

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
 Data File : BF122976.D
 Acq On : 15 Jan 2021 22:29
 Operator : JU/CG
 Sample : PB134133BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB134133BL

Quant Time: Jan 18 13:17:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

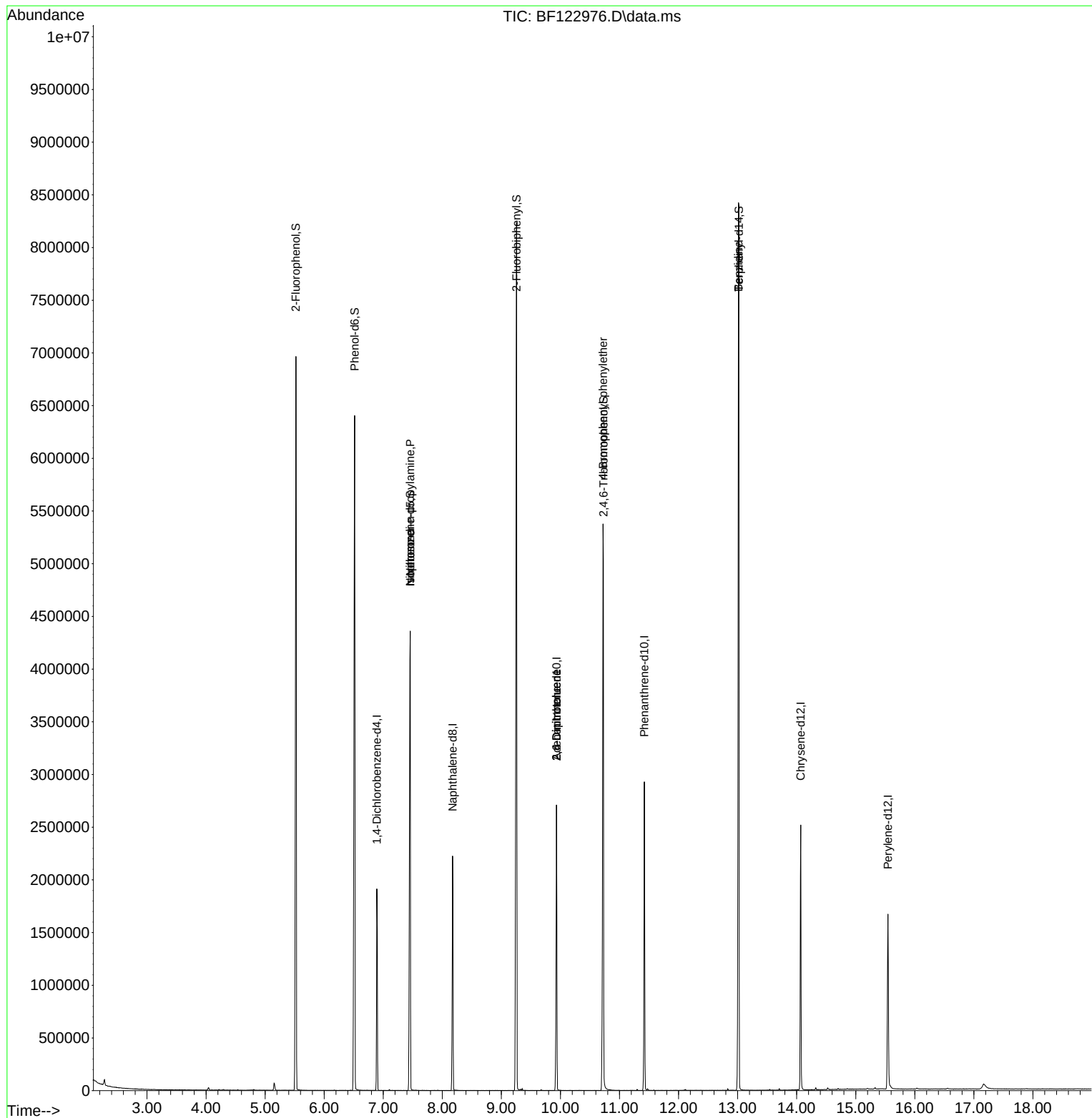
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	270658	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	1108916	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	565477	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	984569	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	800559	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	717712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2155573	120.39	ng	0.01
7) Phenol-d6	6.516	99	2713660	112.77	ng	0.00
23) Nitrobenzene-d5	7.457	82	1708830	79.30	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	784491	122.68	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2968572	73.51	ng	0.00
79) Terphenyl-d14	13.021	244	3053185	69.93	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	3718	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	228192	16.01	ng	# 79
25) Isophorone	7.457	82	1703993	44.32	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	73977	7.71	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	73977	5.99	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	48221	4.01	ng	# 1
77) Benizidine	13.016	184	43245	2.04	ng	# 97

