

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072721\
 Data File : BF124799.D
 Acq On : 27 Jul 2021 18:08
 Operator : JU/CG
 Sample : M3200-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GS-2

Quant Time: Jul 28 03:06:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

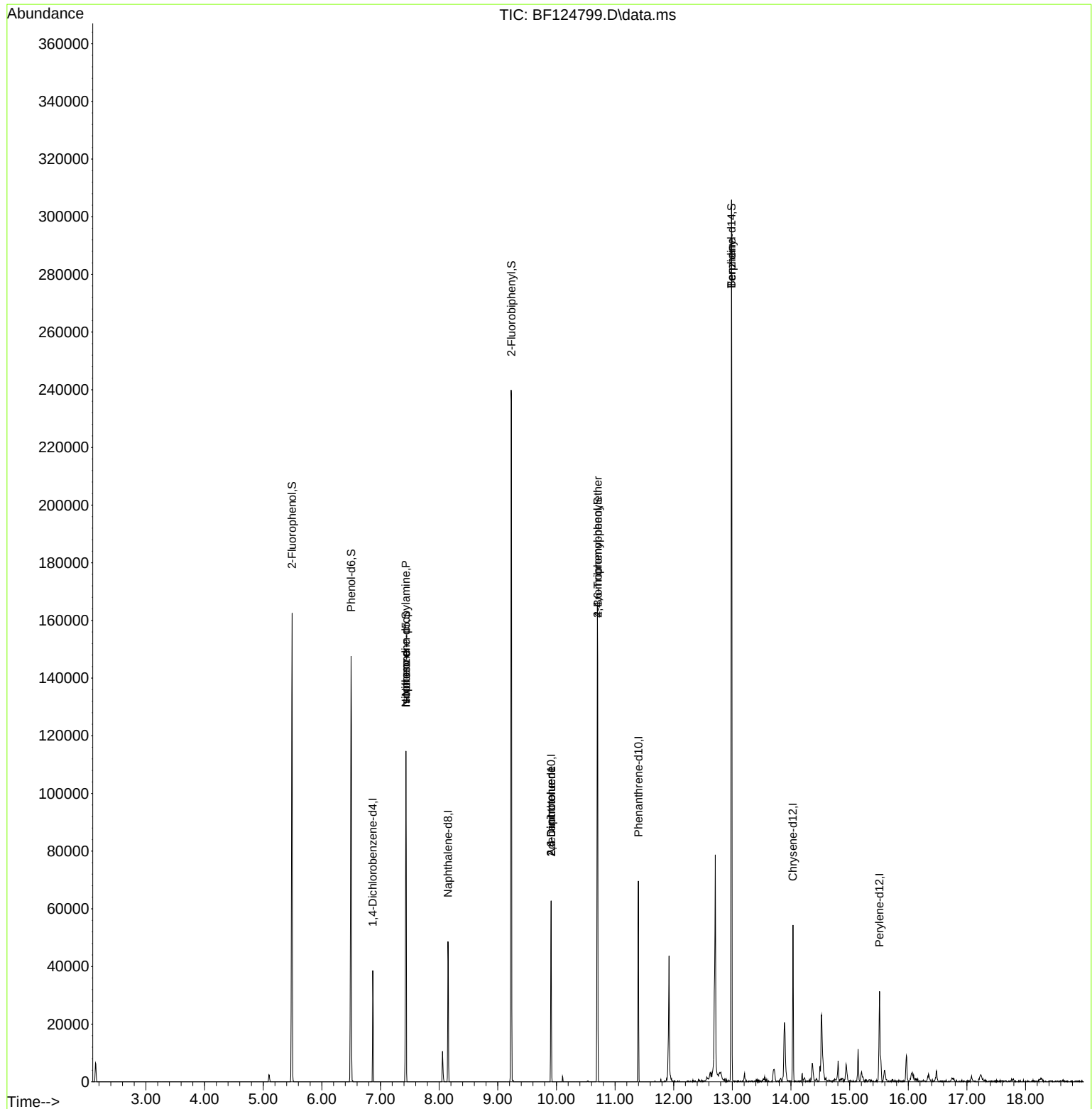
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5530	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	22147	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	12937	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	24714	20.00	ng	0.00
76) Chrysene-d12	14.033	240	17736	20.00	ng	0.00
86) Perylene-d12	15.509	264	13559	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	44207	135.35	ng	0.01
7) Phenol-d6	6.498	99	53838	131.49	ng	0.00
23) Nitrobenzene-d5	7.434	82	35515	95.44	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	17877	160.94	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	78636	89.28	ng	0.00
79) Terphenyl-d14	12.986	244	106694	103.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	4725	21.61	ng	Qvalue
25) Isophorone	7.434	82	35515	53.98	ng	# 73
51) 2,6-Dinitrotoluene	9.910	165	1626	8.26	ng	# 59
57) 2,4-Dinitrotoluene	9.910	165	1626	6.09	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	1394	5.32	ng	# 18
77) Benzidine	12.986	184	1684	3.37	ng	# 1

