

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123619.D
 Acq On : 19 Apr 2021 13:19
 Operator : JU/CG
 Sample : M2070-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JGD-3150-D3550-A

Quant Time: Apr 19 13:46:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

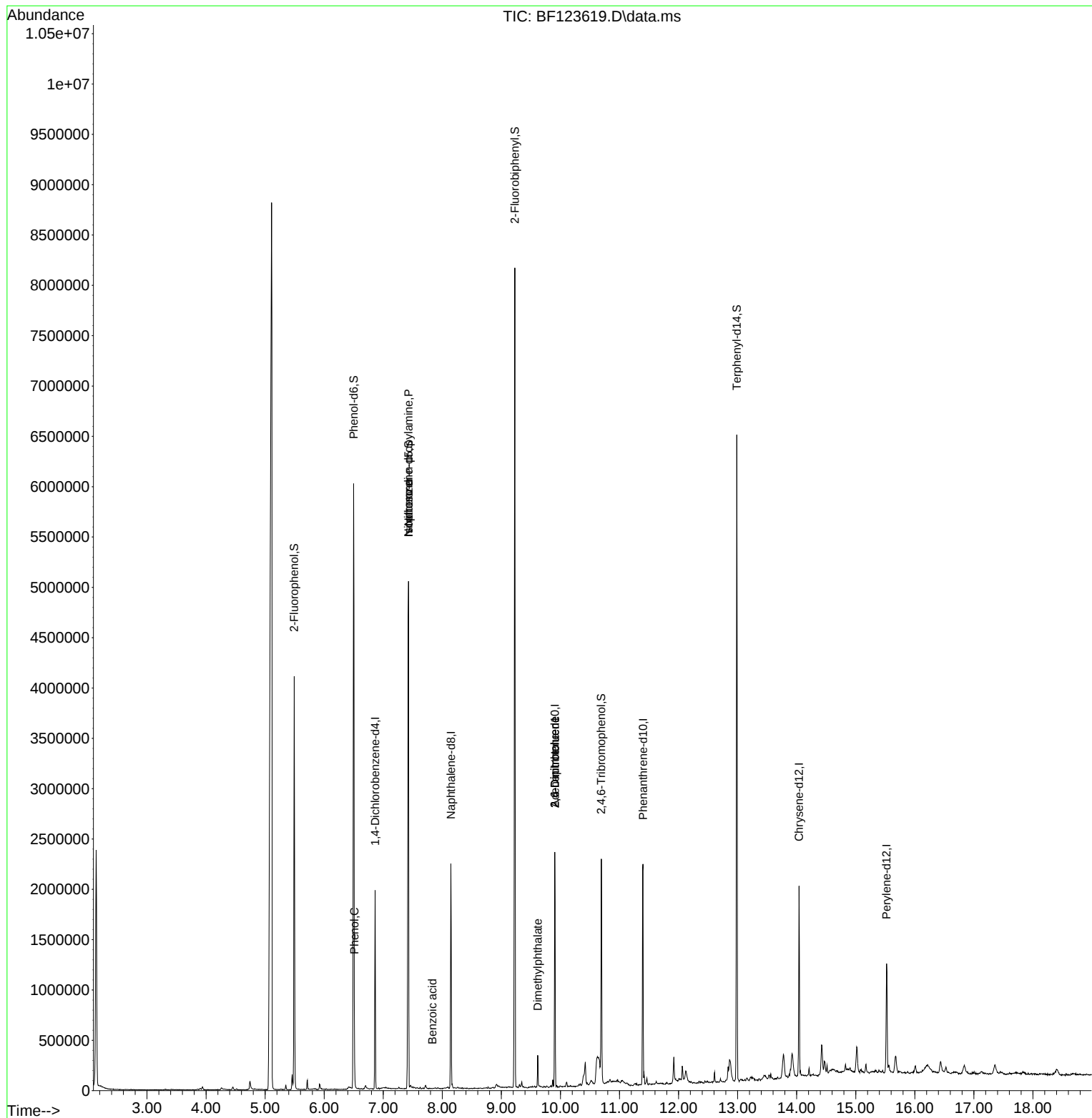
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	230817	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	863154	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	427941	20.00	ng	-0.01
64) Phenanthrene-d10	11.398	188	797825	20.00	ng	0.00
76) Chrysene-d12	14.039	240	576729	20.00	ng	-0.02
86) Perylene-d12	15.521	264	499980	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	837385	58.64	ng	0.01
7) Phenol-d6	6.498	99	1750660	88.46	ng	0.00
23) Nitrobenzene-d5	7.428	82	1674360	89.18	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	205897	42.49	ng	-0.02
45) 2-Fluorobiphenyl	9.228	172	2295211	79.95	ng	-0.01
79) Terphenyl-d14	12.986	244	2016715	67.96	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.510	94	53568	2.55	ng	93
19) n-Nitroso-di-n-propyla...	7.428	70	227437	17.35	ng	# 76
25) Isophorone	7.428	82	1674344	45.96	ng	# 69
32) Benzoic acid	7.834	122	441	4.59	ng	# 48
50) Dimethylphthalate	9.616	163	94036	3.18	ng	98
51) 2,6-Dinitrotoluene	9.904	165	53383	8.23	ng	# 12
57) 2,4-Dinitrotoluene	9.904	165	53383	6.16	ng	# 18
89) Benzo(k)fluoranthene	15.086	252	16414	Below Cal	#	81
92) Benzo(g,h,i)perylene	17.451	276	6433	Below Cal	#	92

