

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124728.D
 Acq On : 23 Jul 2021 23:31
 Operator : JU/CG
 Sample : M3138-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16085

Quant Time: Jul 24 00:12:57 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)

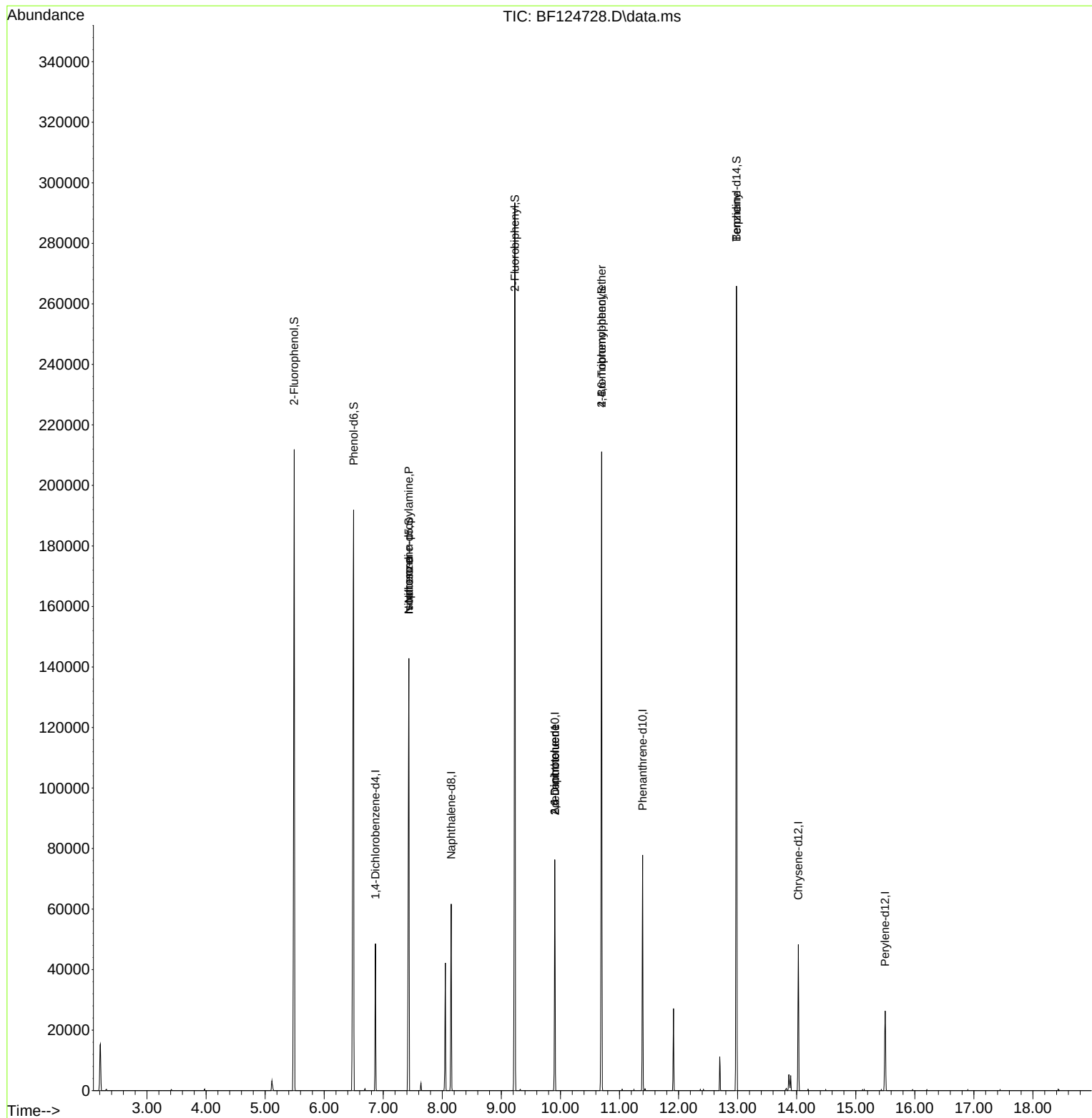
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6838	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	27154	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	14891	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	27330	20.00	ng	0.00
76) Chrysene-d12	14.027	240	17002	20.00	ng	-0.01
86) Perylene-d12	15.498	264	12686	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	62160	153.91	ng	0.01
7) Phenol-d6	6.498	99	73459	145.09	ng	0.00
23) Nitrobenzene-d5	7.434	82	46033	100.90	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	20164	157.71	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	93439	92.16	ng	0.00
79) Terphenyl-d14	12.980	244	97211	98.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	6167	22.81	ng	Qvalue # 67
25) Isophorone	7.434	82	46033	57.06	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1936	8.55	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1936	6.30	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1632	5.63	ng	# 1
77) Benzidine	12.980	184	1473	3.07	ng	# 69

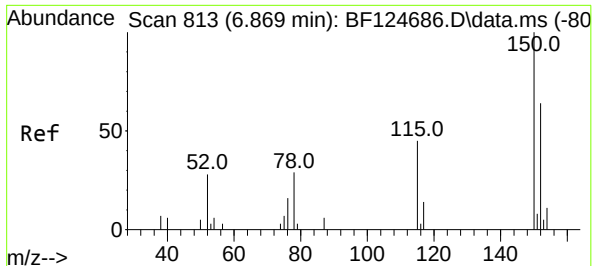
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

