

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123081.D
 Acq On : 29 Jan 2021 14:37
 Operator : JU/CG
 Sample : M1270-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-SP1

Quant Time: Jan 29 22:34:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

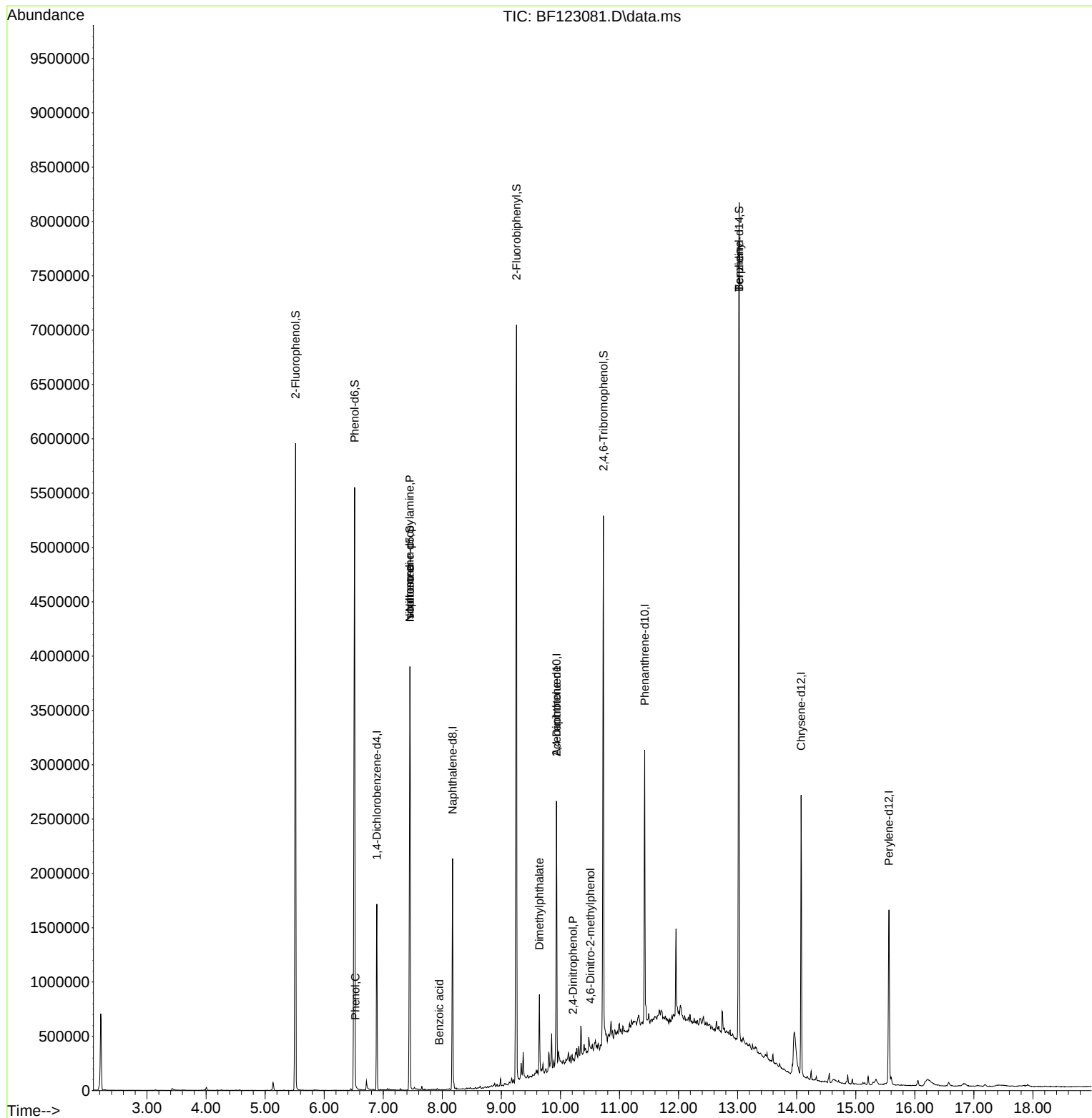
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	244381	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	947541	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	502095	20.00	ng	0.00
64) Phenanthrene-d10	11.428	188	912773	20.00	ng	0.00
76) Chrysene-d12	14.074	240	848418	20.00	ng	-0.01
86) Perylene-d12	15.563	264	733176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1824224	115.15	ng	0.01
7) Phenol-d6	6.516	99	2294338	106.84	ng	0.00
23) Nitrobenzene-d5	7.451	82	1481973	78.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	691669	126.90	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2527410	74.83	ng	0.00
79) Terphenyl-d14	13.027	244	2893608	67.01	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.528	94	42829	2.01	ng	84
19) n-Nitroso-di-n-propyla...	7.451	70	198346	15.36	ng	# 80
25) Isophorone	7.451	82	1474489	42.75	ng	# 65
32) Benzoic acid	7.951	122	119	4.92	ng	# 1
50) Dimethylphthalate	9.645	163	223462	5.67	ng	# 99
54) 2,4-Dinitrophenol	10.216	184	762	7.03	ng	86
57) 2,4-Dinitrotoluene	9.933	165	66520	6.10	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.510	198	480	5.06	ng	# 1
77) Benzidine	13.027	184	38679	2.01	ng	# 83