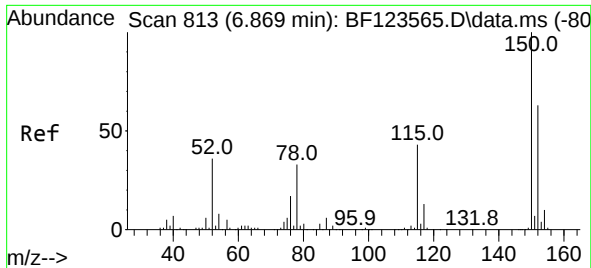
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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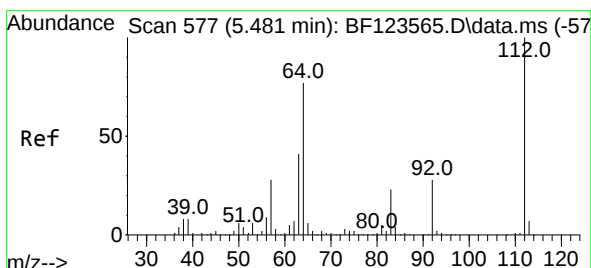
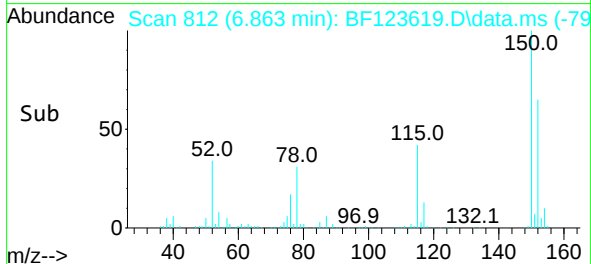
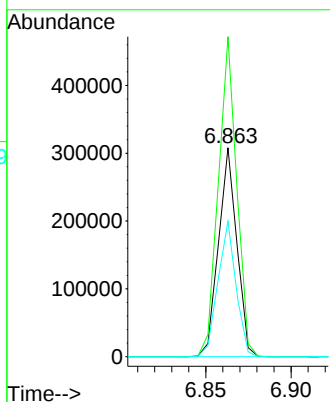
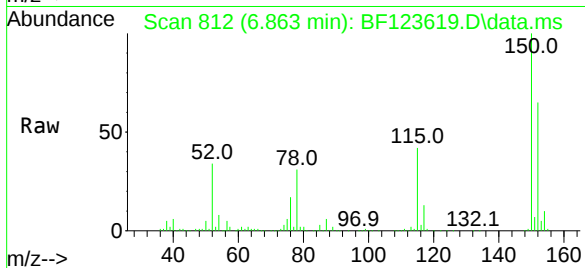




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

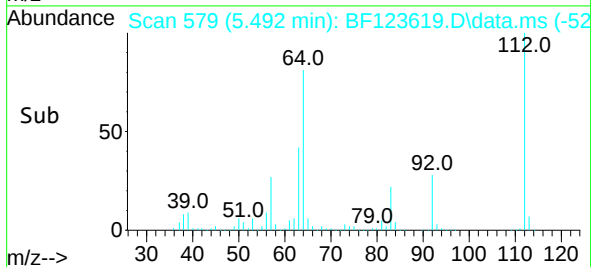
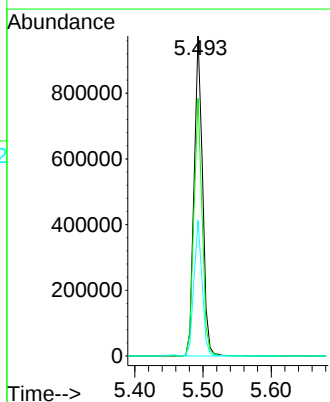
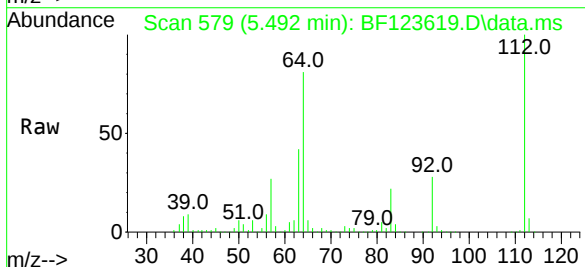
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

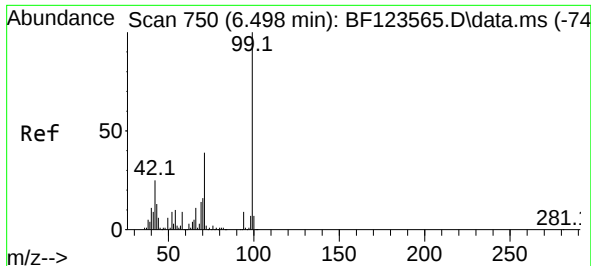
Tgt Ion:152 Resp: 230817
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 64.8 54.3 81.5



#5
2-Fluorophenol
Concen: 58.64 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

Tgt Ion:112 Resp: 837385
Ion Ratio Lower Upper
112 100
64 80.5 61.4 92.0
63 42.4 33.0 49.4

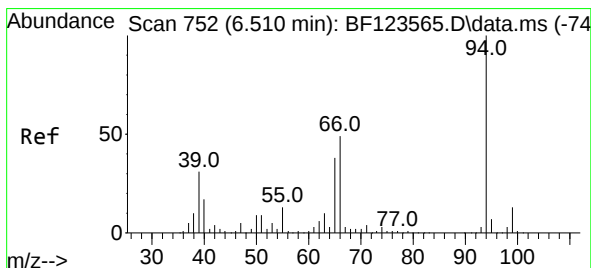
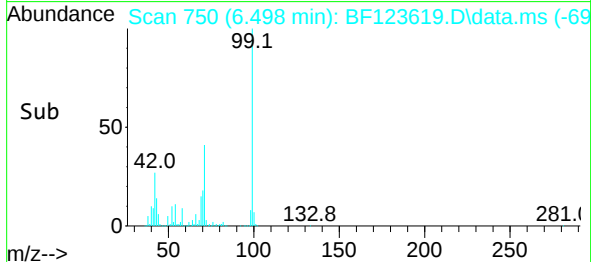
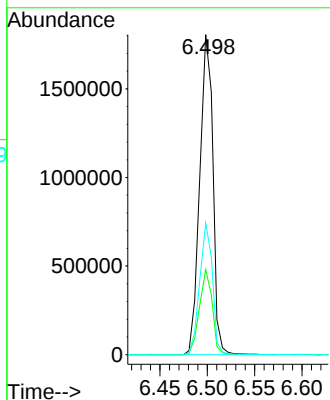
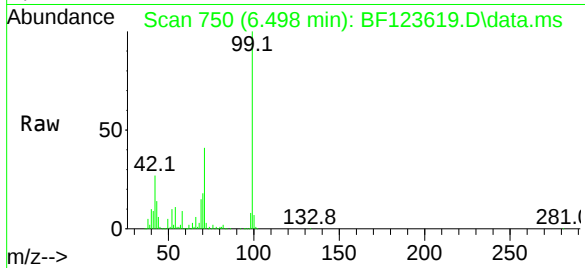