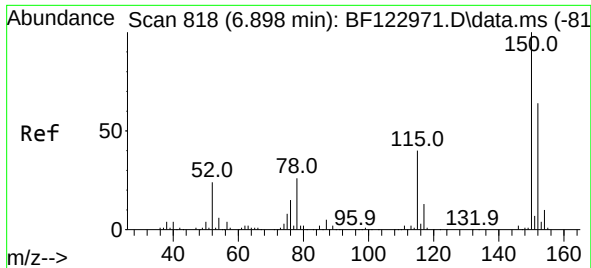
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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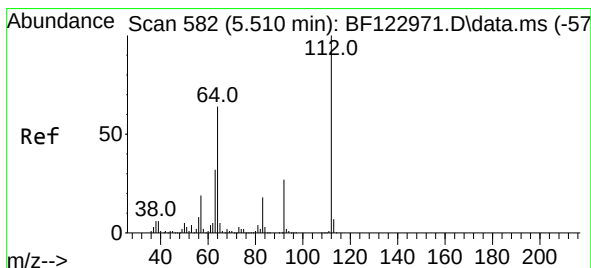
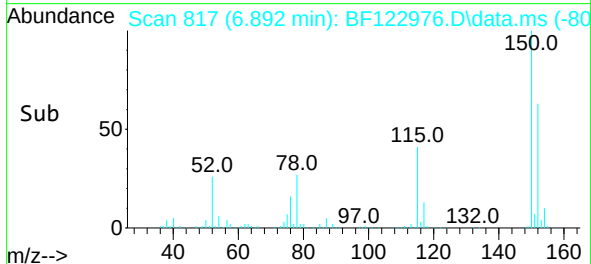
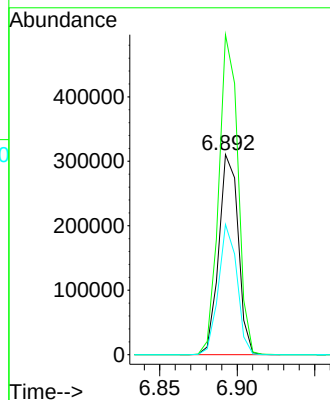
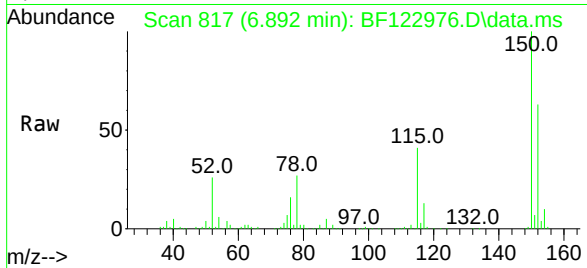




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

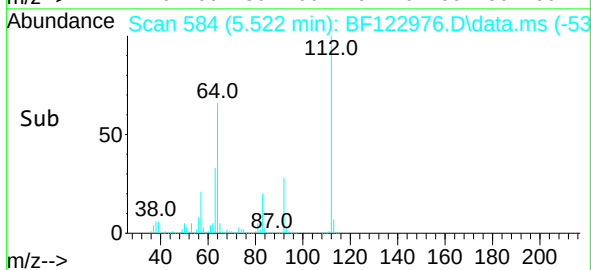
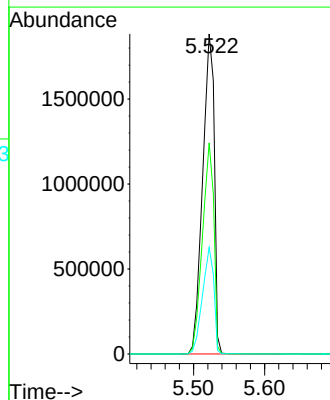
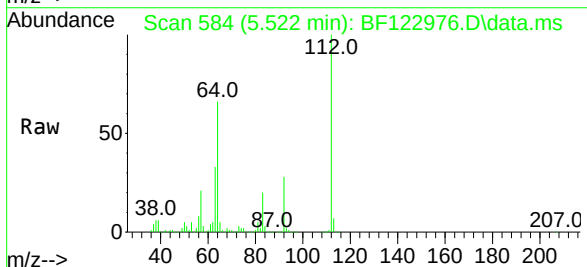
Instrument :
BNA_F
ClientSampleId :
PB134133BL

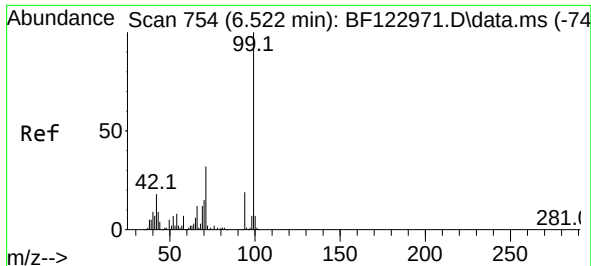
Tgt Ion:152 Resp: 270658
Ion Ratio Lower Upper
152 100
150 159.9 125.8 188.6
115 65.1 49.3 73.9



#5
2-Fluorophenol
Concen: 120.39 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Tgt Ion:112 Resp: 2155573
Ion Ratio Lower Upper
112 100
64 65.9 46.9 70.3
63 33.3 24.5 36.7

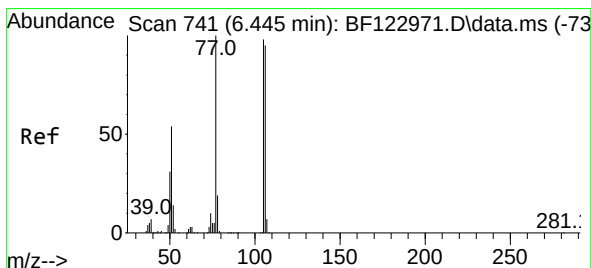
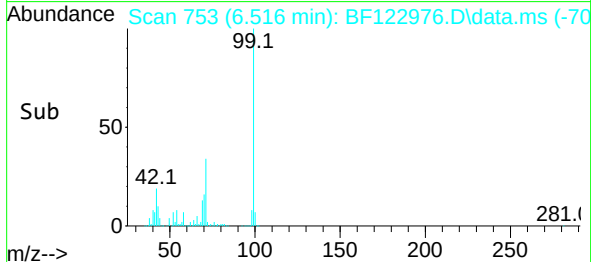
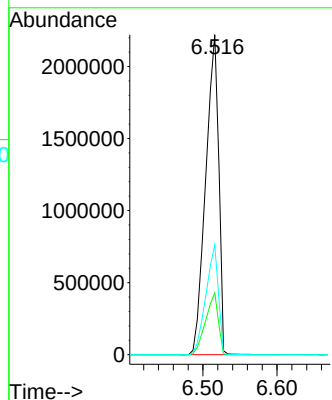
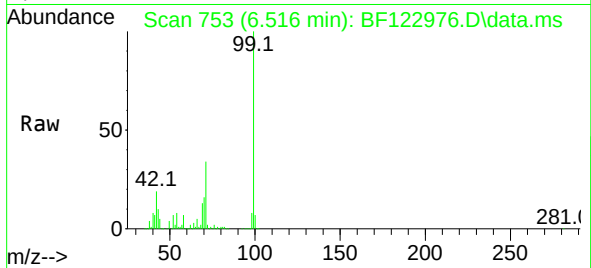