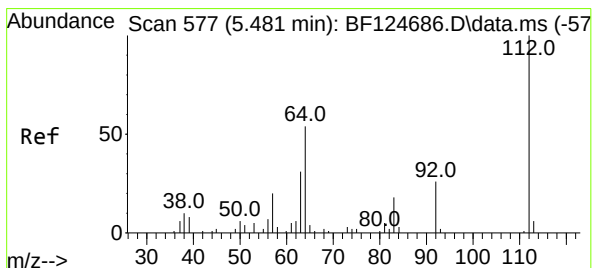
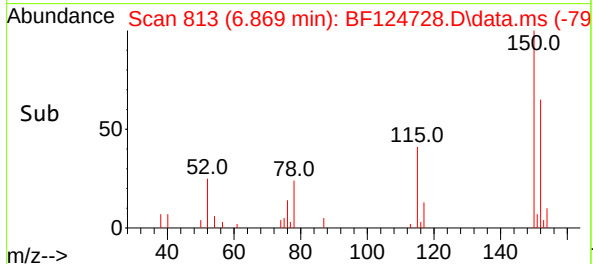
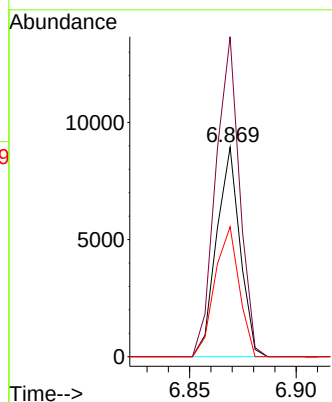
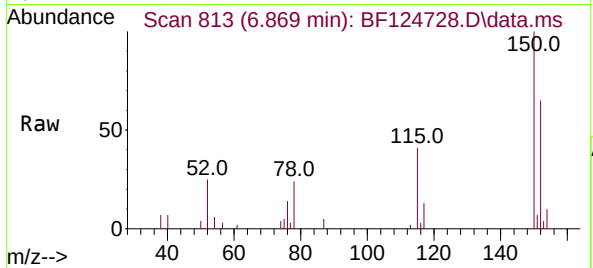




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

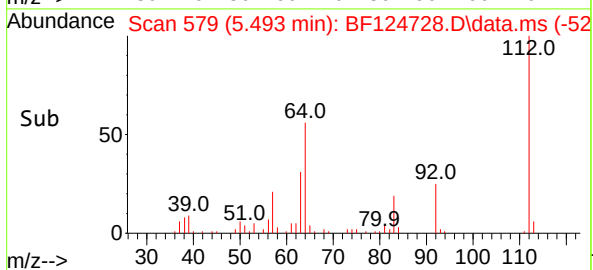
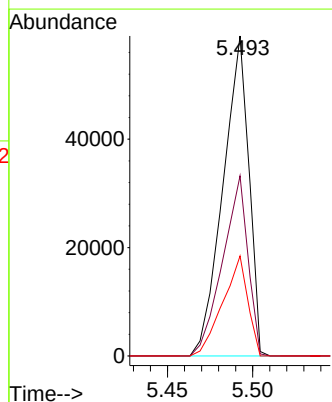
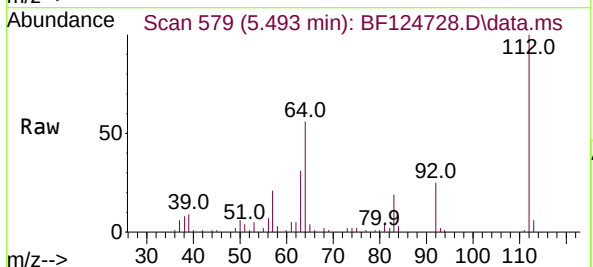
Instrument :
BNA_F
ClientSampleId :
VB16085

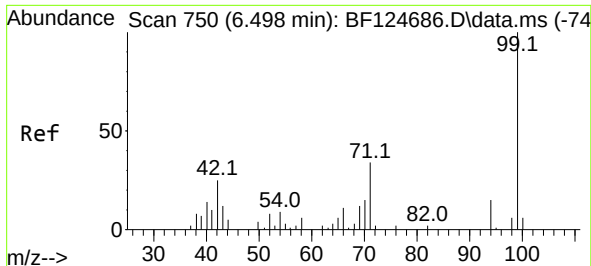
Tgt Ion:152 Resp: 6838
Ion Ratio Lower Upper
152 100
150 152.8 117.6 176.4
115 62.0 47.1 70.7



#5
2-Fluorophenol
Concen: 153.91 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion:112 Resp: 62160
Ion Ratio Lower Upper
112 100
64 56.3 44.2 66.2
63 31.2 26.2 39.2

