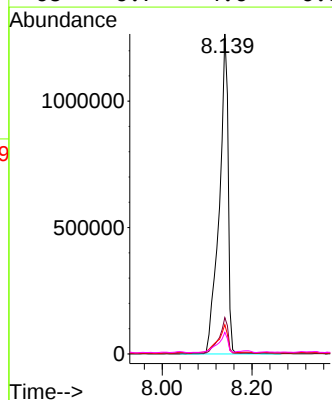
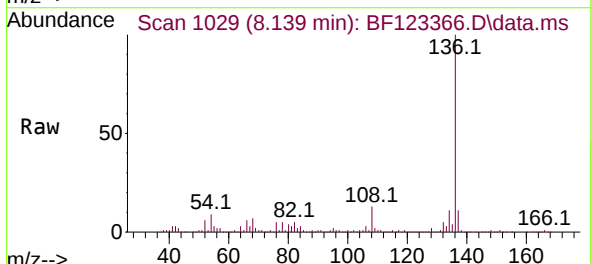
Instrument :
BNA_F
ClientSampleId :
SU-03-030221

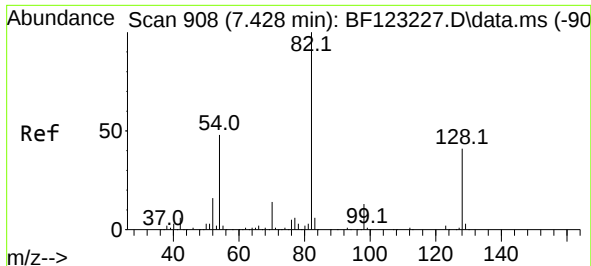
Tgt Ion: 99 Resp: 1817438
Ion Ratio Lower Upper
99 100
42 20.2 13.8 20.6
71 40.0 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.012 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

Tgt Ion: 136 Resp: 1755002
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.1 5.5 8.3#
68 6.7 4.6 6.8

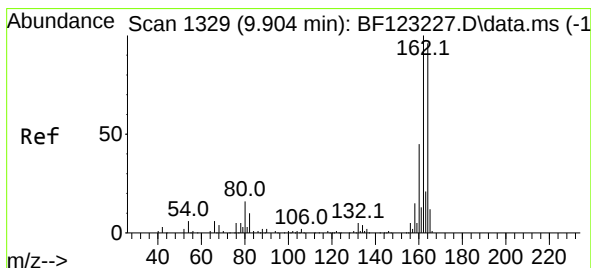
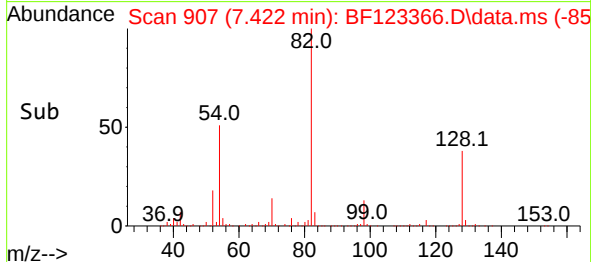
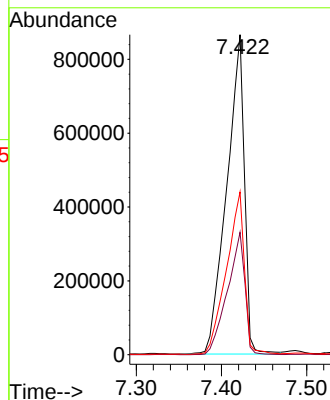
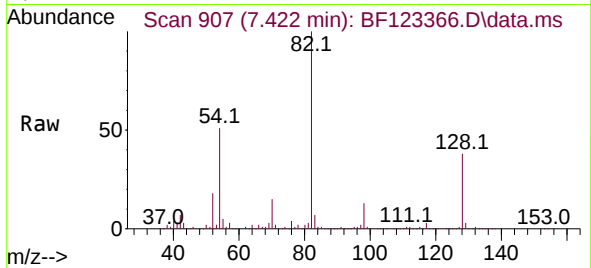




#23
Nitrobenzene-d5
Concen: 32.72 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.006 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