#7
Phenol-d6
Concen: 112.77 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

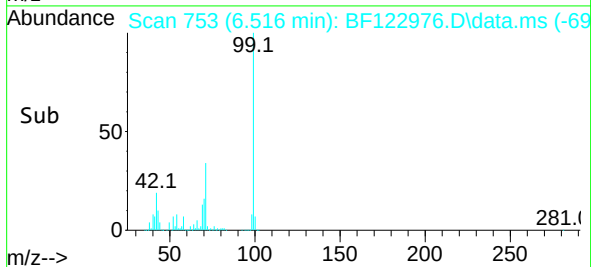
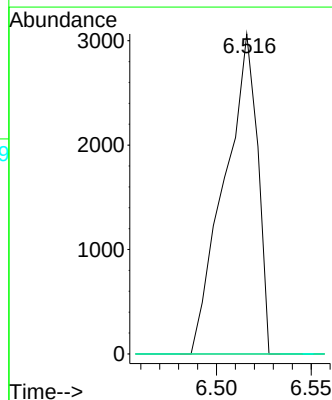
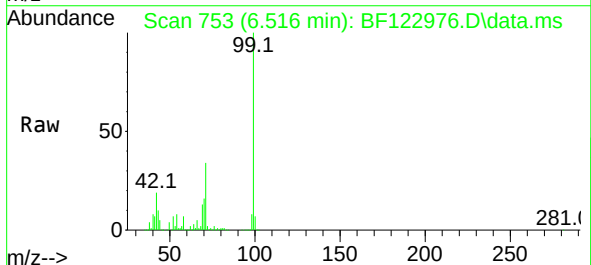
Instrument :
BNA_F
ClientSampleId :
PB134133BL

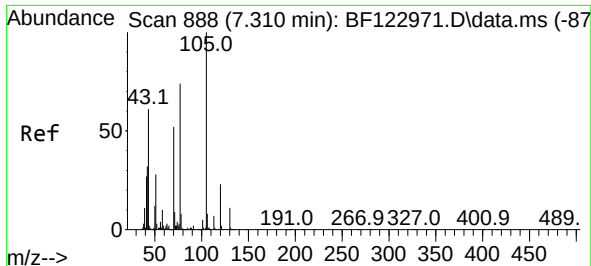
Tgt Ion: 99 Resp: 2713660
Ion Ratio Lower Upper
99 100
42 19.3 13.8 20.6
71 34.4 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.071 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Tgt Ion: 77 Resp: 3718
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#

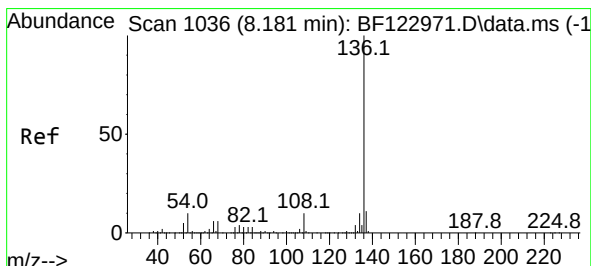
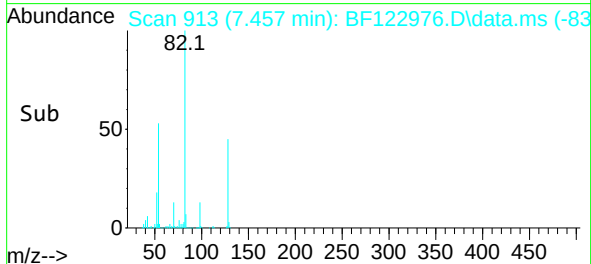
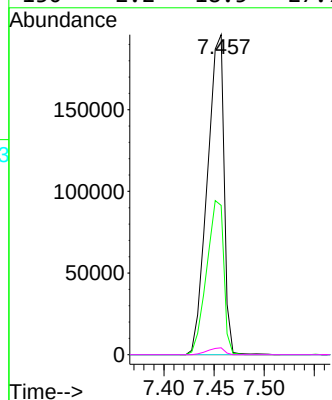
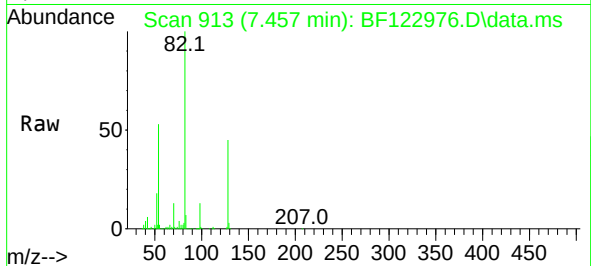




#19
n-Nitroso-di-n-propylamine
Concen: 16.01 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

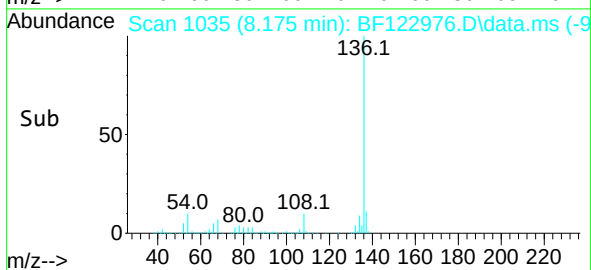
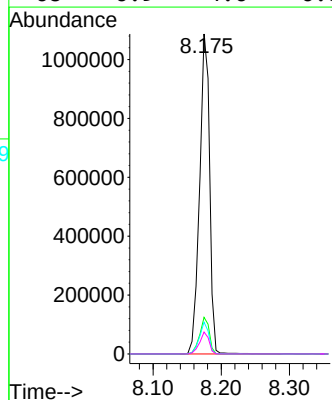
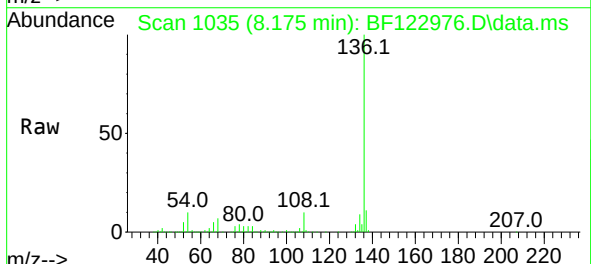
Instrument :
BNA_F
ClientSampleId :
PB134133BL