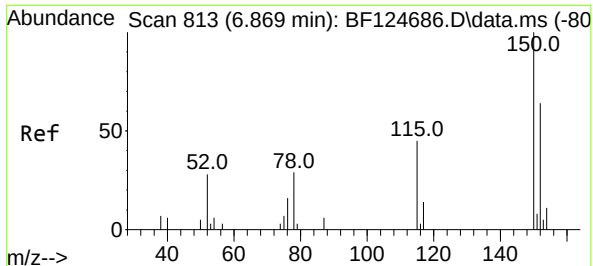
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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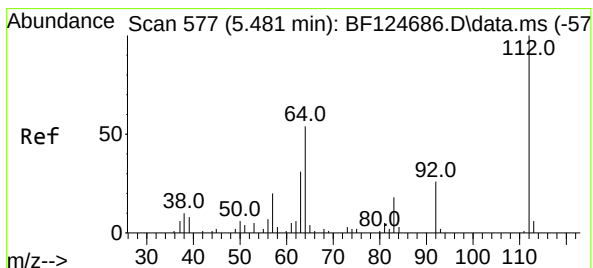
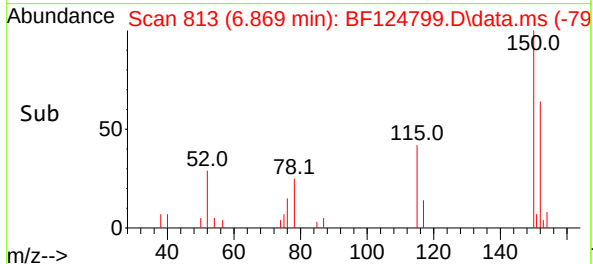
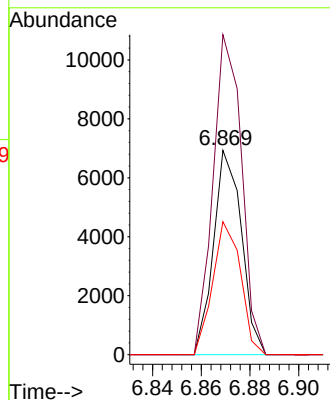
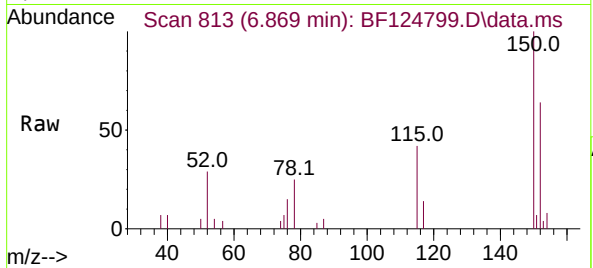




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

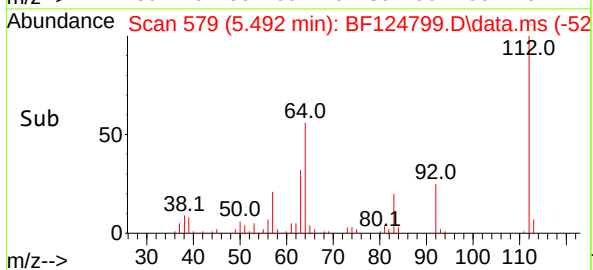
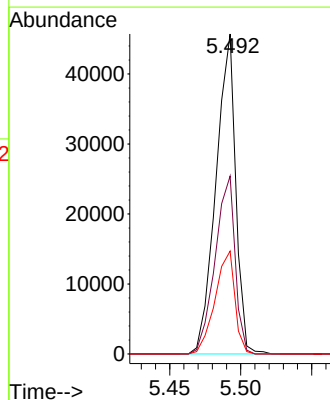
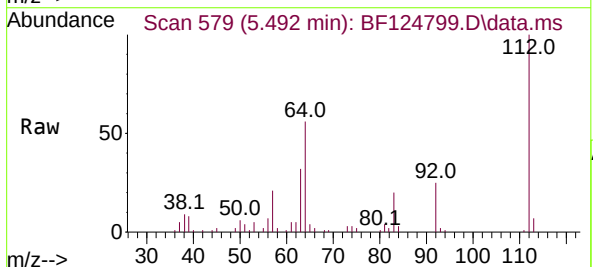
Instrument :
BNA_F
ClientSampleId :
GS-2

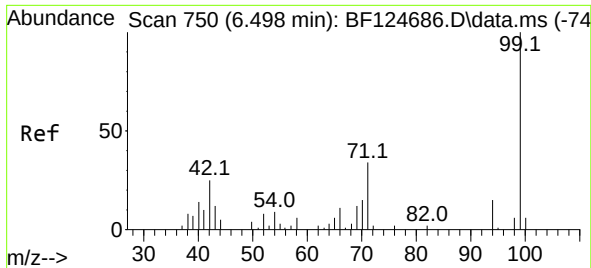
Tgt Ion:152 Resp: 5530
Ion Ratio Lower Upper
152 100
150 156.6 117.6 176.4
115 65.1 47.1 70.7



#5
2-Fluorophenol
Concen: 135.35 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

Tgt Ion:112 Resp: 44207
Ion Ratio Lower Upper
112 100
64 55.6 44.2 66.2
63 32.2 26.2 39.2