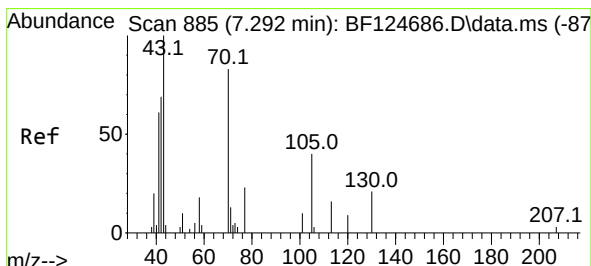
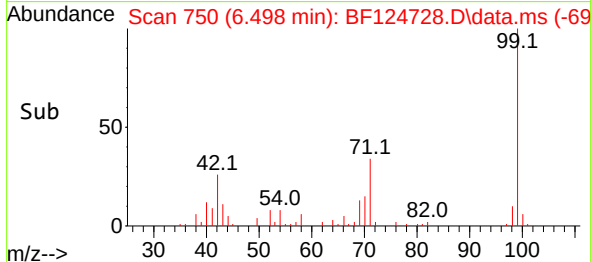
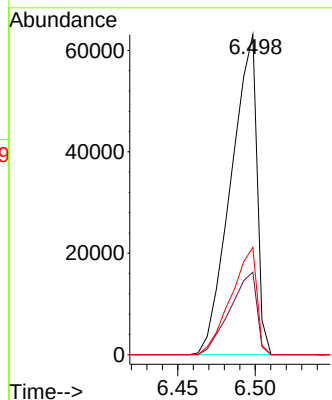
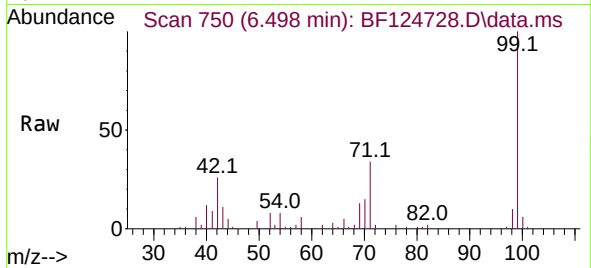




#7
Phenol-d6
Concen: 145.09 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

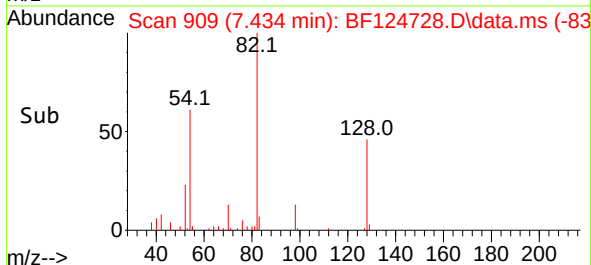
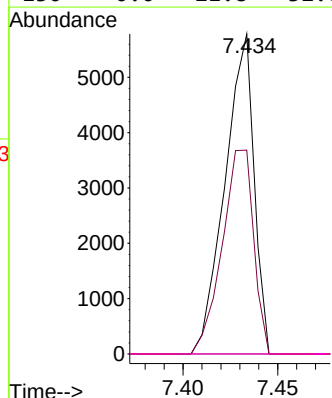
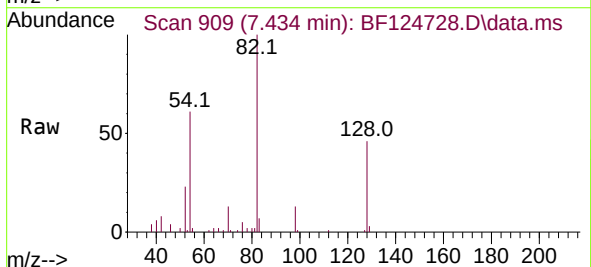
Instrument :
BNA_F
ClientSampleId :
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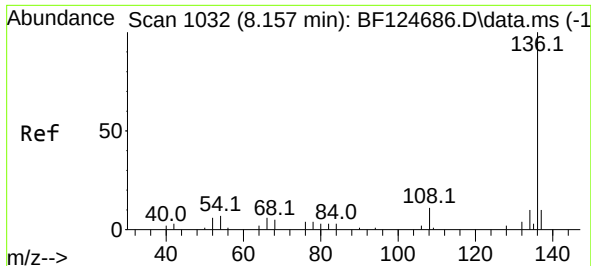
Tgt Ion:	99	Resp:	73459
Ion	Ratio	Lower	Upper
99	100		
42	25.8	23.5	35.3
71	33.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.81 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion:	70	Resp:	6167
Ion	Ratio	Lower	Upper
70	100		
42	63.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

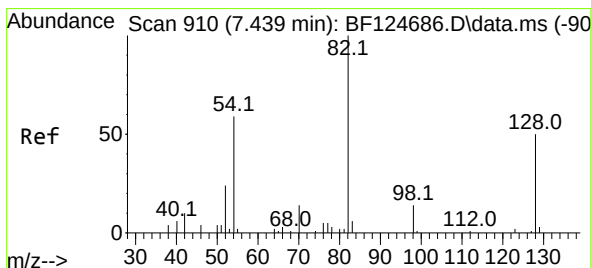
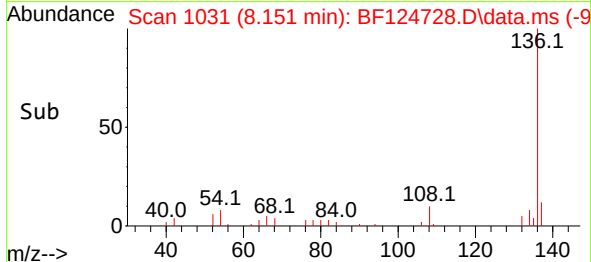
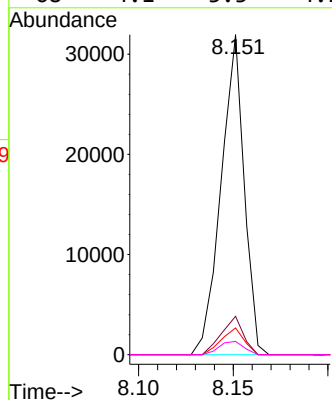
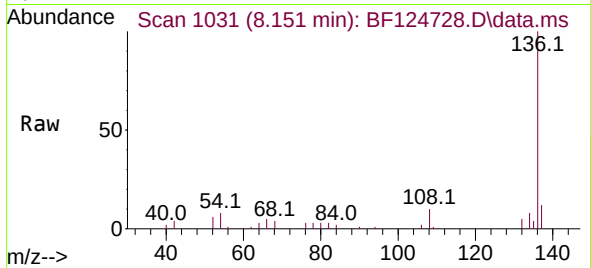