#7
Phenol-d6
Concen: 88.46 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

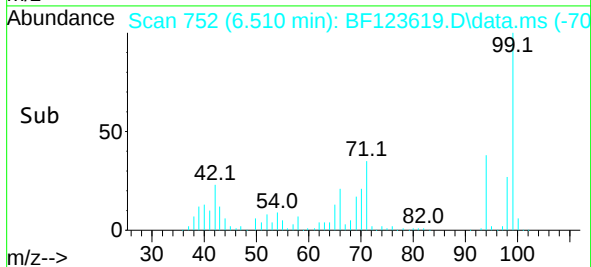
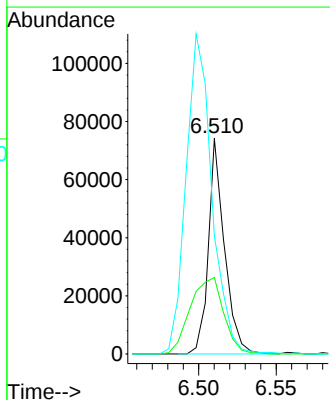
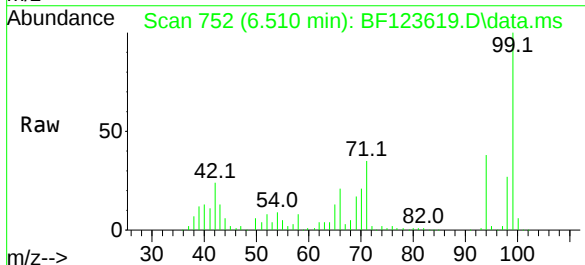
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

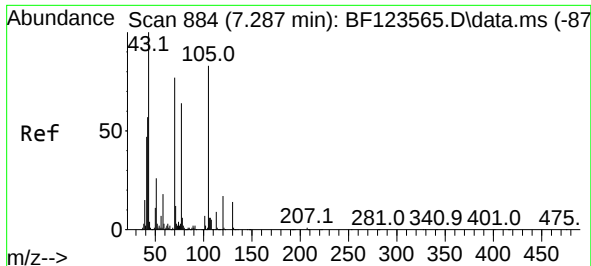
Tgt Ion: 99 Resp: 1750660
Ion Ratio Lower Upper
99 100
42 26.6 19.8 29.8
71 41.2 31.1 46.7



#10
Phenol
Concen: 2.55 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

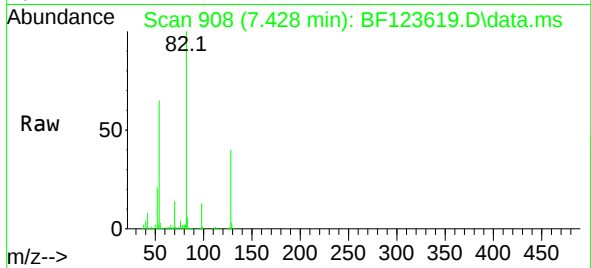
Tgt Ion: 94 Resp: 53568
Ion Ratio Lower Upper
94 100
65 35.5 18.1 58.1
66 54.9 29.0 69.0



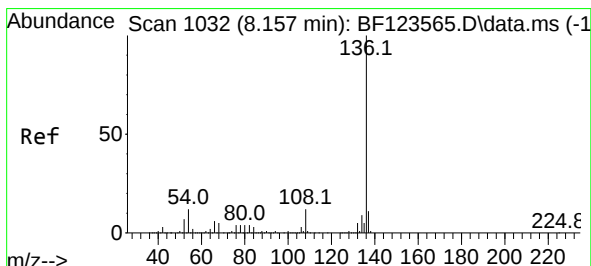
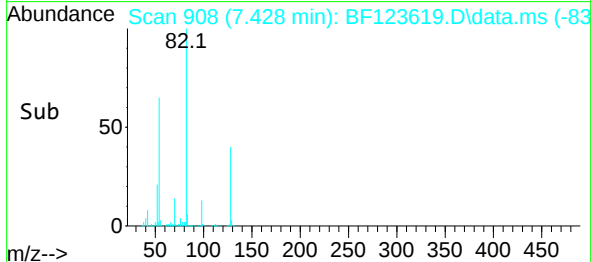
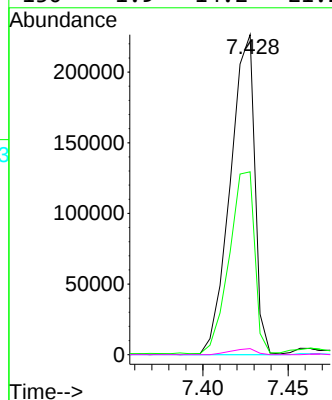


#19
n-Nitroso-di-n-propylamine
Concen: 17.35 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