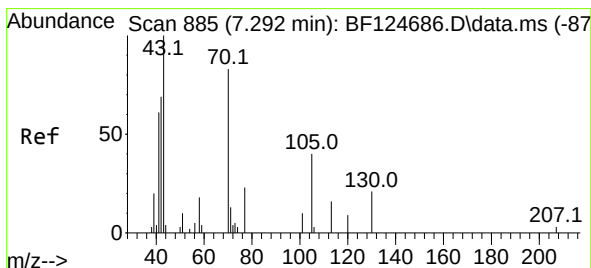
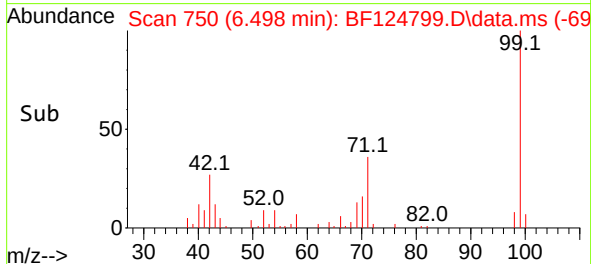
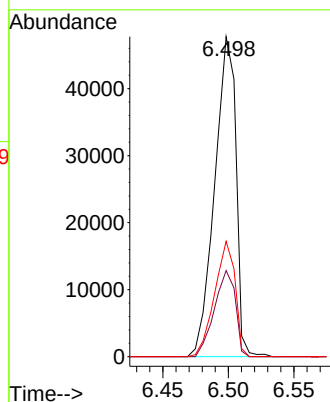
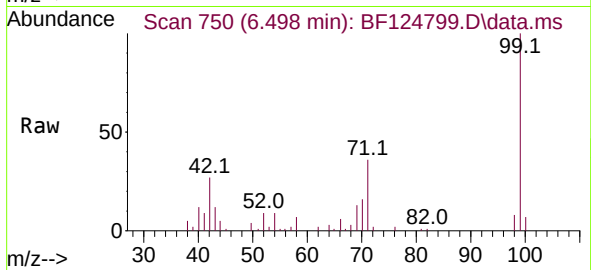




#7
Phenol-d6
Concen: 131.49 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

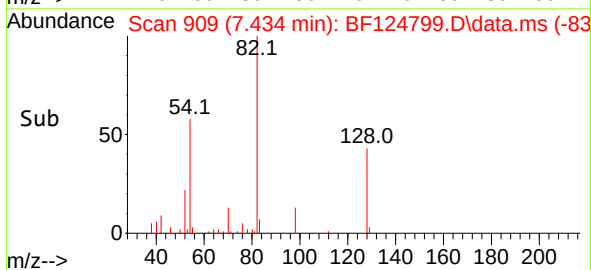
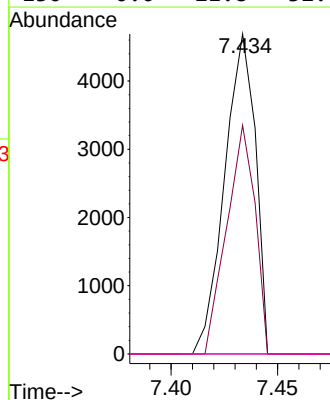
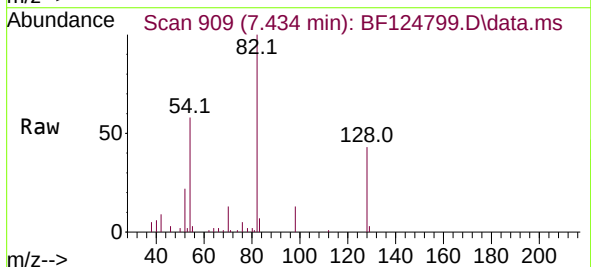
Instrument :
BNA_F
ClientSampled :
GS-2

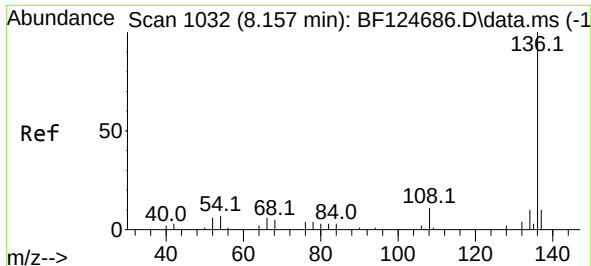
Tgt Ion: 99	Resp: 53838
Ion Ratio	Lower Upper
99 100	
42 26.9	23.5 35.3
71 36.0	25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.61 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

Tgt Ion: 70	Resp: 4725
Ion Ratio	Lower Upper
70 100	
42 71.4	72.2 108.2#
101 0.0	7.8 11.8#
130 0.0	21.8 32.6#

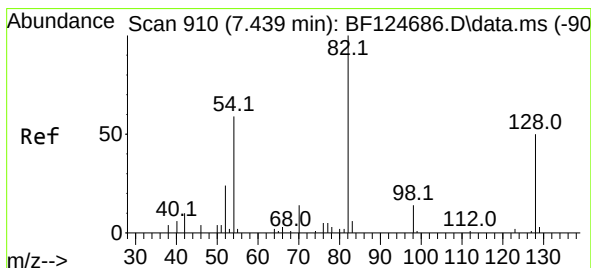
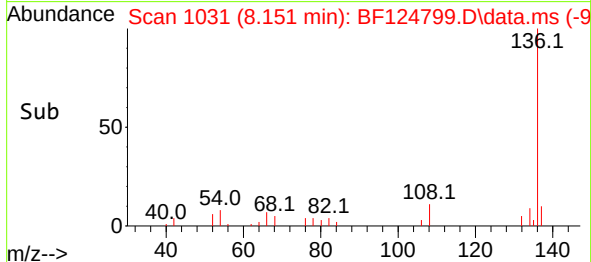
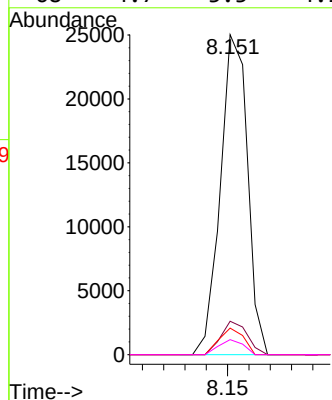
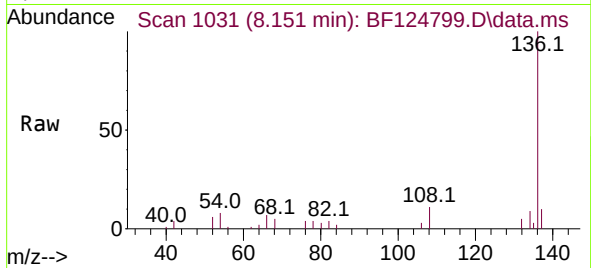