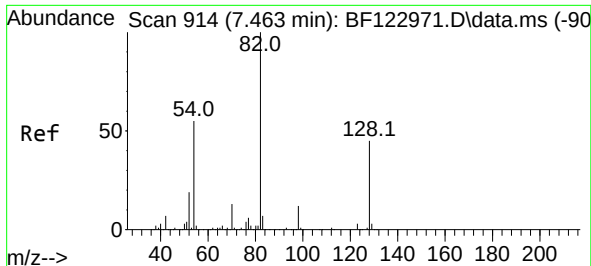
Tgt Ion:	70	Resp:	228192
Ion	Ratio	Lower	Upper
70	100		
42	46.7	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Tgt Ion:	136	Resp:	1108916
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.9	5.5	8.3#
68	6.9	4.6	6.8#





#23

Nitrobenzene-d5

Concen: 79.30 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF122976.D

Acq: 15 Jan 2021 22:29

Instrument :

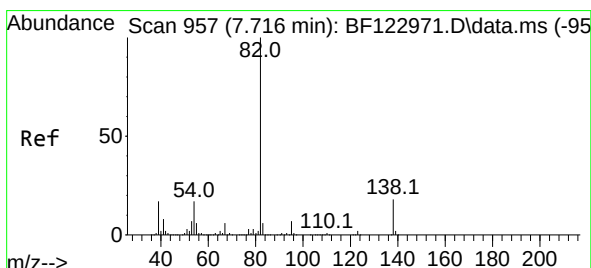
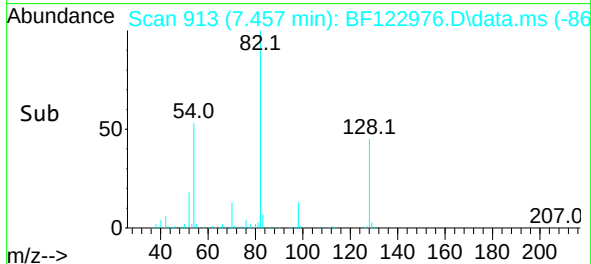
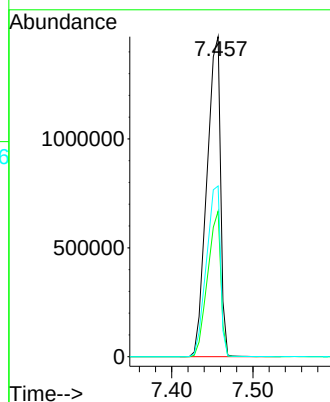
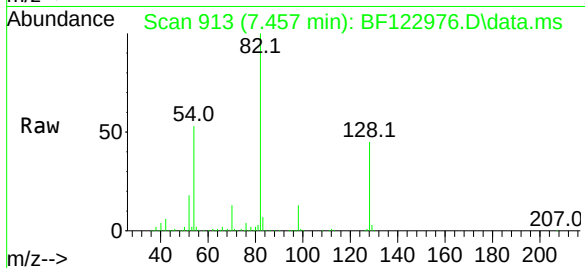
BNA_F

ClientSampleId :

PB134133BL

Tgt Ion: 82 Resp: 1708830

Ion	Ratio	Lower	Upper
82	100		
128	45.5	37.0	55.4
54	53.4	38.4	57.6



#25

Isophorone

Concen: 44.32 ng

RT: 7.457 min Scan# 913

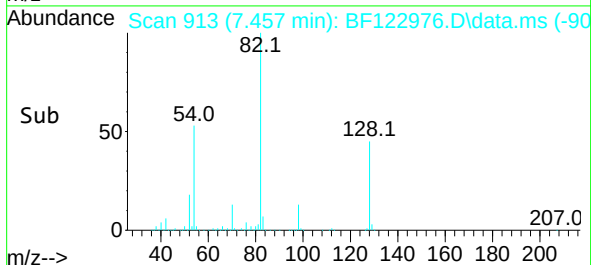
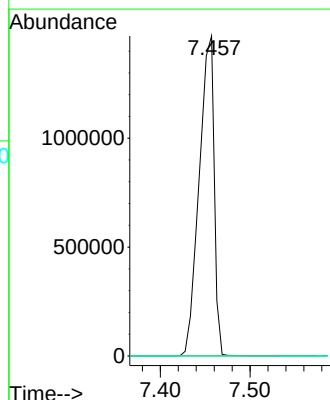
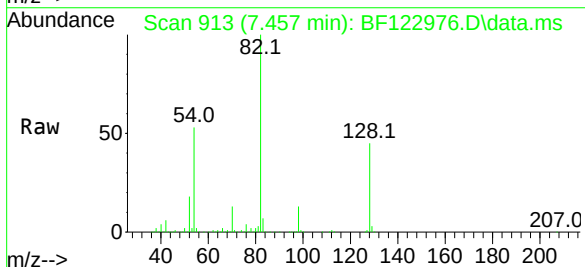
Delta R.T. -0.259 min