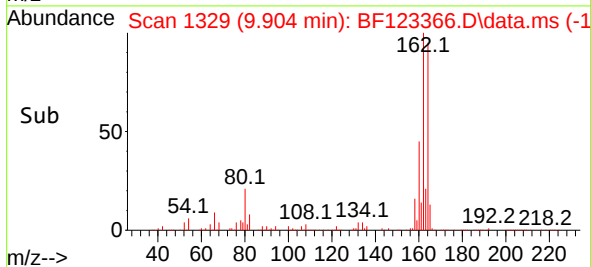
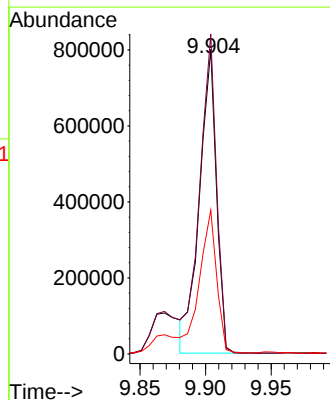
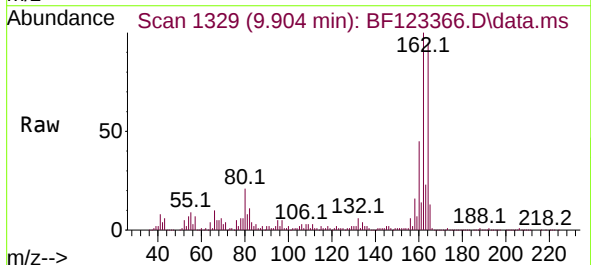
Instrument :
BNA_F
ClientSampled :
SU-03-030221

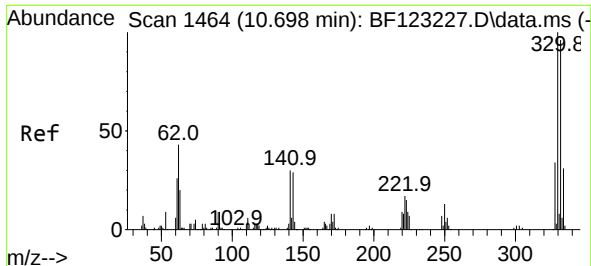
Tgt Ion: 82 Resp: 1254247
Ion Ratio Lower Upper
82 100
128 38.2 37.0 55.4
54 50.9 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.018 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

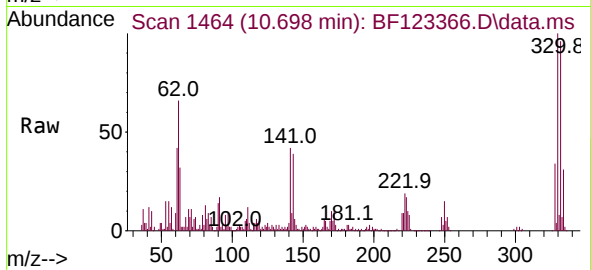
Tgt Ion: 164 Resp: 720846
Ion Ratio Lower Upper
164 100
162 105.1 80.8 121.2
160 47.2 35.4 53.0



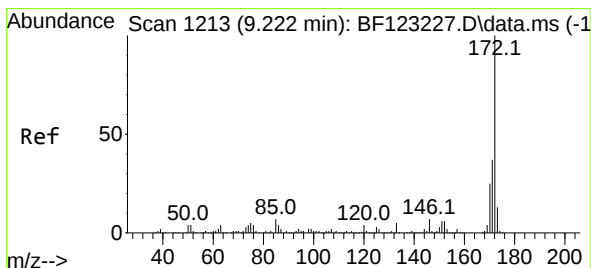
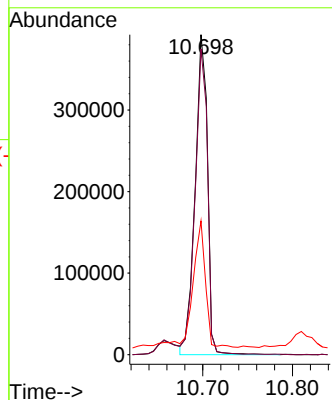
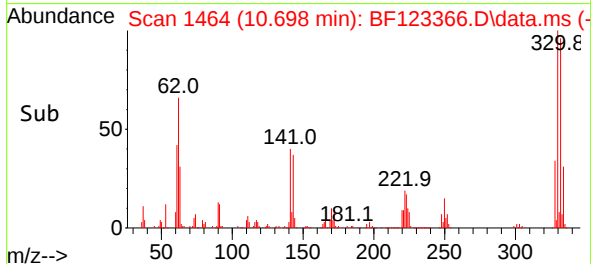


#42
2,4,6-Tribromophenol
Concen: 51.21 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.018 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