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

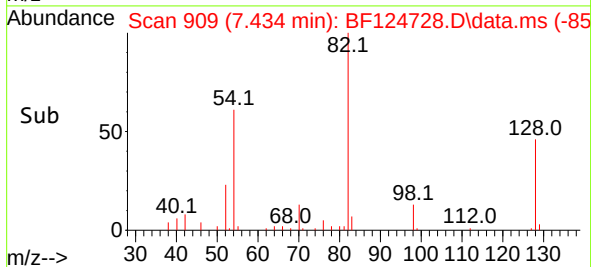
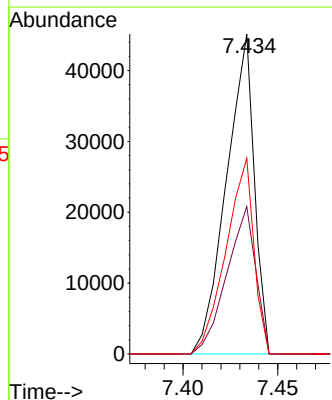
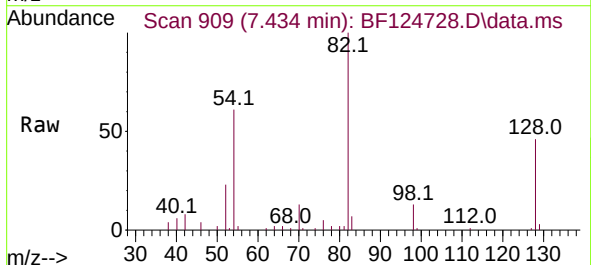
Instrument :
BNA_F
ClientSampleId :
VB16085

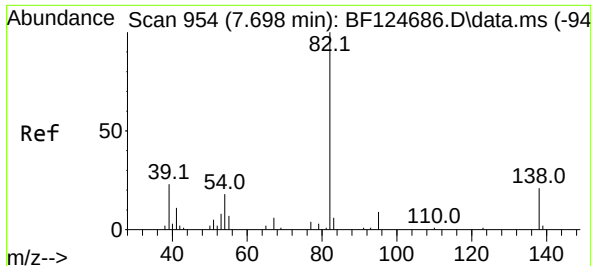
Tgt Ion:136	Resp:	27154
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.8 14.6
54	8.3	6.4 9.6
68	4.1	3.3 4.9



#23
Nitrobenzene-d5
Concen: 100.90 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion: 82	Resp:	46033
Ion Ratio	Lower	Upper
82	100	
128	46.0	40.6 60.8
54	61.2	49.6 74.4

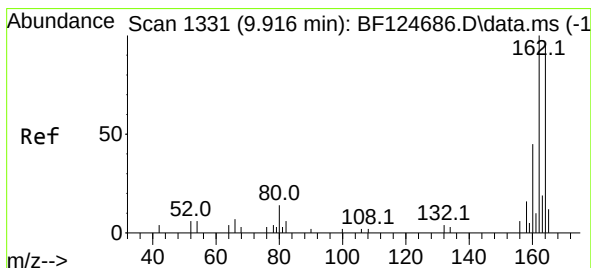
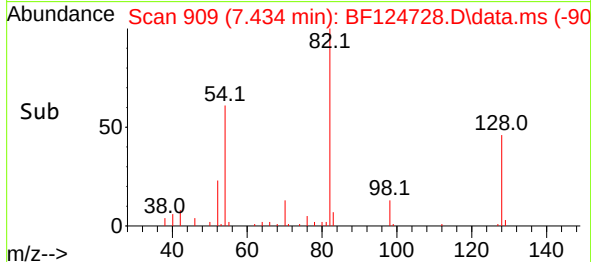
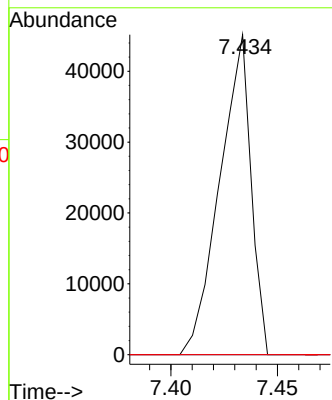
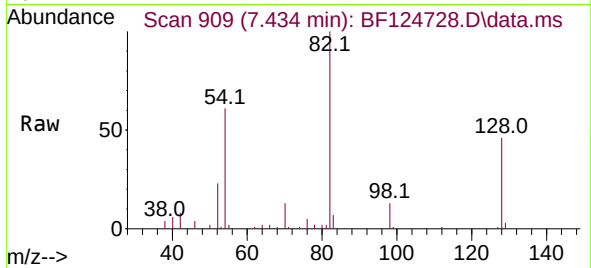




#25
Isophorone
Concen: 57.06 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