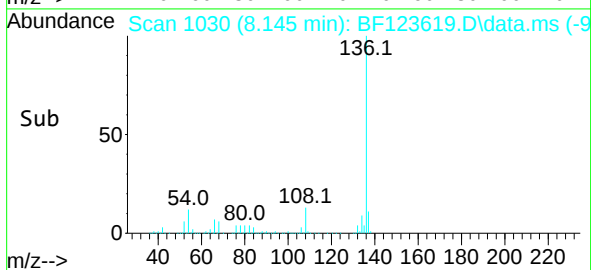
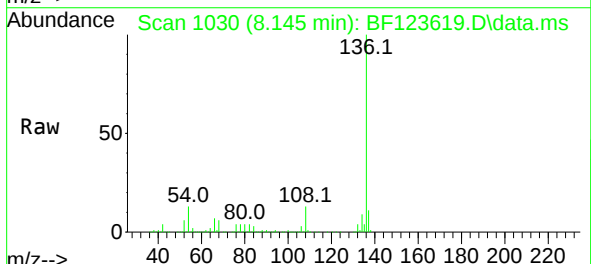
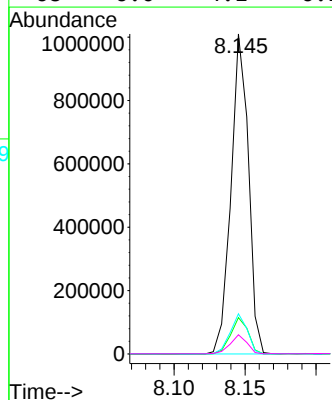


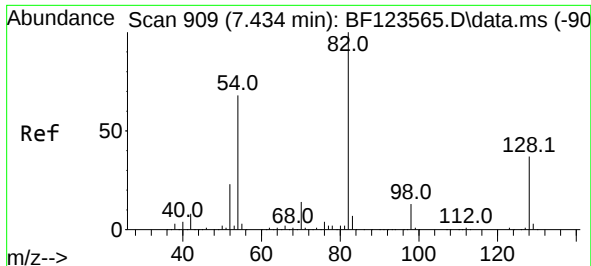
Tgt Ion: 70 Resp: 227437
Ion Ratio Lower Upper
70 100
42 57.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 136 Resp: 863154
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 12.5 9.8 14.6
68 6.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 89.18 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF123619.D

Acq: 19 Apr 2021 13:19

Tgt Ion: 82 Resp: 1674360

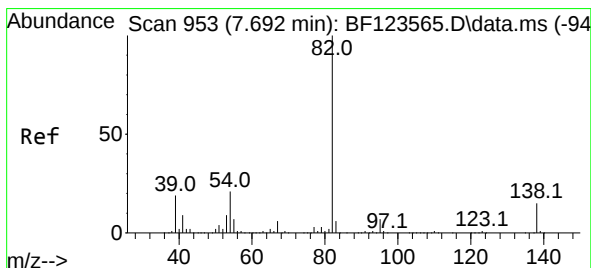
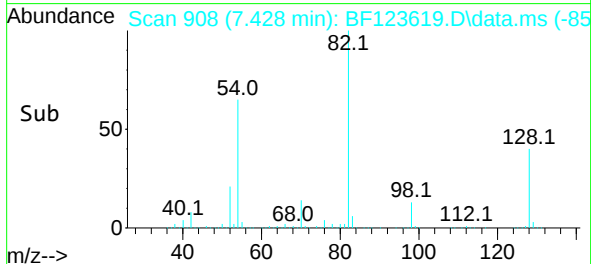
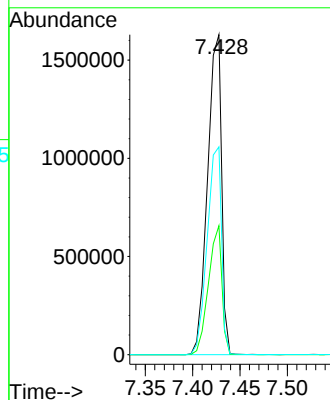
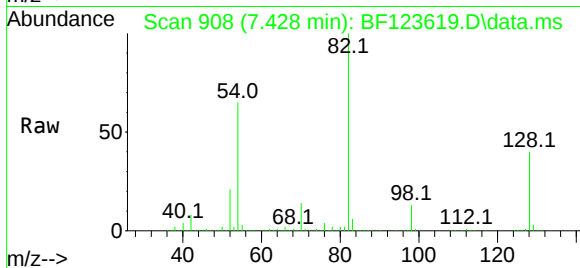
Ion	Ratio	Lower	Upper
82	100		
128	40.3	29.4	44.2
54	64.9	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

JGD-3150-D3550-A



#25

Isophorone

Concen: 45.96 ng

RT: 7.428 min Scan# 908

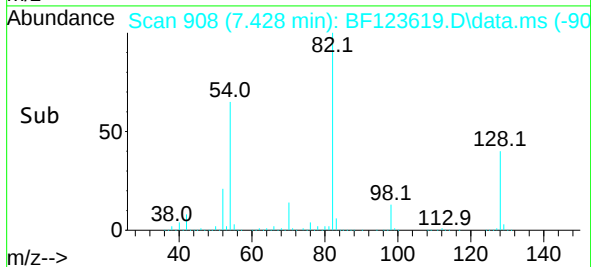
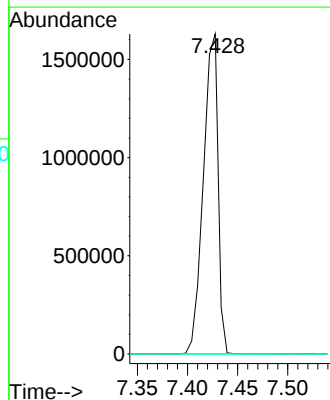
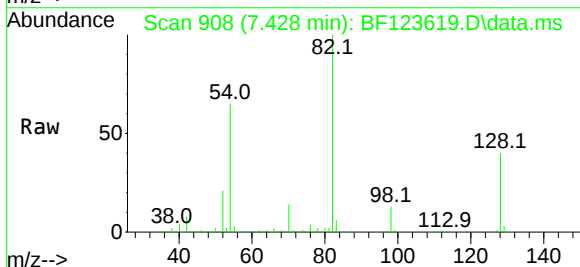
Delta R.T. -0.265 min