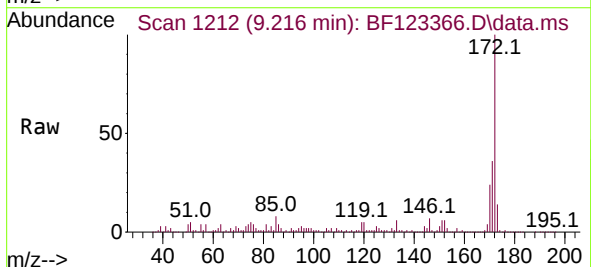
Instrument :
BNA_F
ClientSampleId :
SU-03-030221



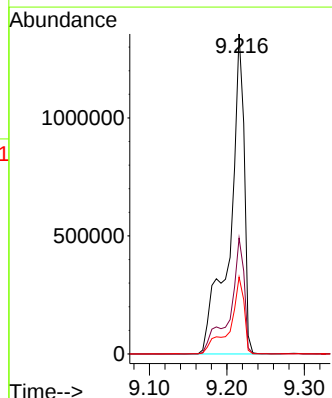
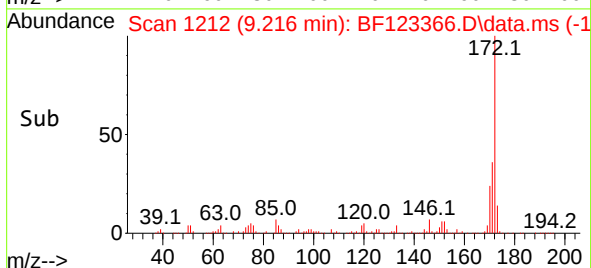
Tgt Ion: 330 Resp: 375877
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 43.9 23.8 35.8#

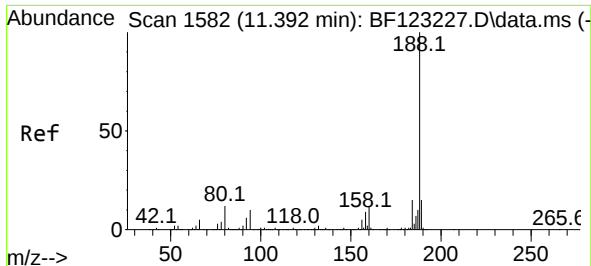


#45
2-Fluorobiphenyl
Concen: 35.13 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.006 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53



Tgt Ion: 172 Resp: 1762949
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.1 19.5 29.3

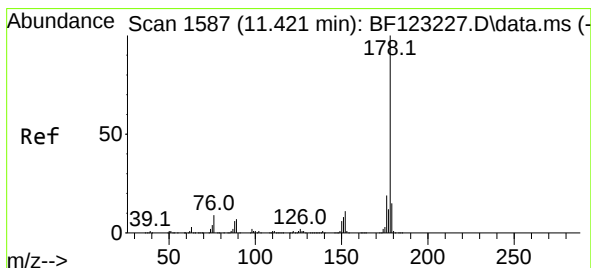
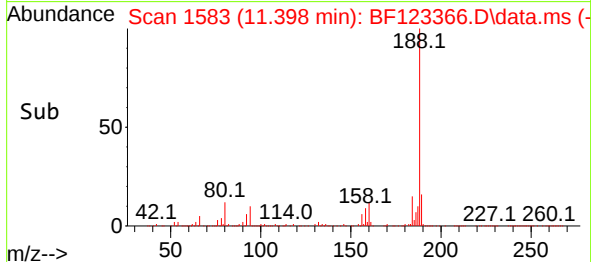
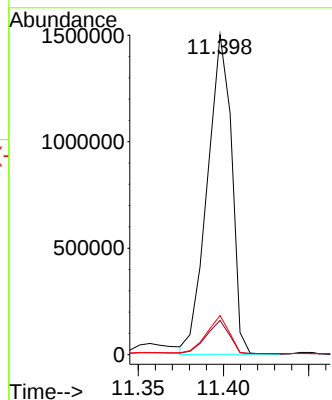
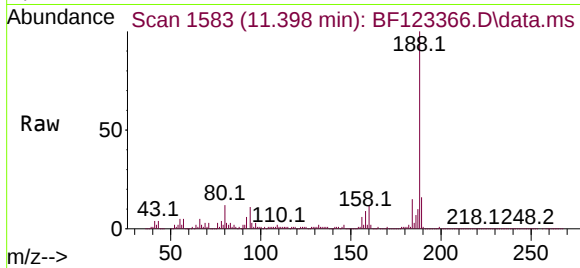