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

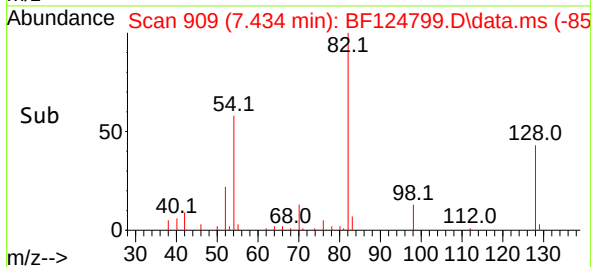
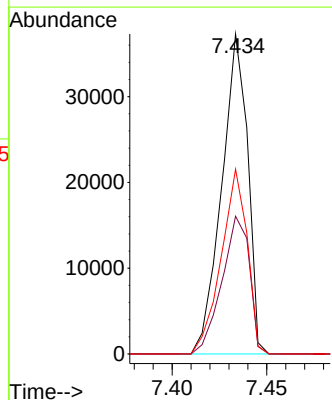
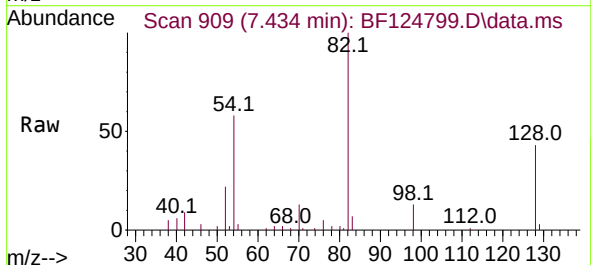
Instrument :
BNA_F
ClientSampled :
GS-2

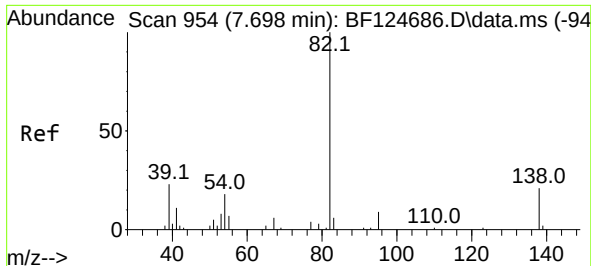
Tgt Ion:	136	Resp:	22147
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	8.3	6.4	9.6
68	4.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 95.44 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

Tgt Ion:	82	Resp:	35515
Ion Ratio	Lower	Upper	
82	100		
128	43.1	40.6	60.8
54	57.7	49.6	74.4

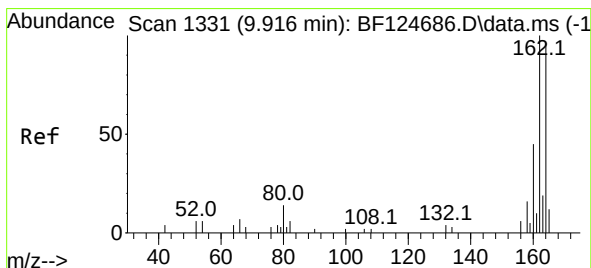
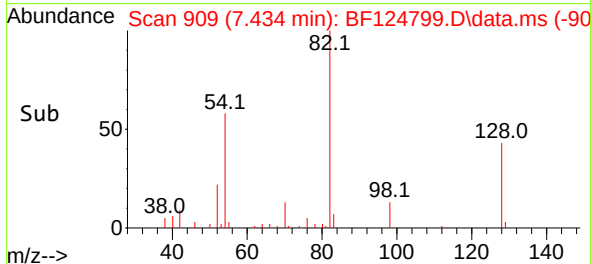
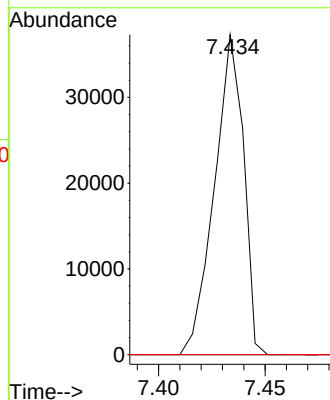
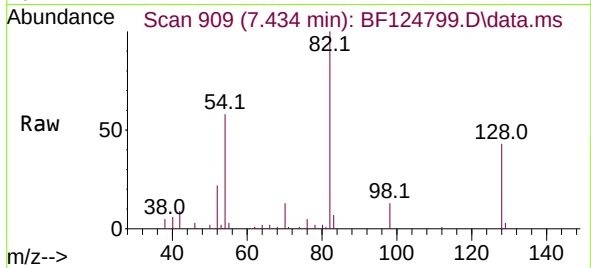




#25
Isophorone
Concen: 53.98 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