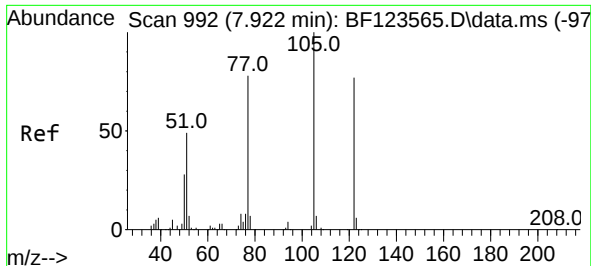
Lab File: BF123619.D

Acq: 19 Apr 2021 13:19

Tgt Ion: 82 Resp: 1674344

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

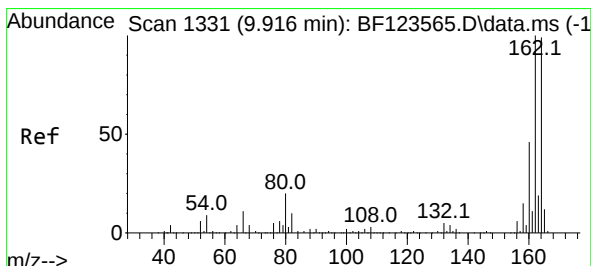
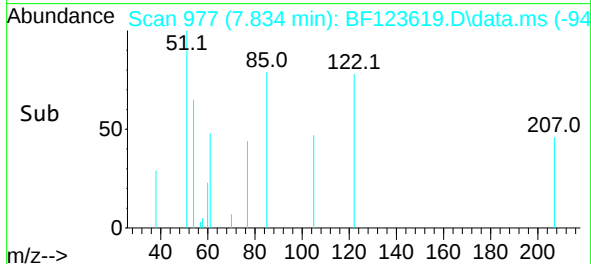
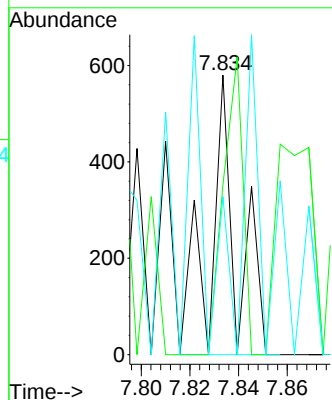
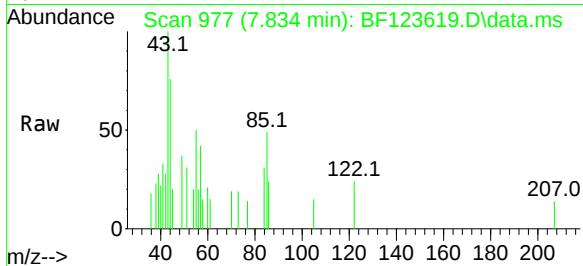




#32
Benzoic acid
Concen: 4.59 ng
RT: 7.834 min Scan# 977
Delta R.T. -0.088 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

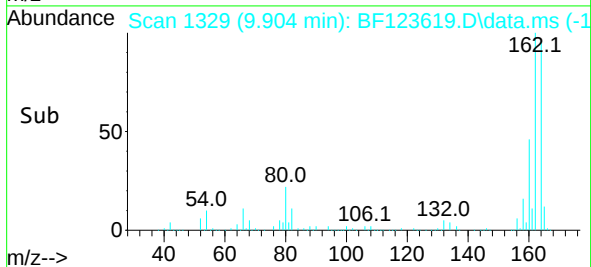
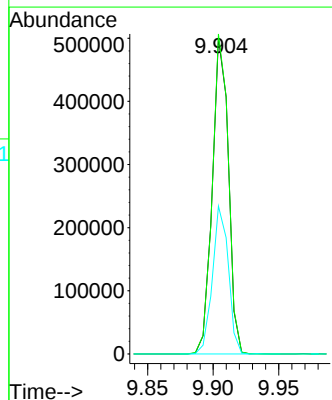
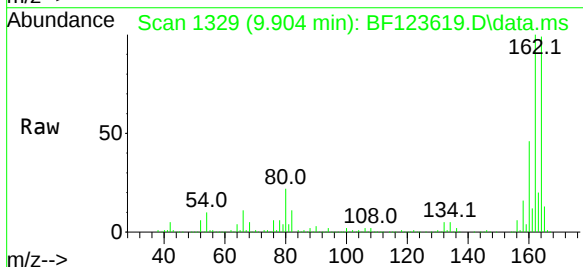
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

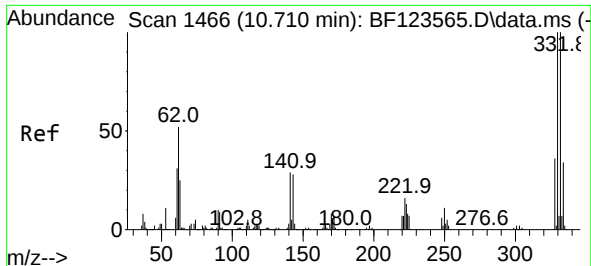
Tgt Ion:122 Resp: 441
Ion Ratio Lower Upper
122 100
105 60.7 107.8 147.8#
77 56.6 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

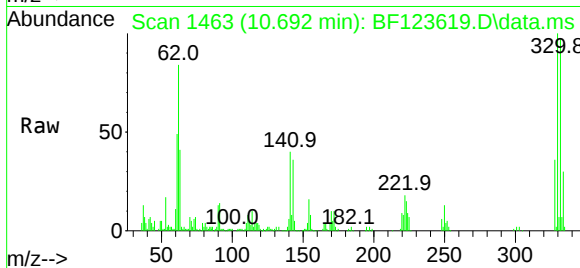
Tgt Ion:164 Resp: 427941
Ion Ratio Lower Upper
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162 101.2 80.7 121.1
160 46.8 37.3 55.9