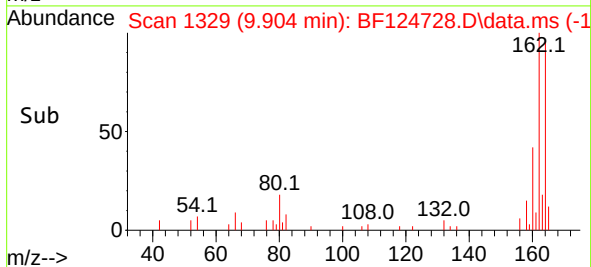
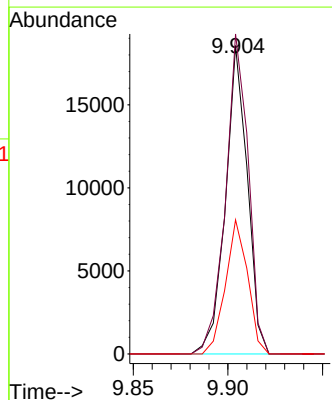
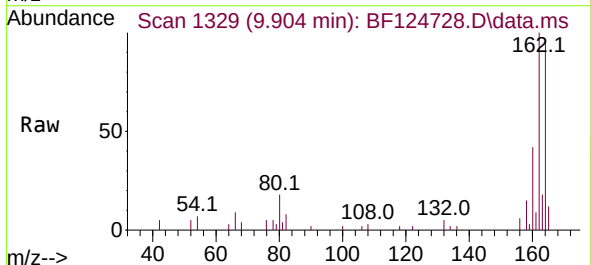
Instrument :
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ClientSampleId :
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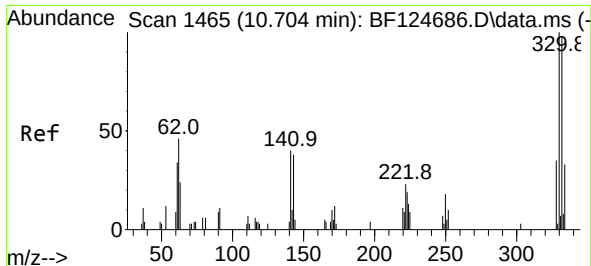
Tgt Ion: 82 Resp: 46033
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion: 164 Resp: 14891
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 43.5 38.0 57.0

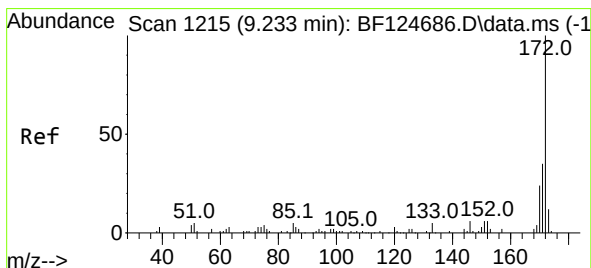
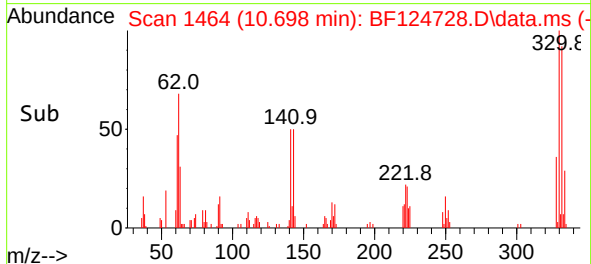
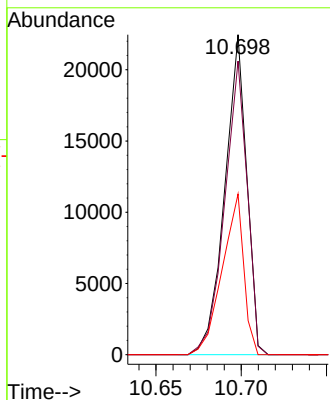
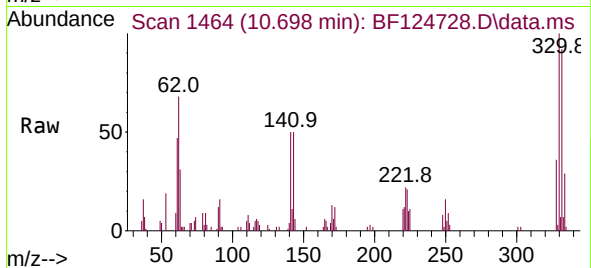




#42
2,4,6-Tribromophenol
Concen: 157.71 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

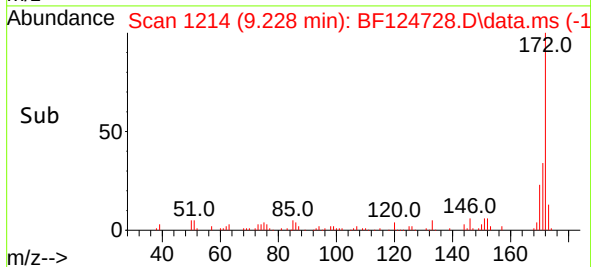
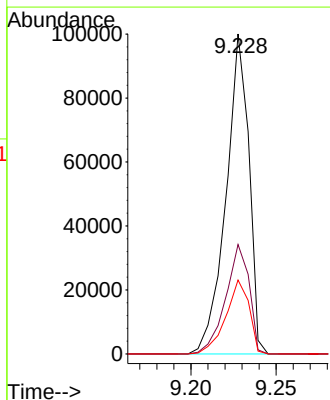
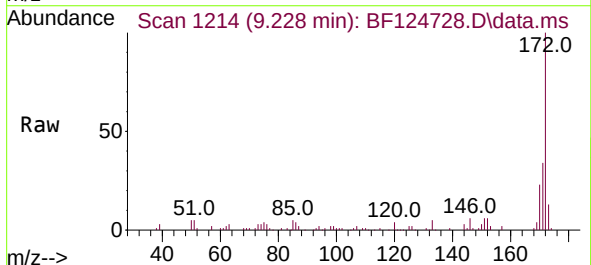
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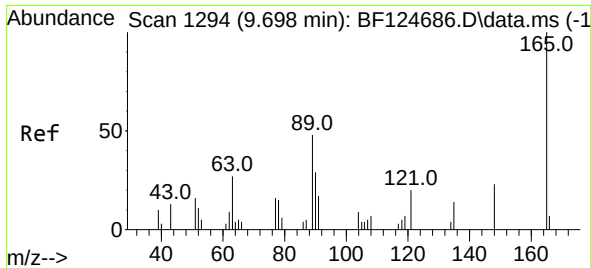
Tgt Ion: 330 Resp: 20164
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 49.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 92.16 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion: 172 Resp: 93439
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.1 18.8 28.2