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.018 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

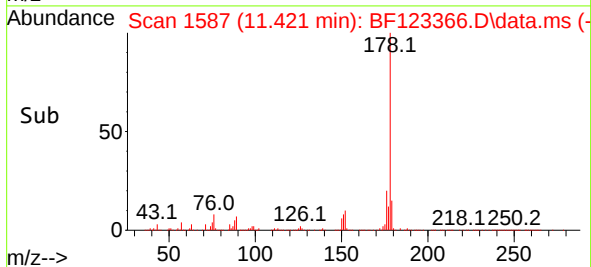
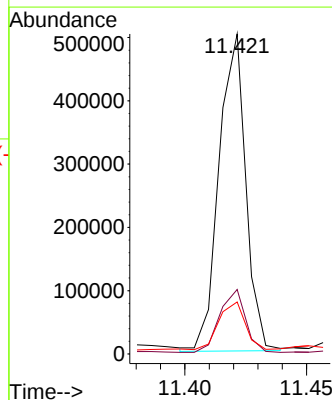
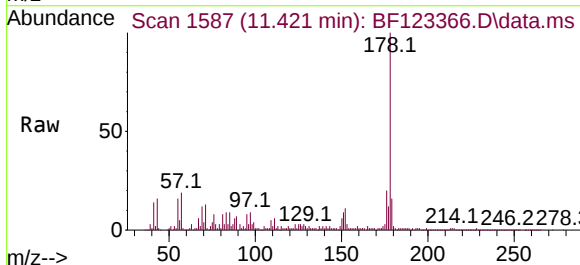
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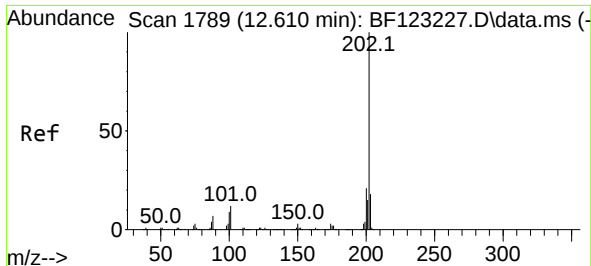
Tgt Ion:188 Resp: 1483687
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 12.3 8.2 12.4



#71
Phenanthrene
Concen: 4.37 ng
RT: 11.421 min Scan# 1587
Delta R.T. 0.018 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

Tgt Ion:178 Resp: 383468
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 16.2 12.7 19.1

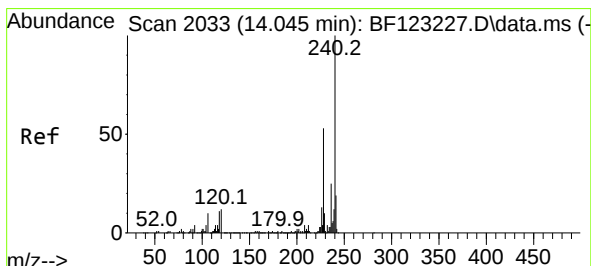
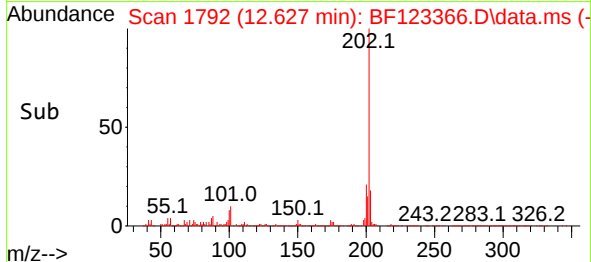
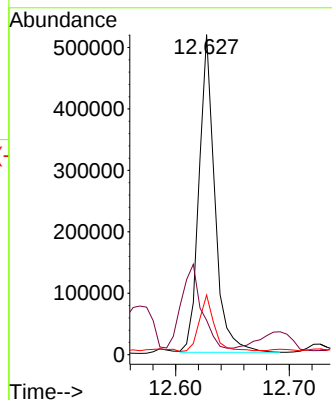
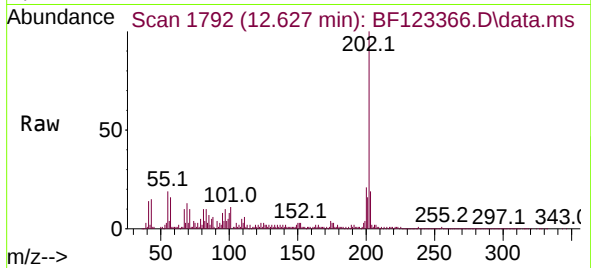