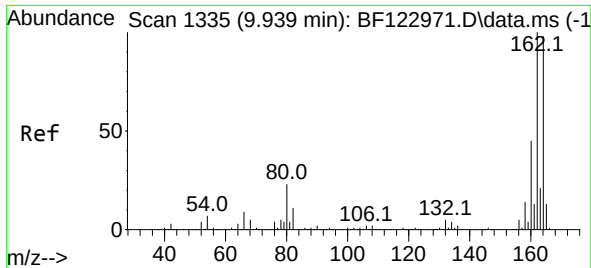
Lab File: BF122976.D

Acq: 15 Jan 2021 22:29

Tgt Ion: 82 Resp: 1703993

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

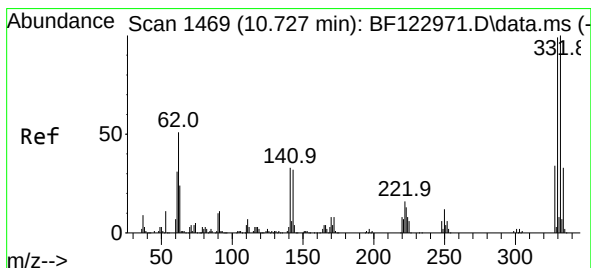
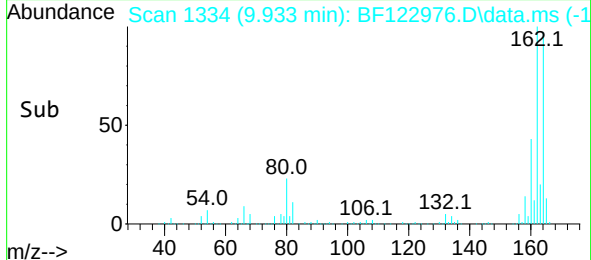
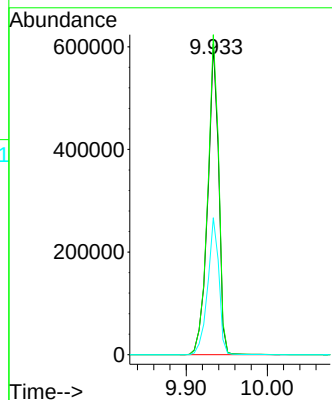
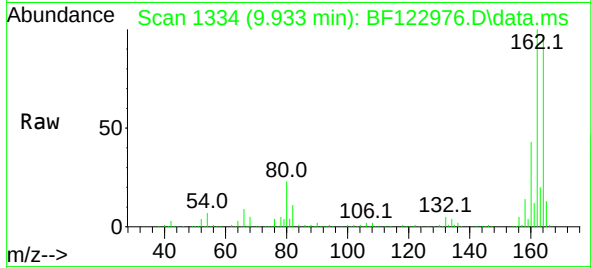




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

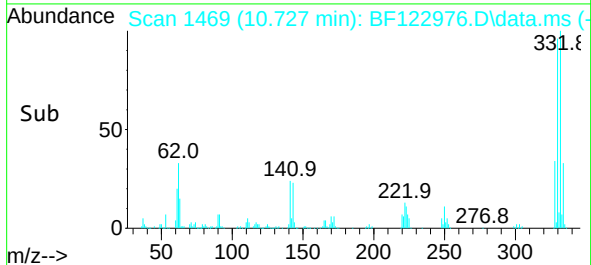
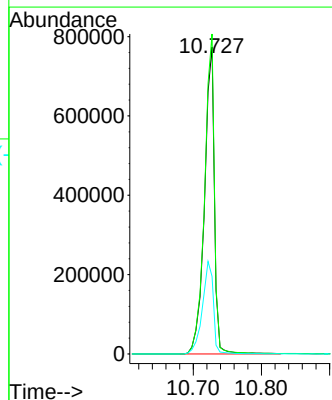
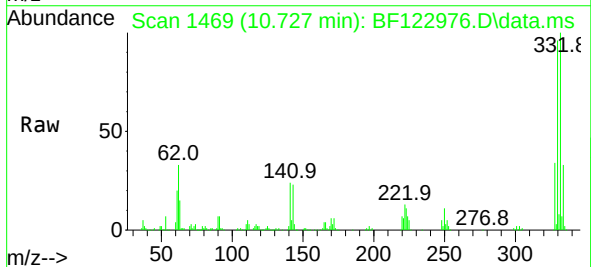
Instrument :
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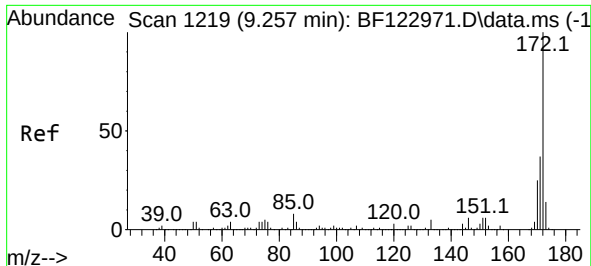
Tgt Ion:164 Resp: 565477
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 122.68 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Tgt Ion:330 Resp: 784491
Ion Ratio Lower Upper
330 100
332 103.6 77.5 116.3
141 33.2 23.8 35.8

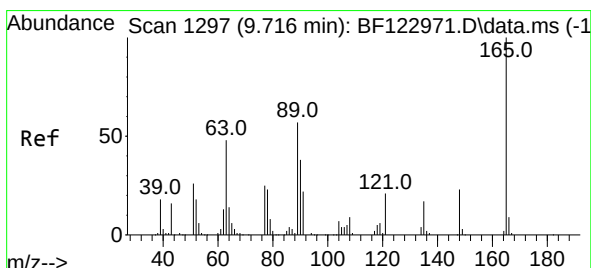
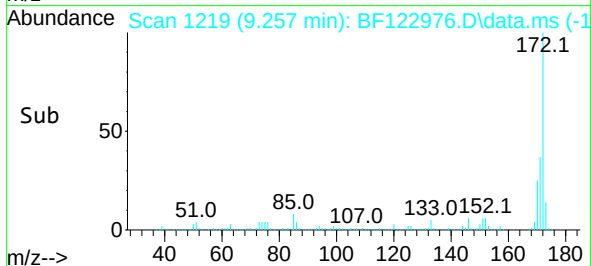
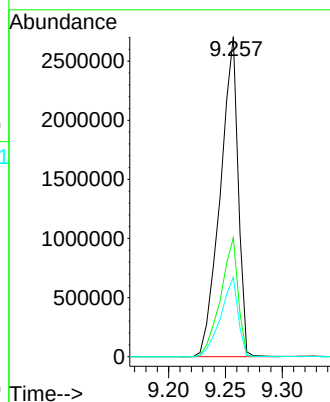
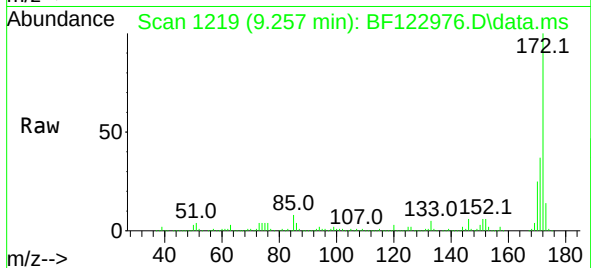