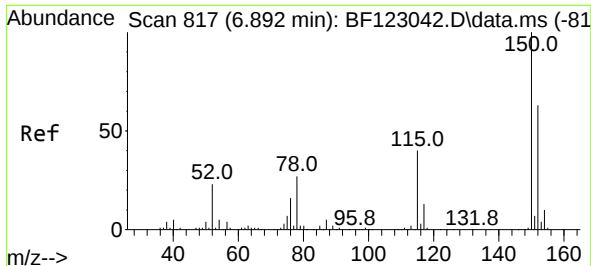
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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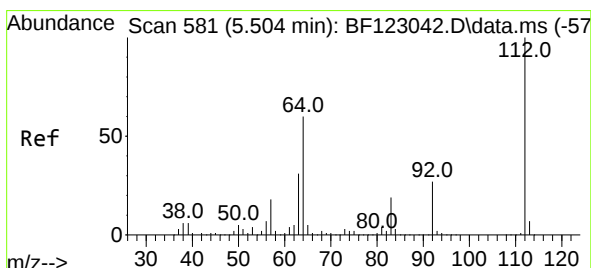
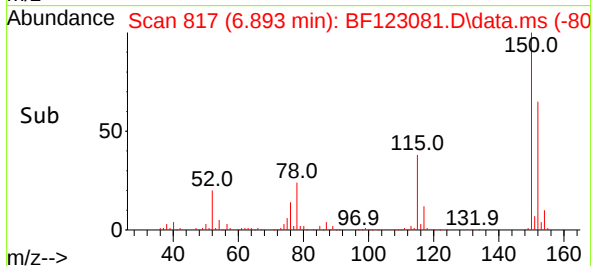
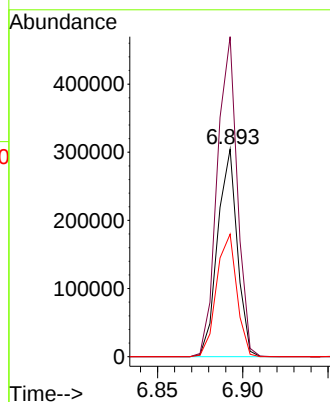
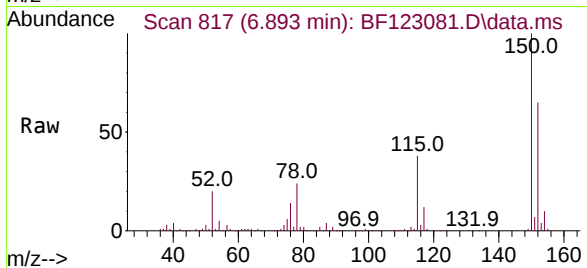