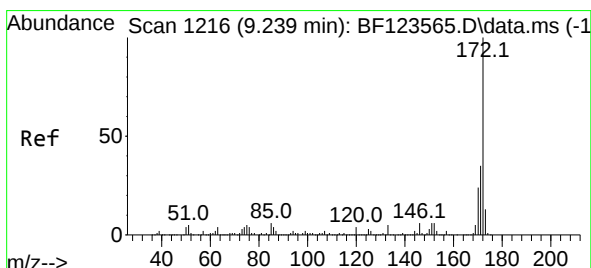
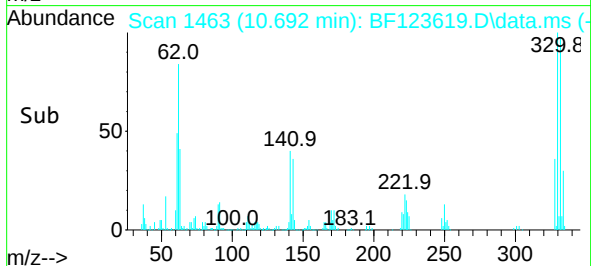
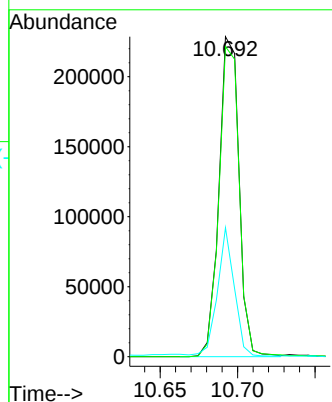


#42
2,4,6-Tribromophenol
Concen: 42.49 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

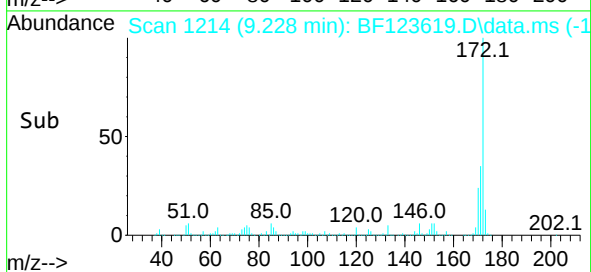
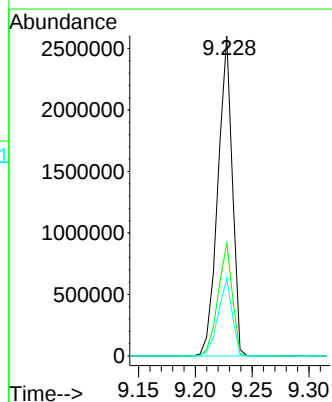
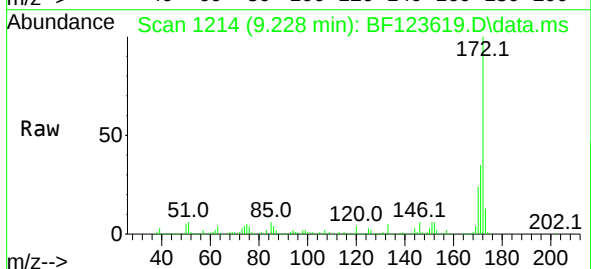


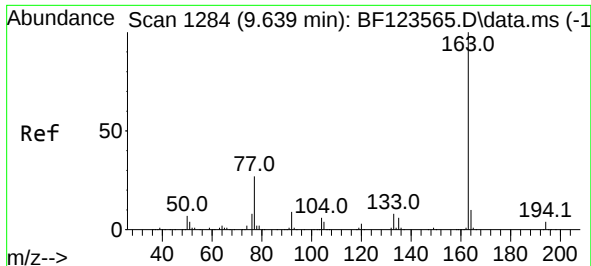
Tgt Ion: 330 Resp: 205897
Ion Ratio Lower Upper
330 100
332 98.6 77.1 115.7
141 34.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 79.95 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 172 Resp: 2295211
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 24.2 19.2 28.8

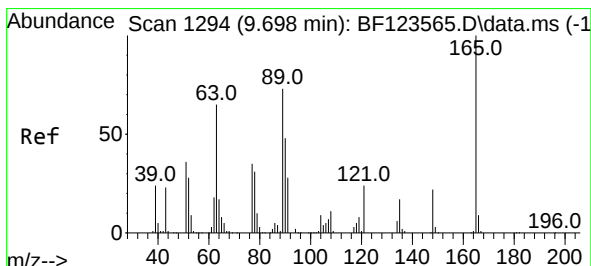
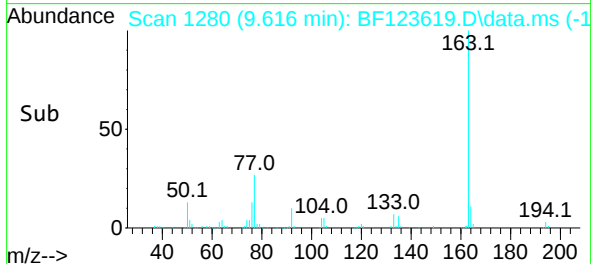
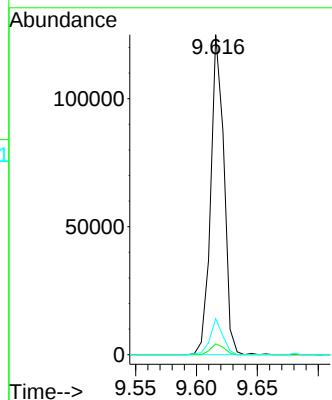
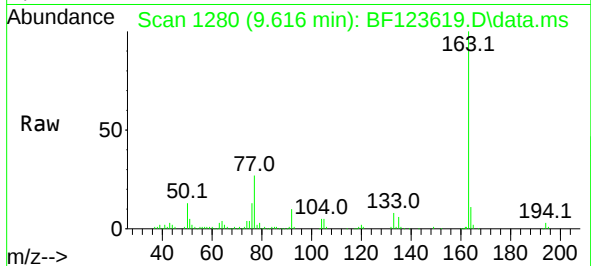




#50
Dimethylphthalate
Concen: 3.18 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.024 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