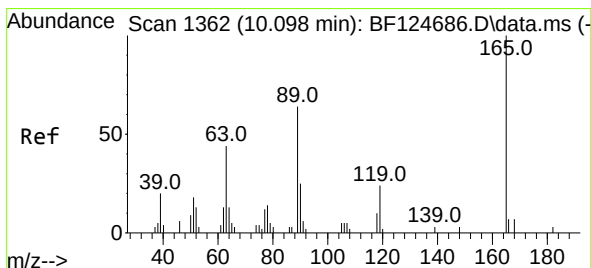
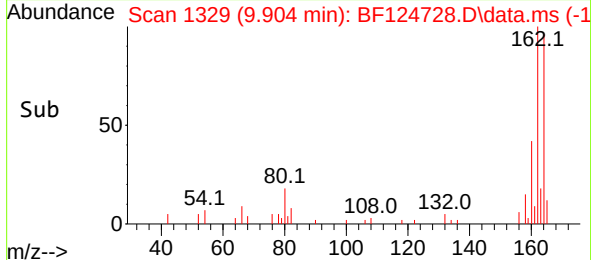
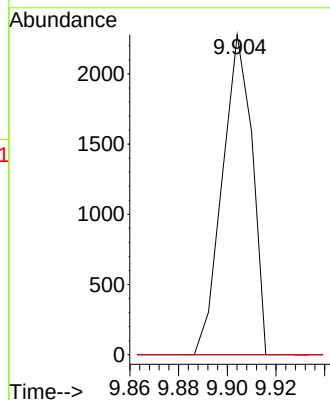
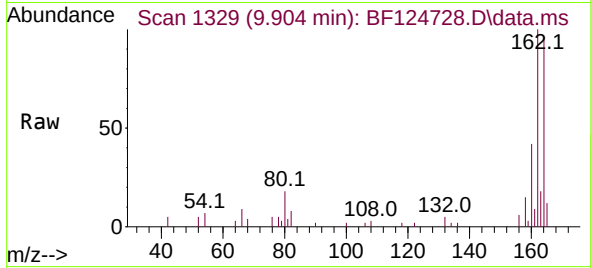




#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

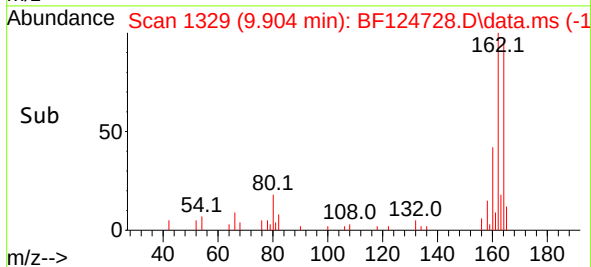
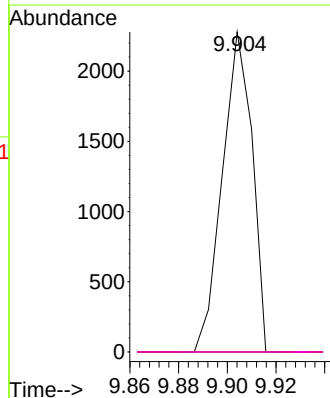
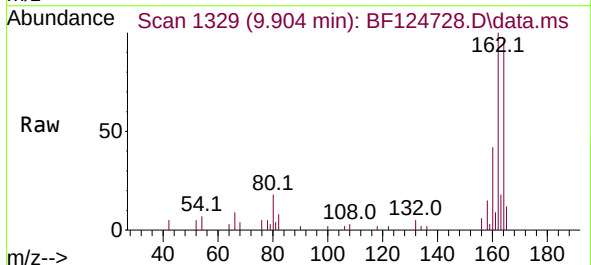
Instrument :
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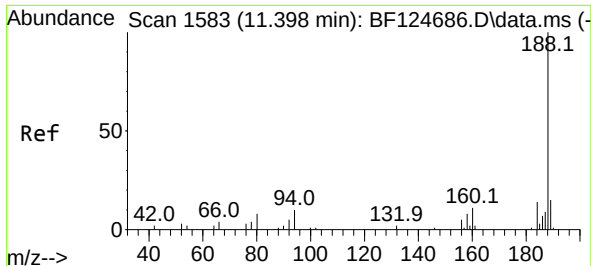
Tgt Ion:165 Resp: 1936
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion:165 Resp: 1936
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