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

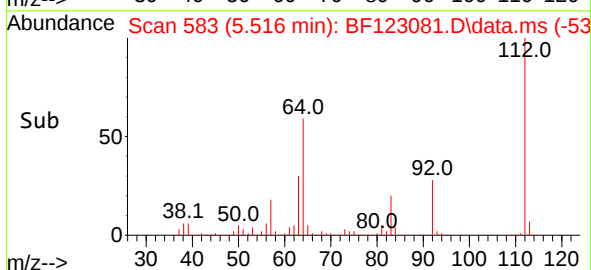
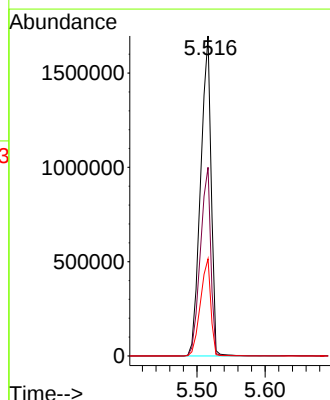
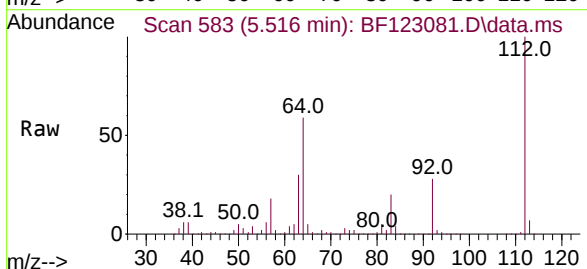
Instrument :
BNA_F
ClientSampleId :
RS-SP1

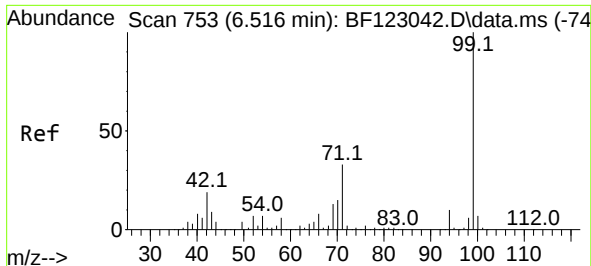
Tgt Ion:152 Resp: 244381
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 59.0 49.3 73.9



#5
2-Fluorophenol
Concen: 115.15 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion:112 Resp: 1824224
Ion Ratio Lower Upper
112 100
64 58.9 46.9 70.3
63 30.3 24.5 36.7



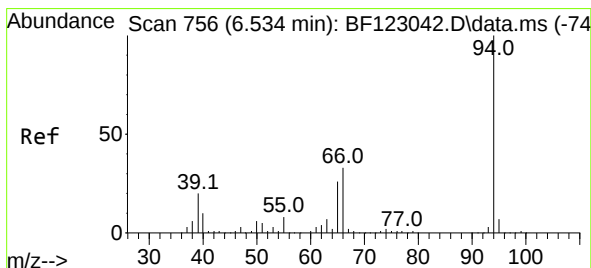
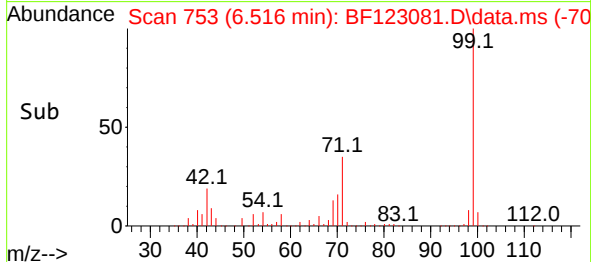
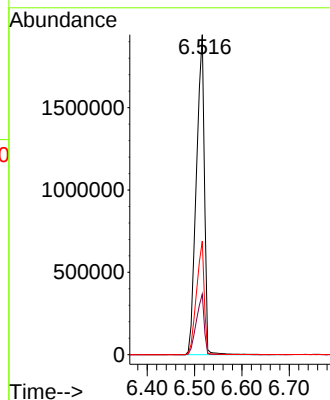
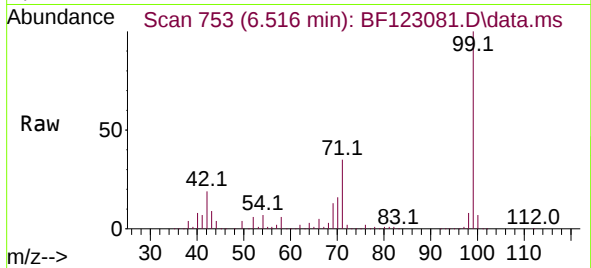