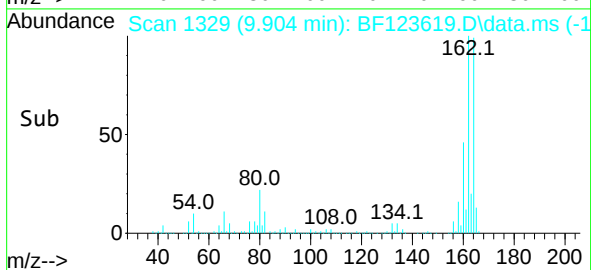
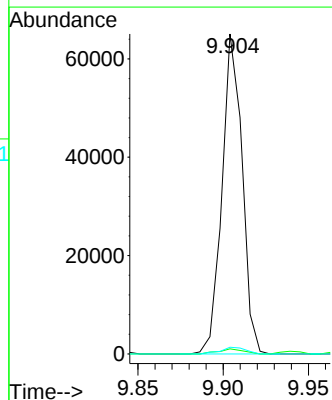
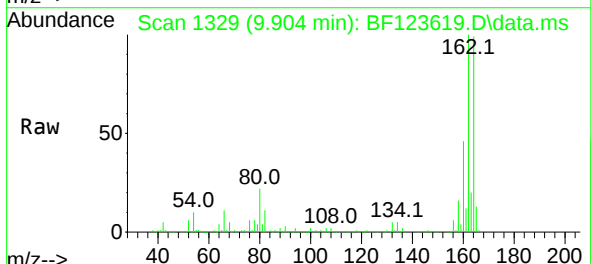
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

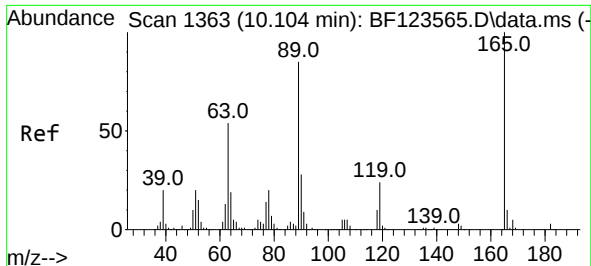
Tgt Ion:163 Resp: 94036
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 11.2 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

Tgt Ion:165 Resp: 53383
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 2.1 58.8 88.2#

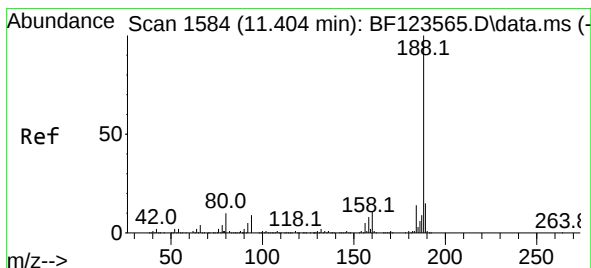
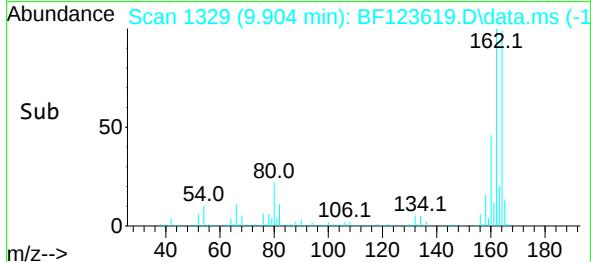
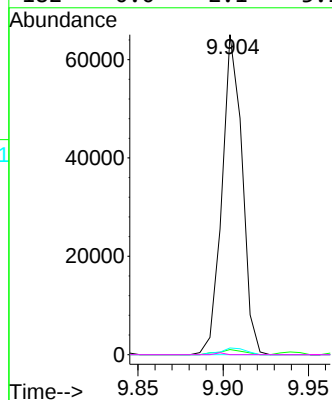
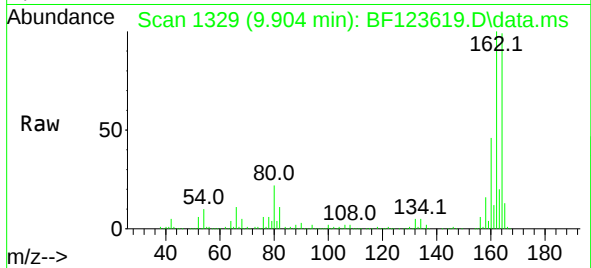




#57
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

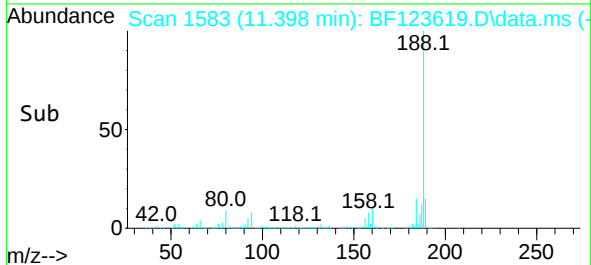
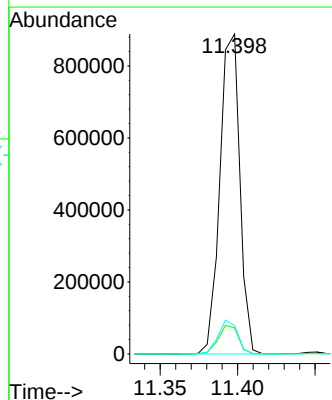
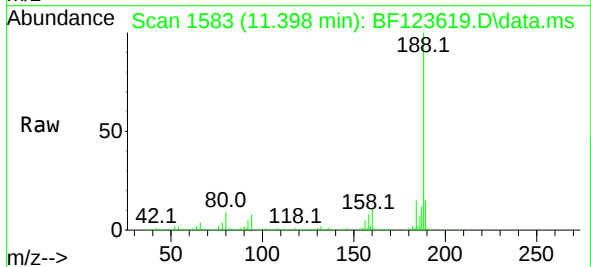
Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-A