#75
Fluoranthene
Concen: 5.39 ng
RT: 12.627 min Scan# 1792
Delta R.T. 0.029 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

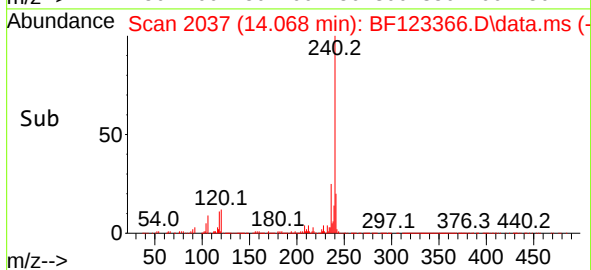
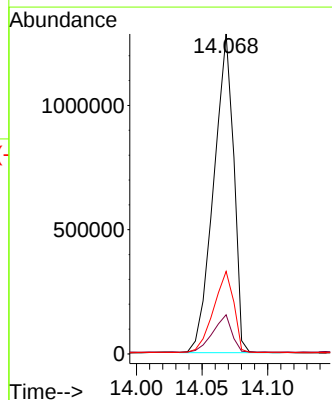
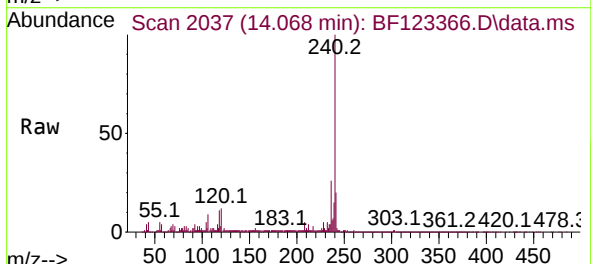
Instrument :
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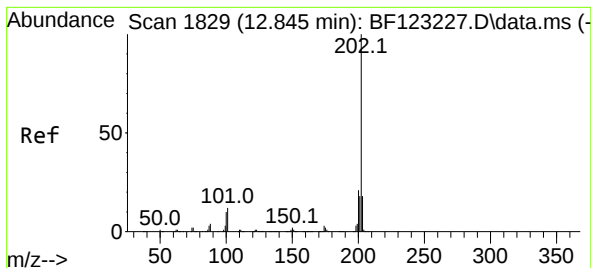
Tgt Ion:202 Resp: 501393
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.2
203 18.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.035 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

Tgt Ion:240 Resp: 1359201
Ion Ratio Lower Upper
240 100
120 12.2 8.6 12.8
236 25.8 20.3 30.5





#78

Pyrene

Concen: 2.55 ng

RT: 12.886 min Scan# 1836

Delta R.T. 0.059 min

Lab File: BF123366.D

Acq: 3 Mar 2021 20:53

Tgt Ion:202 Resp: 270327

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

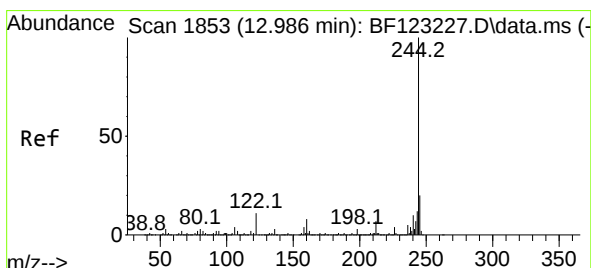
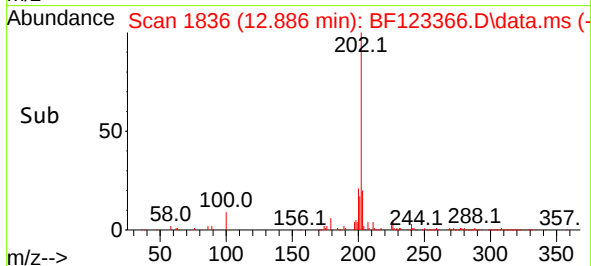
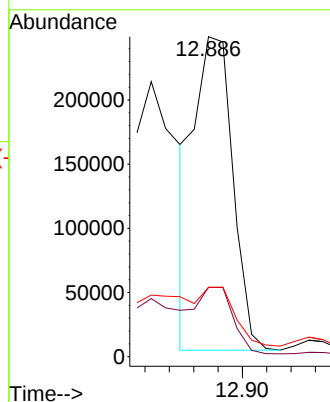
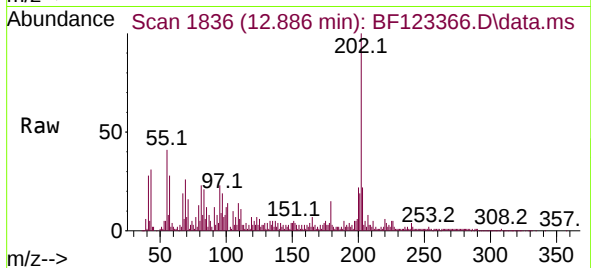
203 21.7 14.6 21.8