#45
2-Fluorobiphenyl
Concen: 73.51 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

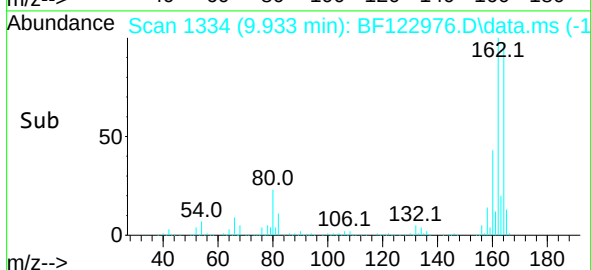
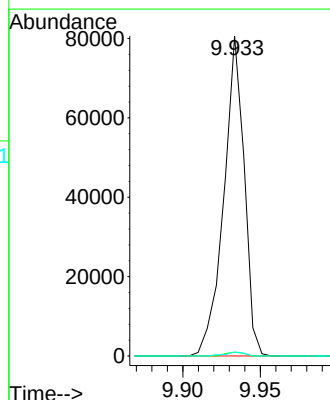
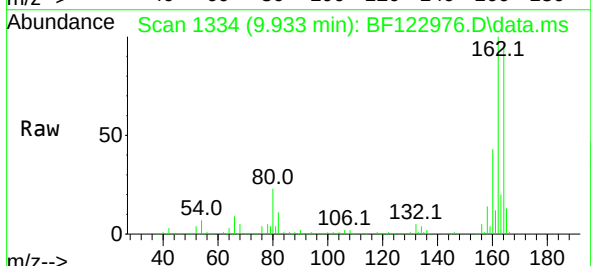
Instrument :
BNA_F
ClientSampleId :
PB134133BL

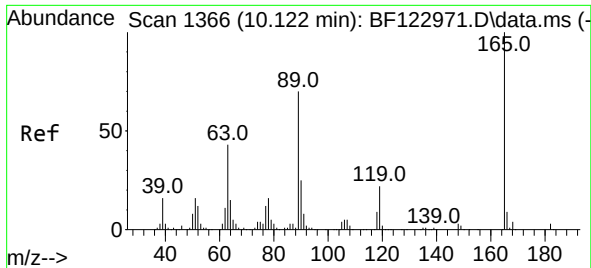
Tgt Ion:172 Resp: 2968572
Ion Ratio Lower Upper
172 100
171 37.2 29.6 44.4
170 24.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

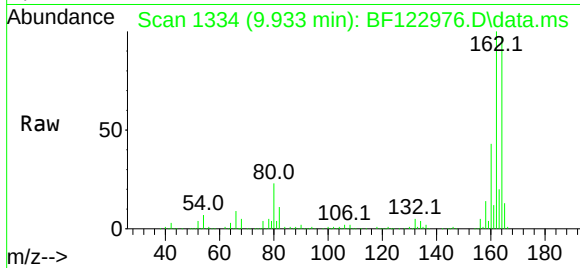
Tgt Ion:165 Resp: 73977
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.3 39.4 59.0#



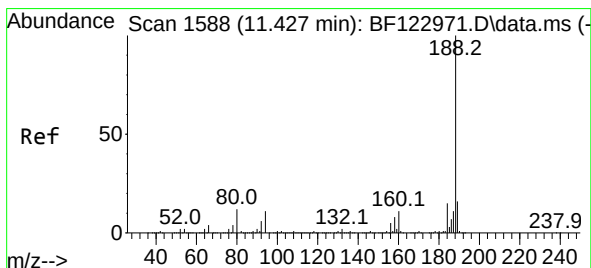
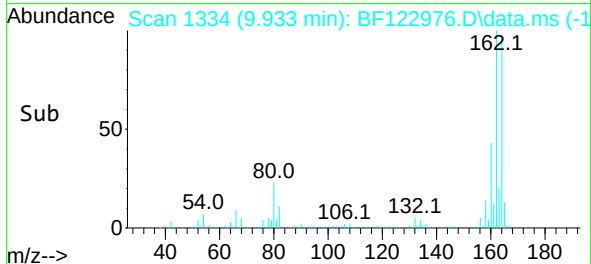
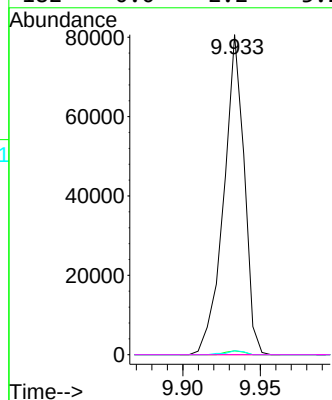


#57
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Instrument :
BNA_F
ClientSampleId :
PB134133BL