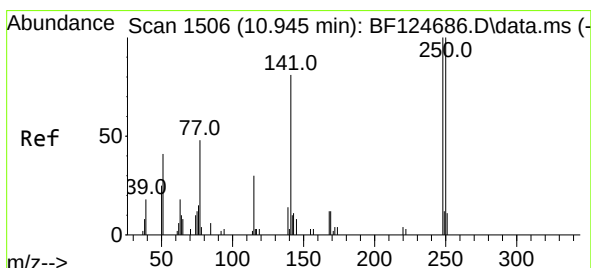
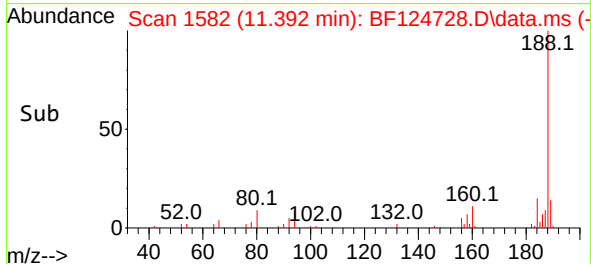
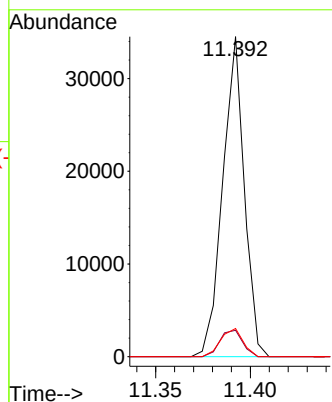
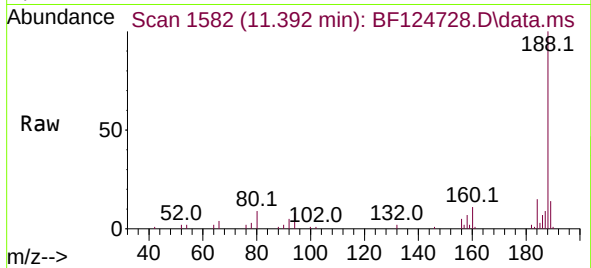




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

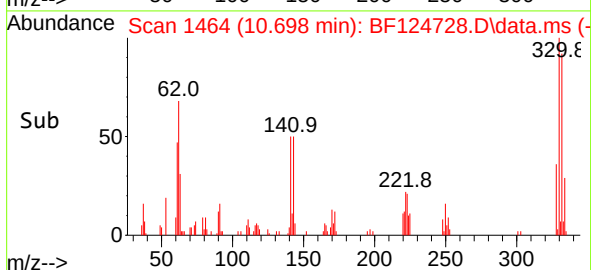
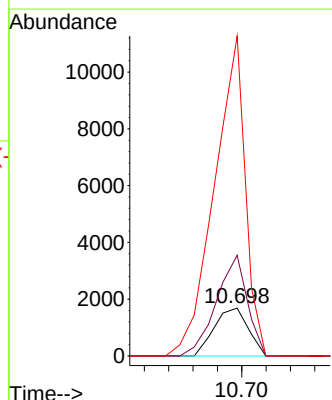
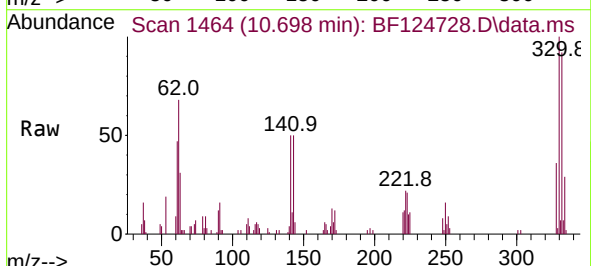
Instrument :
BNA_F
ClientSampleId :
VB16085

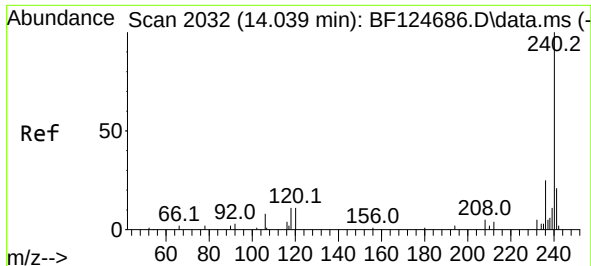
Tgt Ion:188 Resp: 27330
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.63 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion:248 Resp: 1632
Ion Ratio Lower Upper
248 100
250 209.9 74.2 111.4#
141 667.8 60.4 90.6#

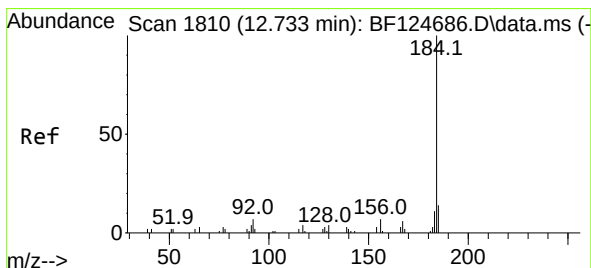
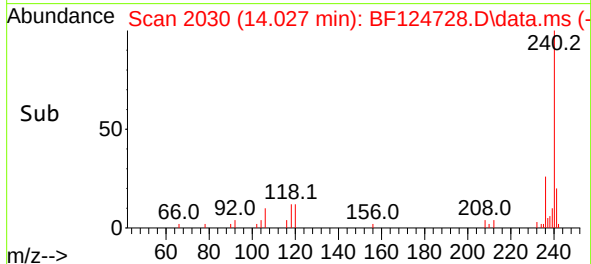
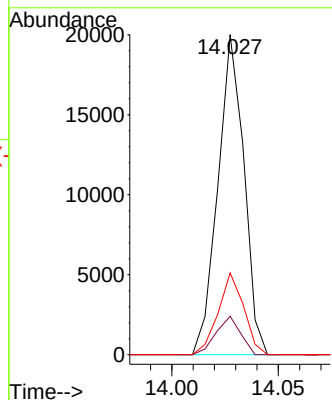
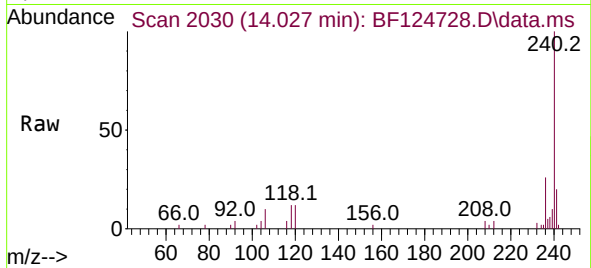