Instrument :

BNA_F

ClientSampleId :

SU-03-030221



#79

Terphenyl-d14

Concen: 24.28 ng

RT: 13.010 min Scan# 1857

Delta R.T. 0.041 min

Lab File: BF123366.D

Acq: 3 Mar 2021 20:53

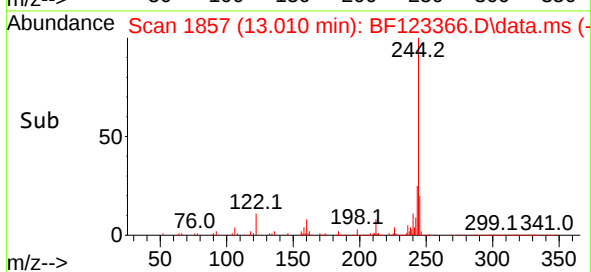
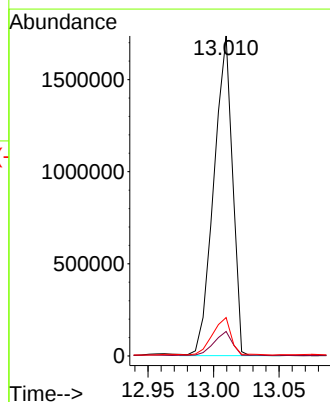
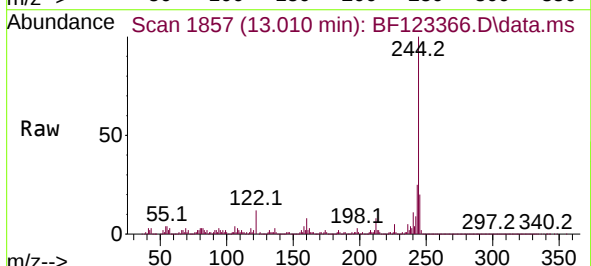
Tgt Ion:244 Resp: 1716063

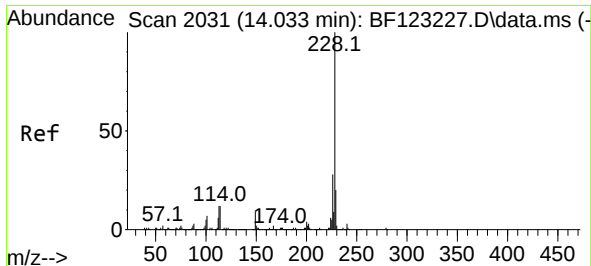
Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

122 12.0 8.3 12.5

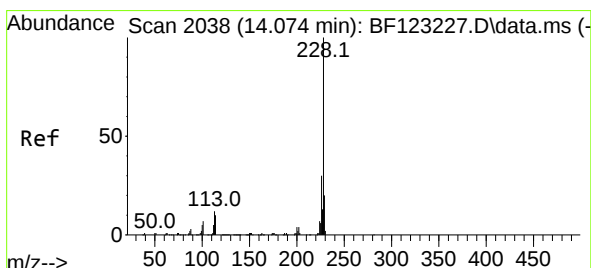
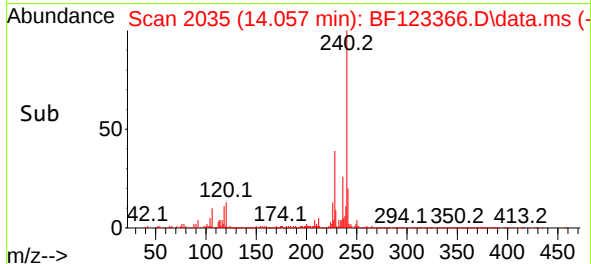
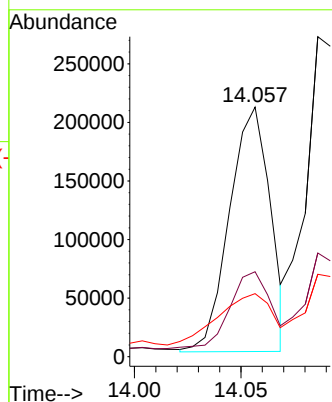
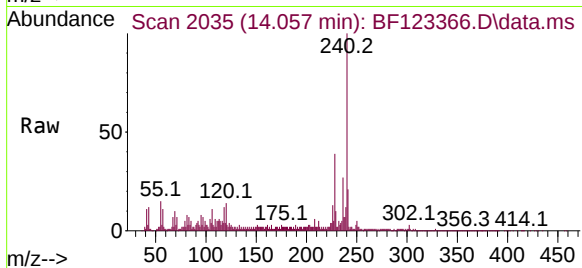