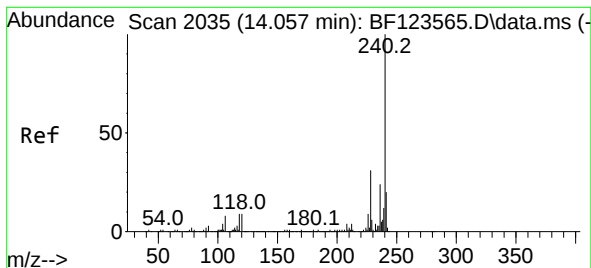
Tgt Ion:165 Resp: 53383
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 2.1 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123619.D
Acq: 19 Apr 2021 13:19

Tgt Ion:188 Resp: 797825
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.8 8.2 12.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.018 min

Lab File: BF123619.D

Acq: 19 Apr 2021 13:19

Tgt Ion:240 Resp: 576729

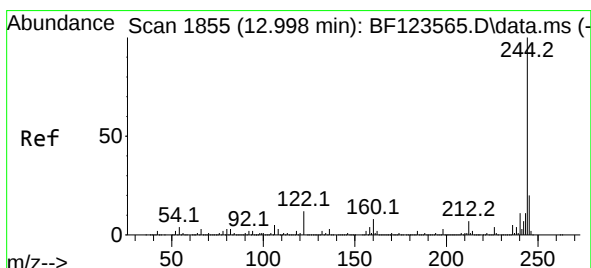
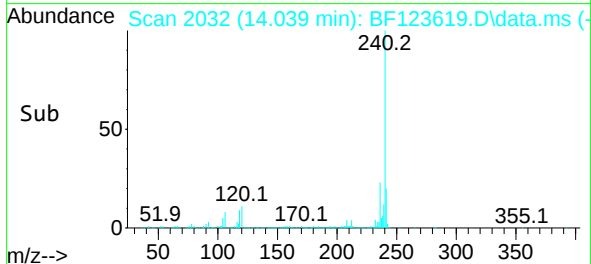
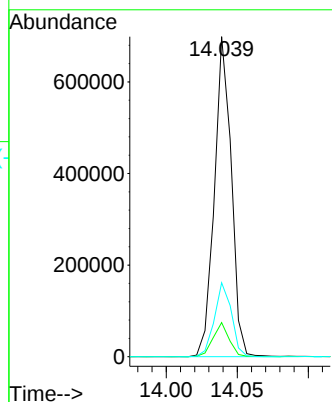
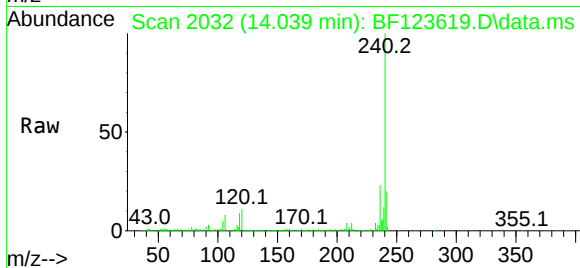
Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.2	10.8
236	23.1	19.0	28.4

Instrument :

BNA_F

ClientSampleId :

JGD-3150-D3550-A



#79

Terphenyl-d14

Concen: 67.96 ng

RT: 12.986 min Scan# 1853

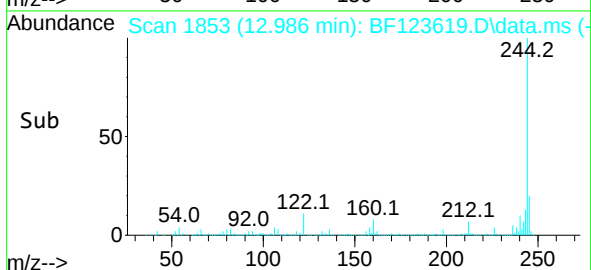
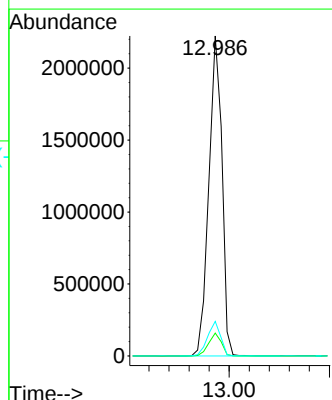
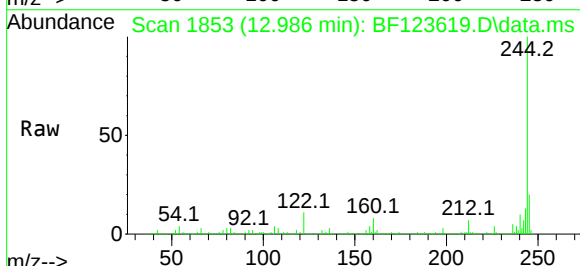
Delta R.T. -0.012 min

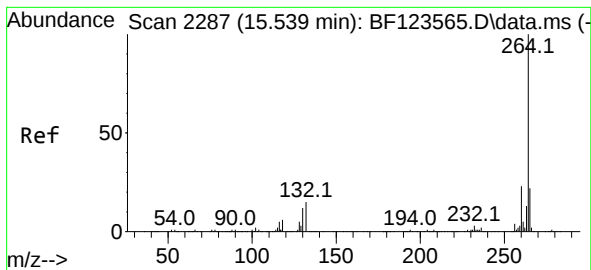
Lab File: BF123619.D

Acq: 19 Apr 2021 13:19

Tgt Ion:244 Resp: 2016715

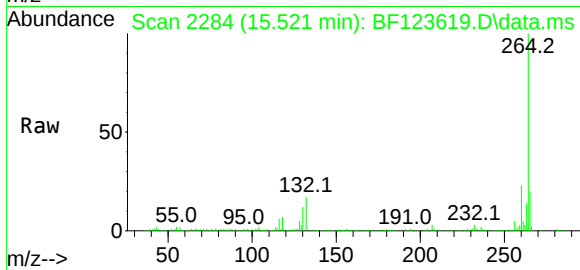
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	10.8	9.7	14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.018 min
 Lab File: BF123619.D
 Acq: 19 Apr 2021 13:19

Instrument :
 BNA_F
 ClientSampleId :
 JGD-3150-D3550-A



Tgt Ion:264 Resp: 499980
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 20.1 17.8 26.8