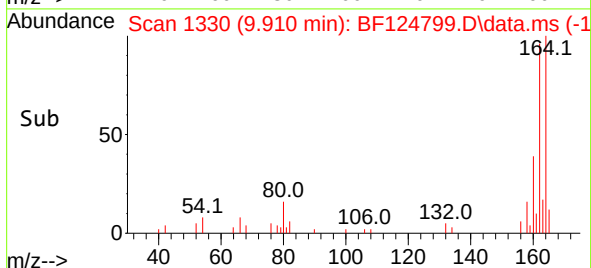
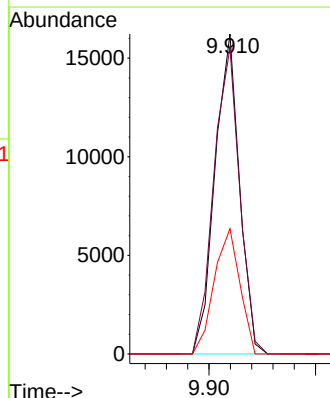
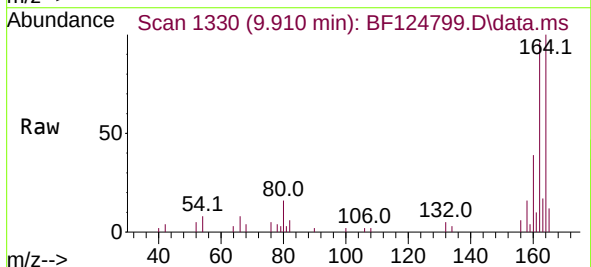
Instrument :
BNA_F
ClientSampled :
GS-2

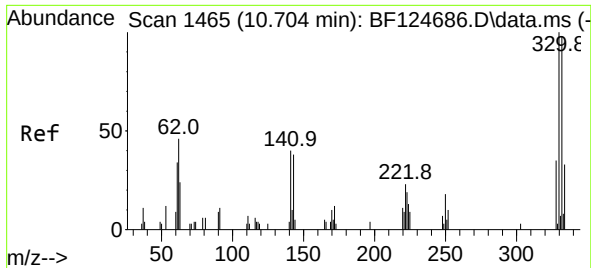
Tgt Ion: 82 Resp: 35515
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

Tgt Ion: 164 Resp: 12937
Ion Ratio Lower Upper
164 100
162 95.7 81.3 121.9
160 39.2 38.0 57.0

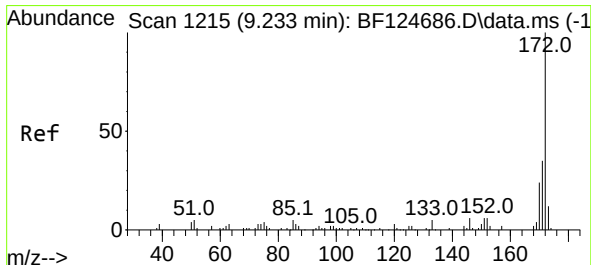
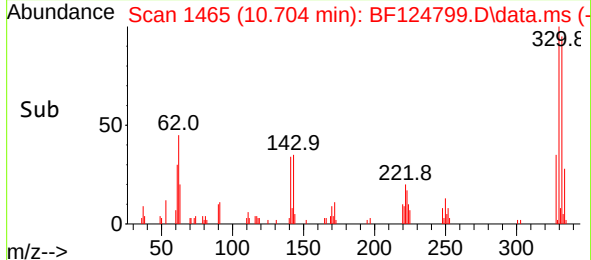
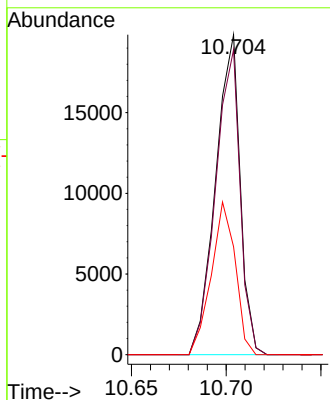
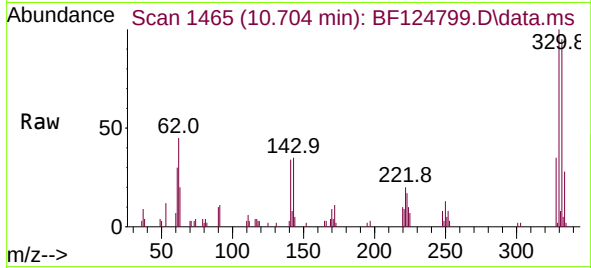




#42
2,4,6-Tribromophenol
Concen: 160.94 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

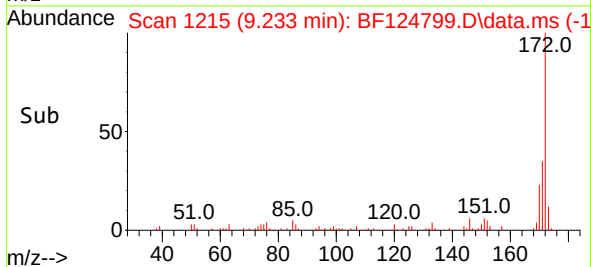
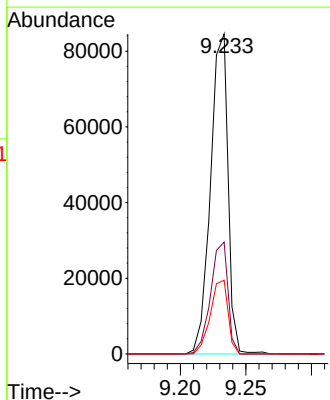
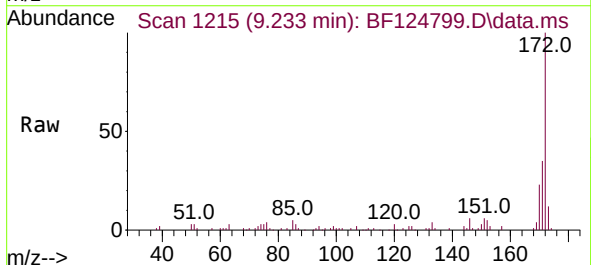
Instrument :
BNA_F
ClientSampled :
GS-2