#81
Benzo(a)anthracene
Concen: 3.02 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.035 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

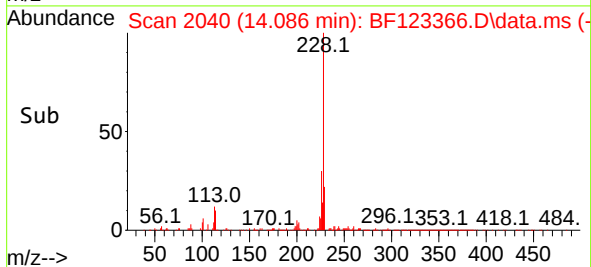
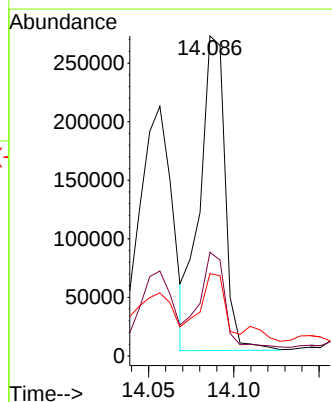
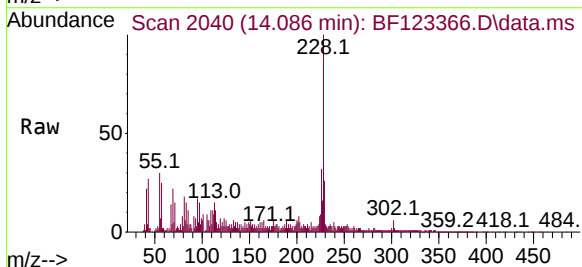
Instrument :
BNA_F
ClientSampleId :
SU-03-030221

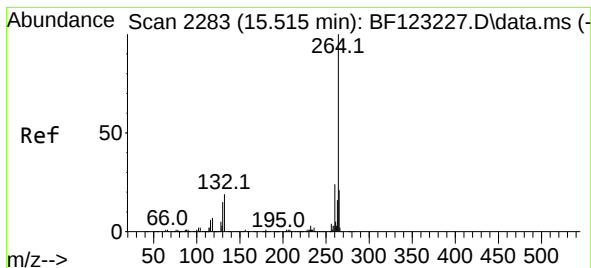
Tgt Ion:228 Resp: 278828
Ion Ratio Lower Upper
228 100
226 34.0 23.0 34.4
229 25.3 16.6 24.8#



#83
Chrysene
Concen: 3.07 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.029 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

Tgt Ion:228 Resp: 278461
Ion Ratio Lower Upper
228 100
226 32.4 24.6 36.8
229 25.7 15.8 23.6#

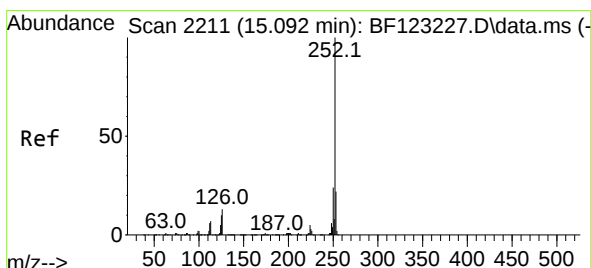
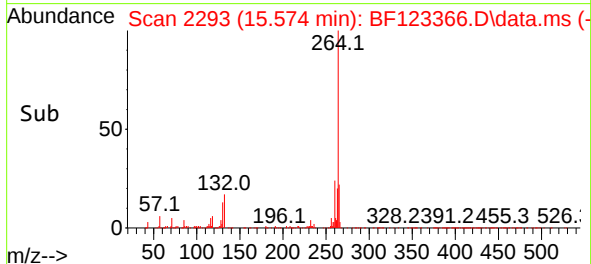
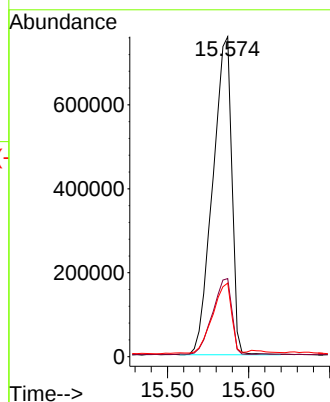
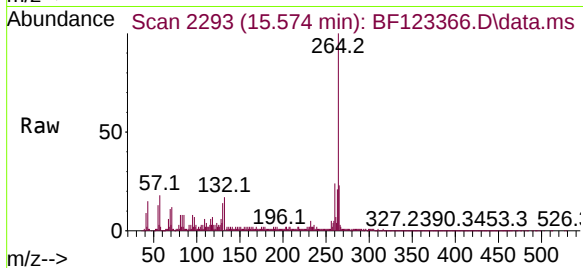