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

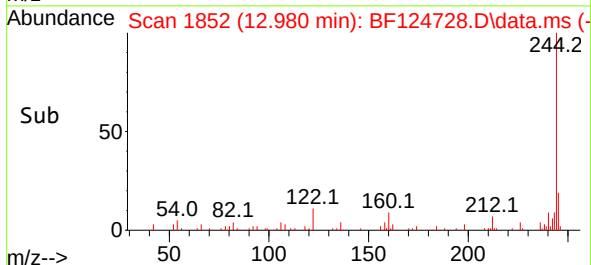
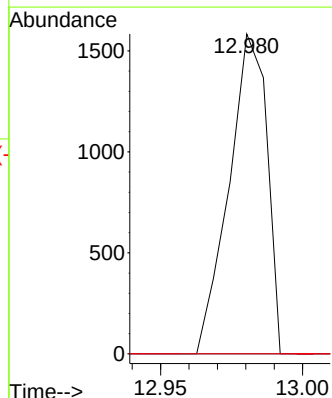
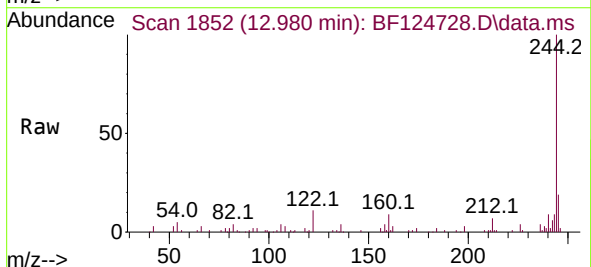
Instrument :
BNA_F
ClientSampleId :
VB16085

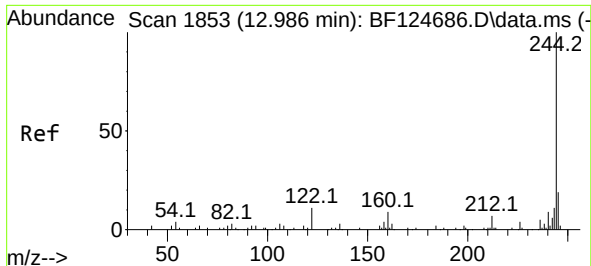
Tgt Ion:240 Resp: 17002
Ion Ratio Lower Upper
240 100
120 12.0 10.8 16.2
236 25.5 21.6 32.4



#77
Benzidine
Concen: 3.07 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124728.D
Acq: 23 Jul 2021 23:31

Tgt Ion:184 Resp: 1473
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

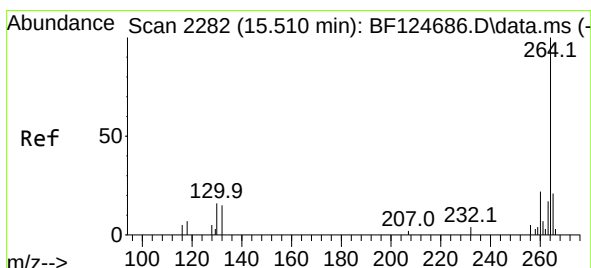
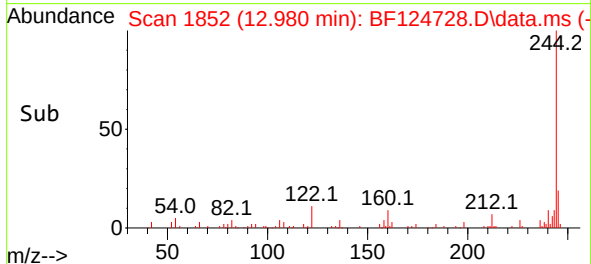
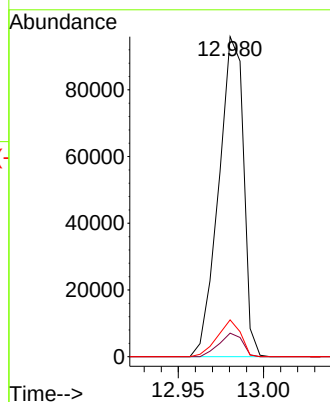
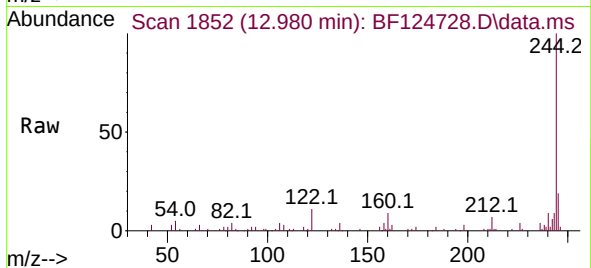




#79
 Terphenyl-d14
 Concen: 98.01 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124728.D
 Acq: 23 Jul 2021 23:31

Instrument :
 BNA_F
 ClientSampleId :
 VB16085

Tgt Ion:244 Resp: 97211
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124728.D
 Acq: 23 Jul 2021 23:31

Tgt Ion:264 Resp: 12686
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 22.1 17.2 25.8