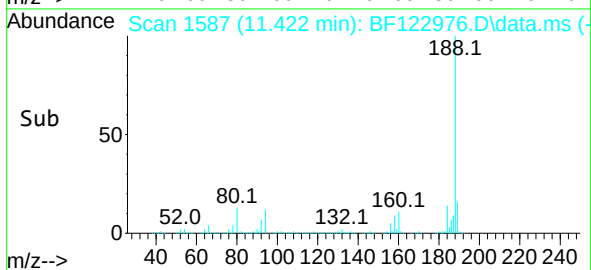
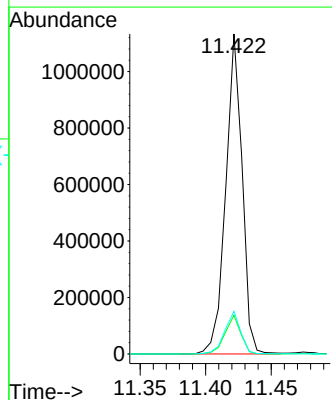
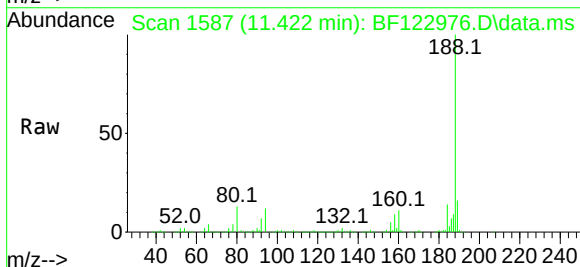


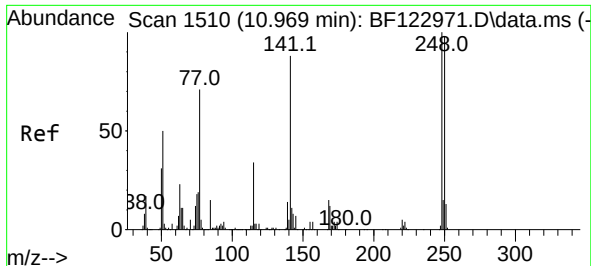
Tgt Ion:165 Resp: 73977
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Tgt Ion:188 Resp: 984569
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 13.3 8.2 12.4#

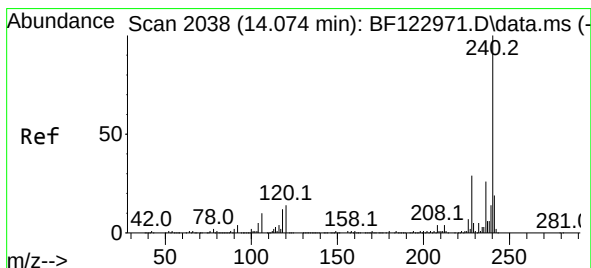
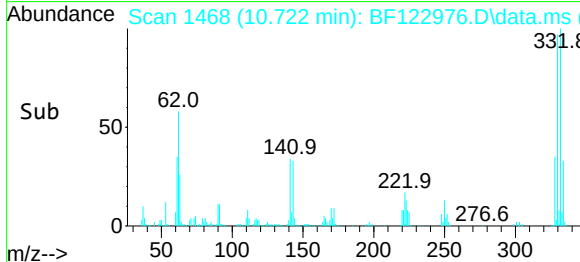
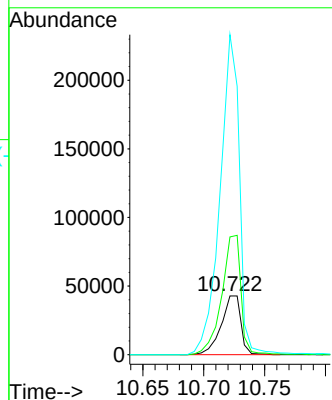
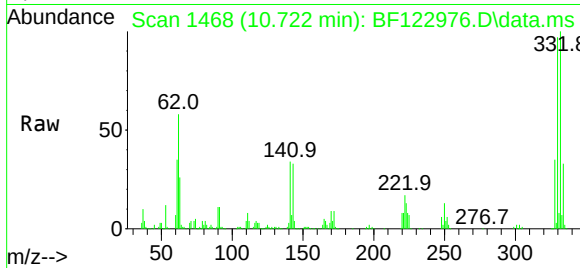




#67
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

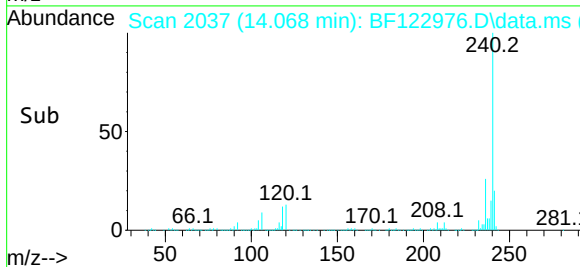
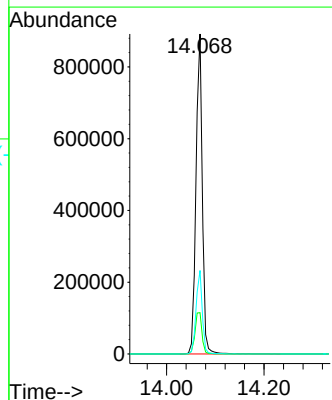
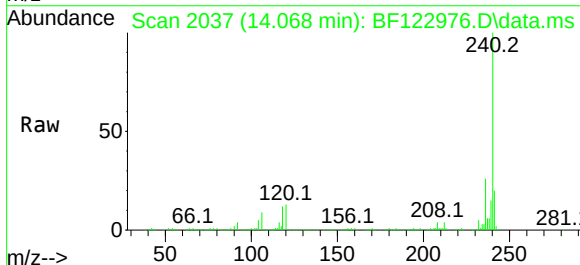
Instrument :
BNA_F
ClientSampleId :
PB134133BL