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.076 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

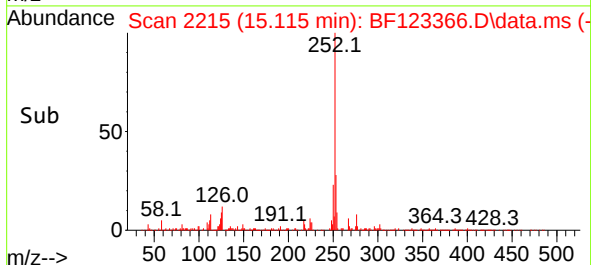
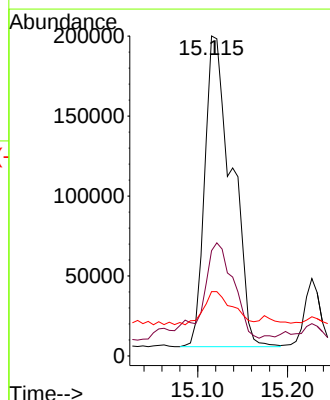
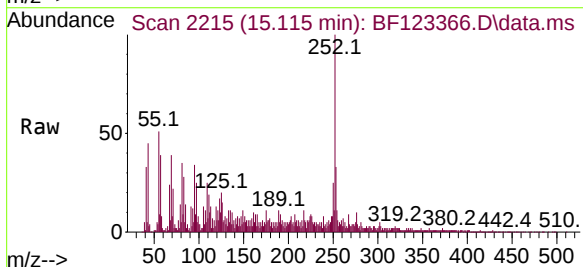
Instrument :
BNA_F
ClientSampleId :
SU-03-030221

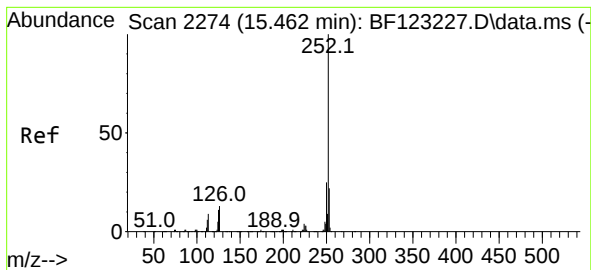
Tgt Ion:264 Resp: 1232269
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 23.0 17.0 25.6



#88
Benzo(b)fluoranthene
Concen: 4.71 ng
RT: 15.115 min Scan# 2215
Delta R.T. 0.041 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

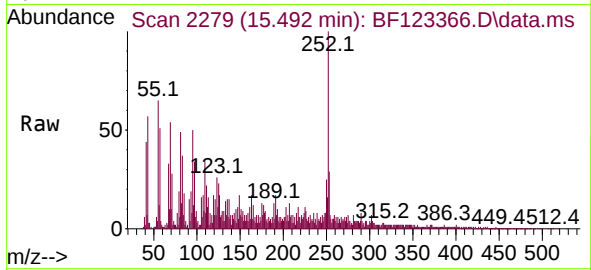
Tgt Ion:252 Resp: 407730
Ion Ratio Lower Upper
252 100
253 32.9 18.3 27.5#
125 20.1 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 2.86 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.053 min
Lab File: BF123366.D
Acq: 3 Mar 2021 20:53

Instrument :
BNA_F
ClientSampleId :
SU-03-030221



Tgt Ion:252 Resp: 220893
Ion Ratio Lower Upper
252 100
253 28.9 17.5 26.3#
125 22.8 8.6 12.8#