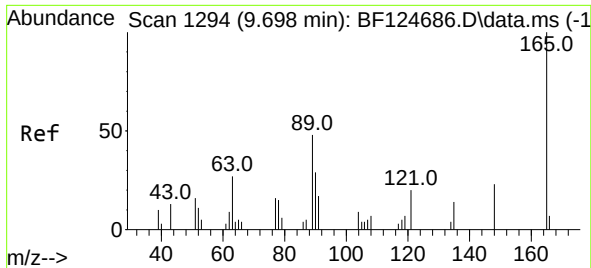
Tgt Ion: 330 Resp: 17877
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 46.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 89.28 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

Tgt Ion: 172 Resp: 78636
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.0 18.8 28.2

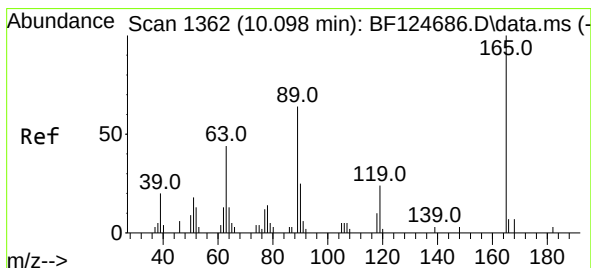
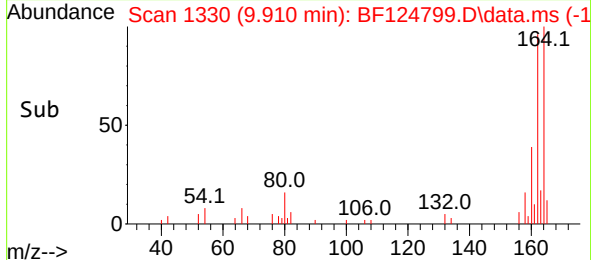
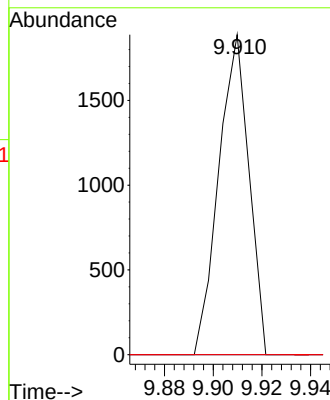
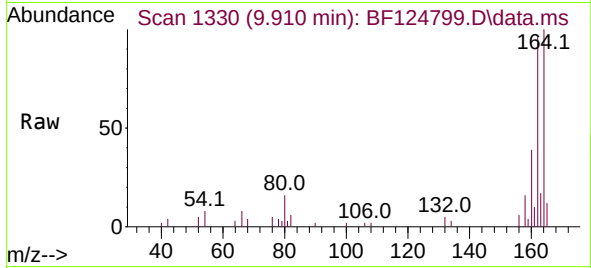




#51
2,6-Dinitrotoluene
Concen: 8.26 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

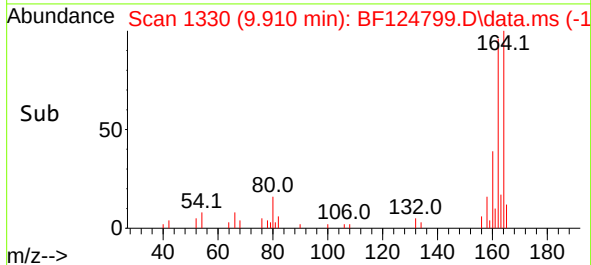
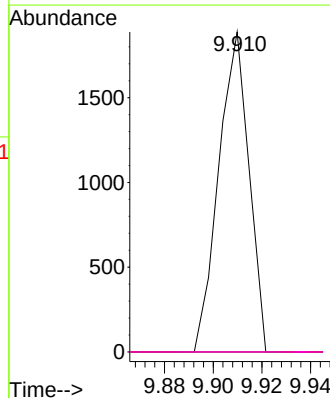
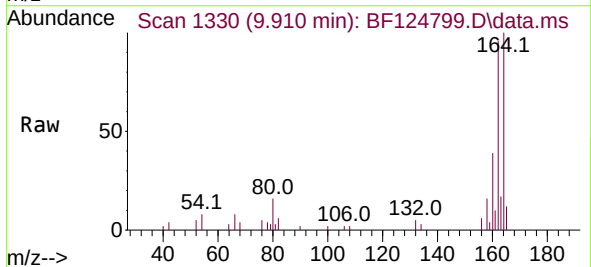
Instrument :
BNA_F
ClientSampled :
GS-2

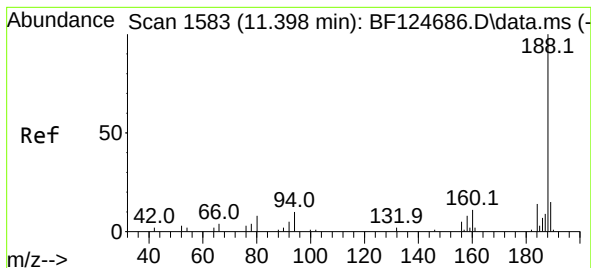
Tgt Ion:165 Resp: 1626
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

Tgt Ion:165 Resp: 1626
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF124799.D