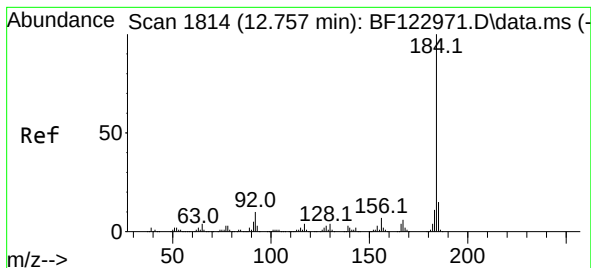
Tgt Ion:248 Resp: 48221
Ion Ratio Lower Upper
248 100
250 200.3 76.8 115.2#
141 544.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Tgt Ion:240 Resp: 800559
Ion Ratio Lower Upper
240 100
120 12.9 8.6 12.8#
236 26.1 20.3 30.5





#77

Benzidine

Concen: 2.04 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF122976.D

Acq: 15 Jan 2021 22:29

Tgt Ion:184 Resp: 43245

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

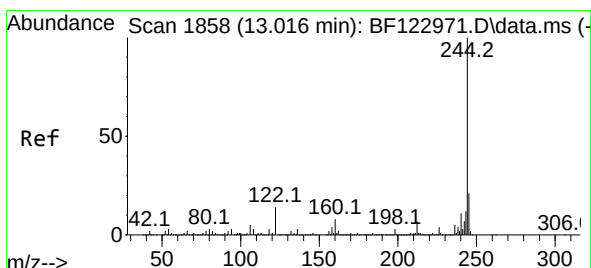
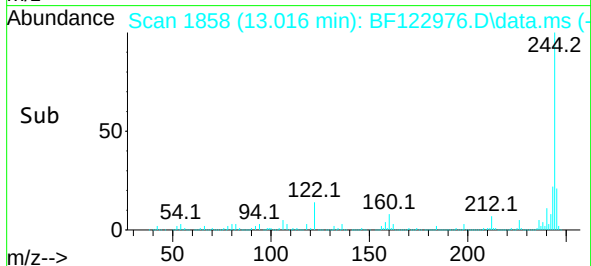
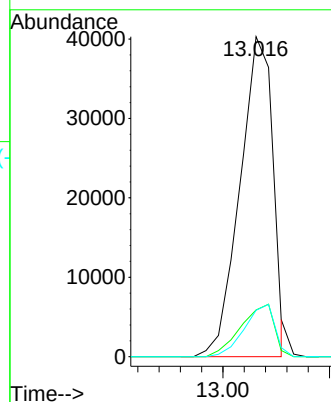
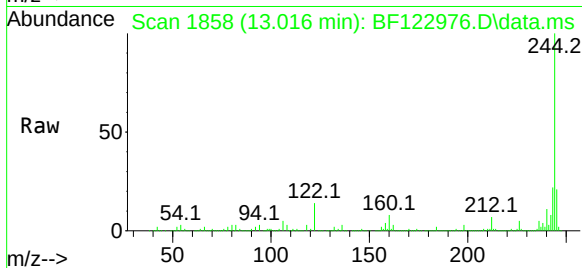
183 14.5 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

PB134133BL



#79

Terphenyl-d14

Concen: 69.93 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.005 min

Lab File: BF122976.D

Acq: 15 Jan 2021 22:29

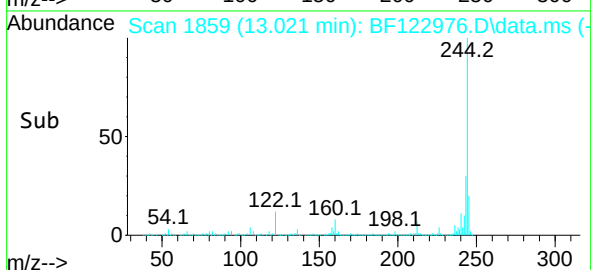
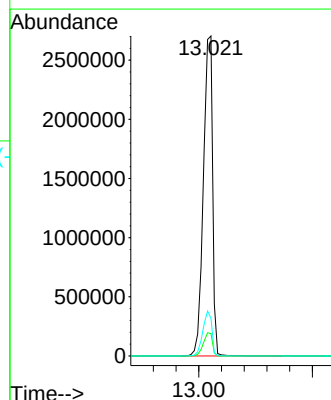
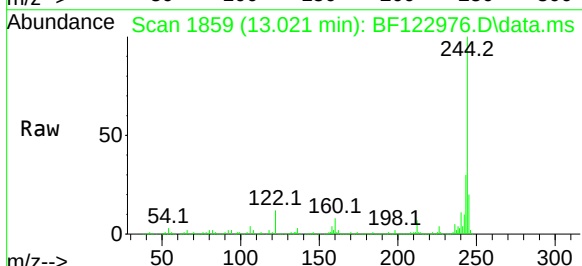
Tgt Ion:244 Resp: 3053185

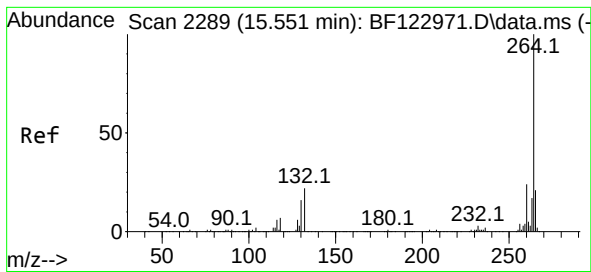
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

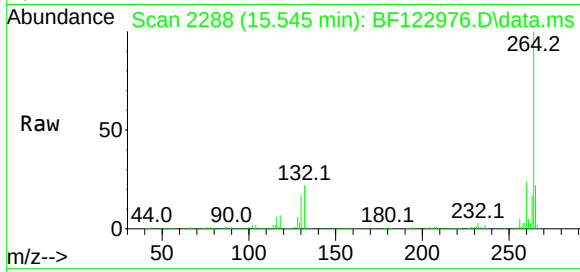
122 11.8 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF122976.D
Acq: 15 Jan 2021 22:29

Instrument :
BNA_F
ClientSampleId :
PB134133BL



Tgt Ion:264 Resp: 717712

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.0	17.0	25.6