Acq: 27 Jul 2021 18:08

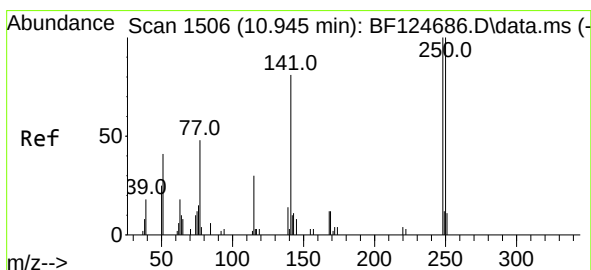
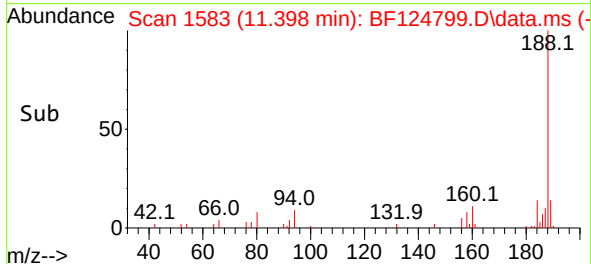
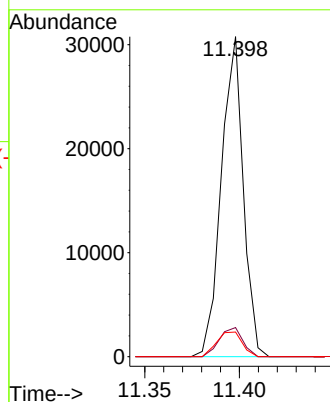
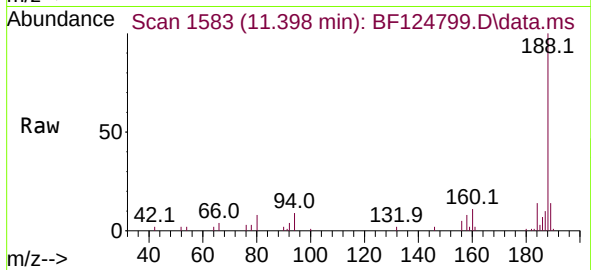
Tgt Ion:188 Resp: 24714

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

80 7.7 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 5.32 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.241 min

Lab File: BF124799.D

Acq: 27 Jul 2021 18:08

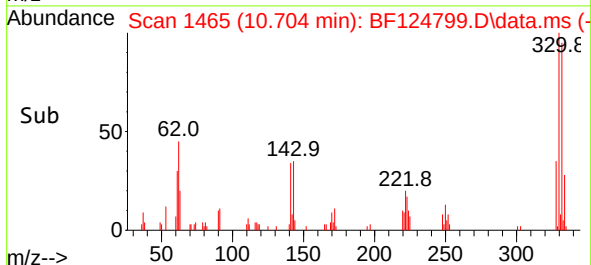
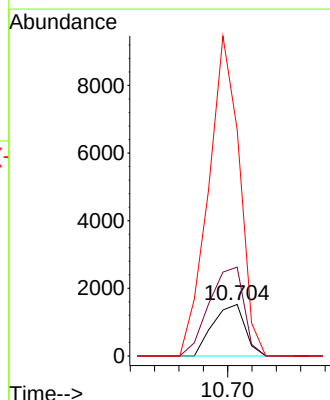
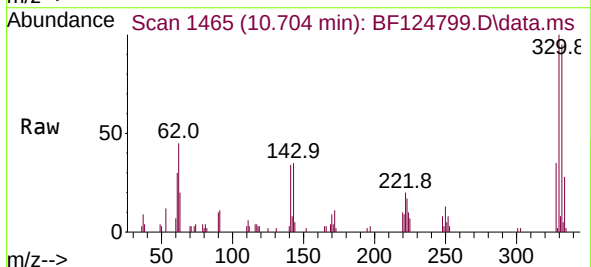
Tgt Ion:248 Resp: 1394

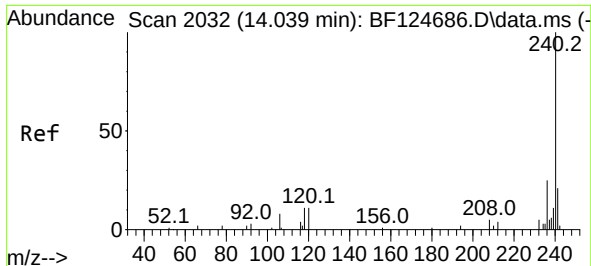
Ion Ratio Lower Upper

248 100

250 172.4 74.2 111.4#

141 439.7 60.4 90.6#

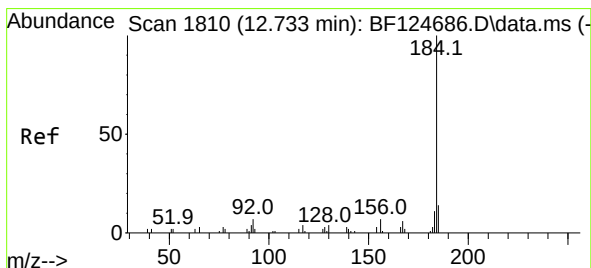
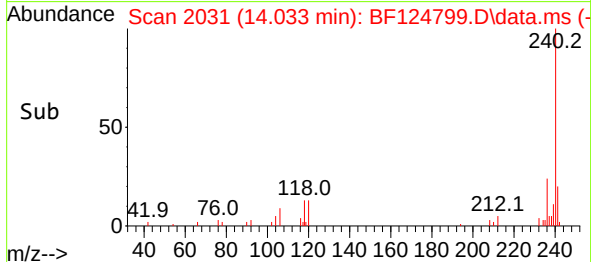
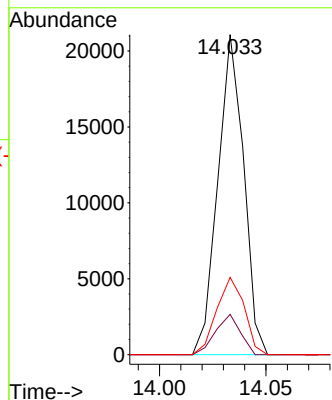
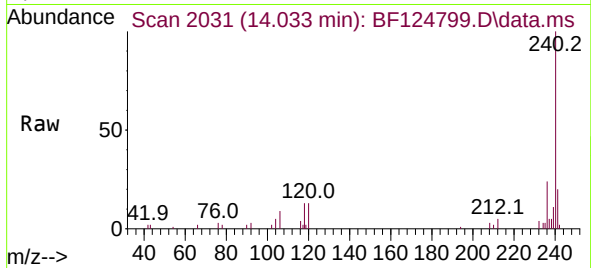




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

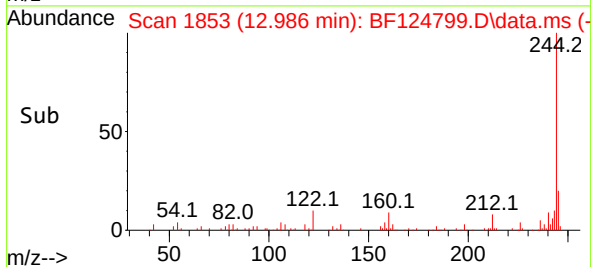
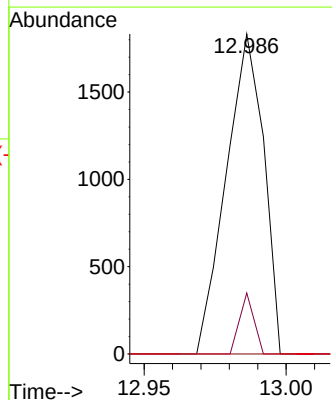
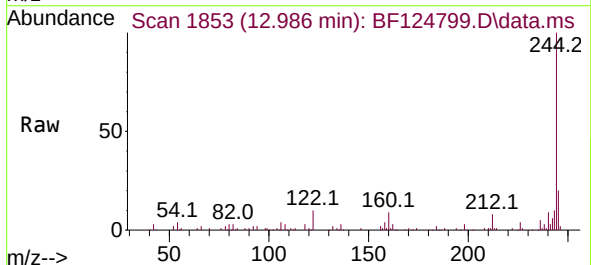
Instrument :
BNA_F
ClientSampleId :
GS-2

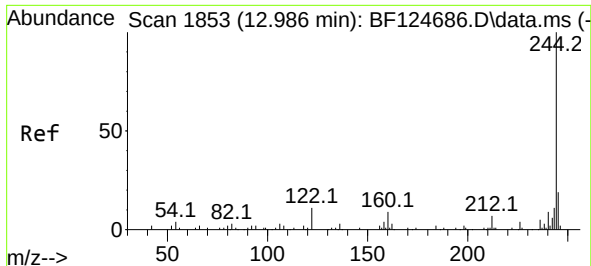
Tgt Ion:240 Resp: 17736
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 24.1 21.6 32.4



#77
Benzidine
Concen: 3.37 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124799.D
Acq: 27 Jul 2021 18:08

Tgt Ion:184 Resp: 1684
Ion Ratio Lower Upper
184 100
185 19.0 10.8 16.2#
183 0.0 8.1 12.1#

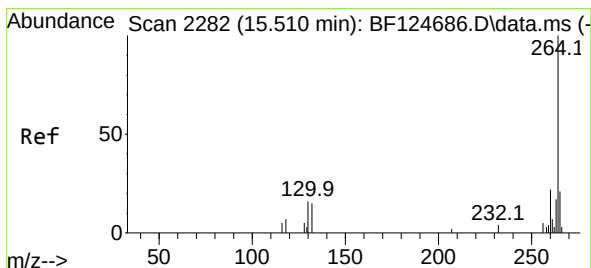
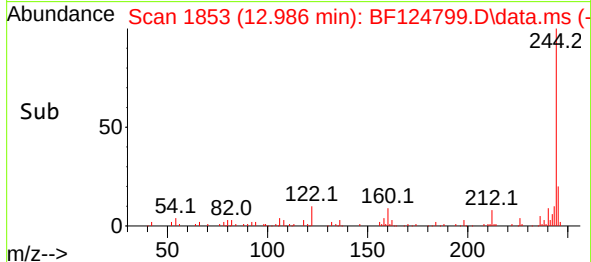
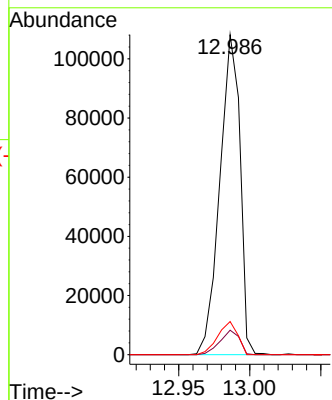
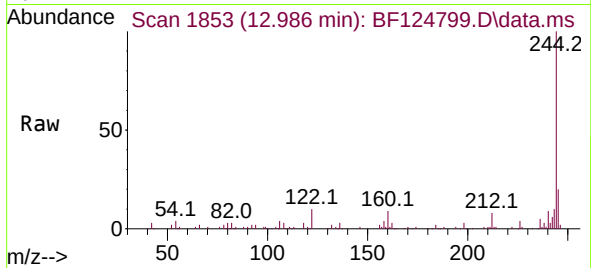




#79
 Terphenyl-d14
 Concen: 103.12 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124799.D
 Acq: 27 Jul 2021 18:08

Instrument :
 BNA_F
 ClientSampled :
 GS-2

Tgt Ion:244 Resp: 106694
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.000 min
 Lab File: BF124799.D
 Acq: 27 Jul 2021 18:08

Tgt Ion:264 Resp: 13559
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.6 29.4
 265 20.5 17.2 25.8