#7
Phenol-d6
Concen: 106.84 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Instrument :
BNA_F
ClientSampleId :
RS-SP1

Tgt Ion: 99 Resp: 2294338

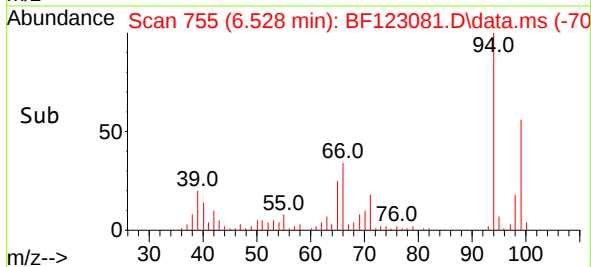
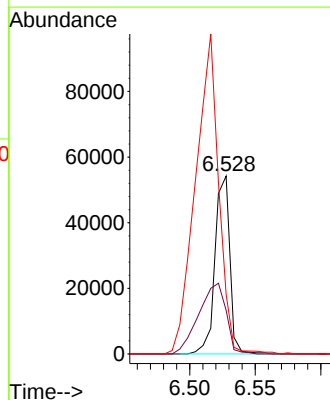
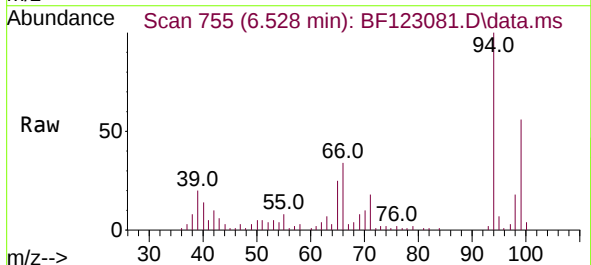
Ion	Ratio	Lower	Upper
99	100		
42	18.9	13.8	20.6
71	35.5	26.9	40.3

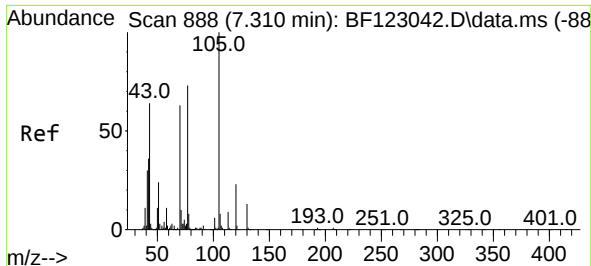


#10
Phenol
Concen: 2.01 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion: 94 Resp: 42829

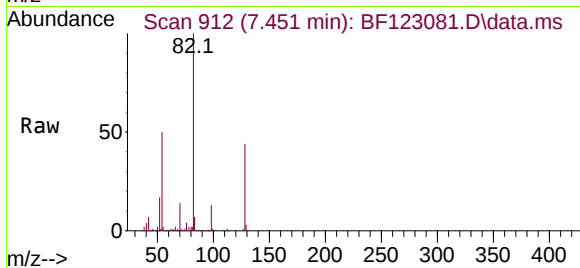
Ion	Ratio	Lower	Upper
94	100		
65	24.6	11.2	51.2
66	33.5	25.8	65.8



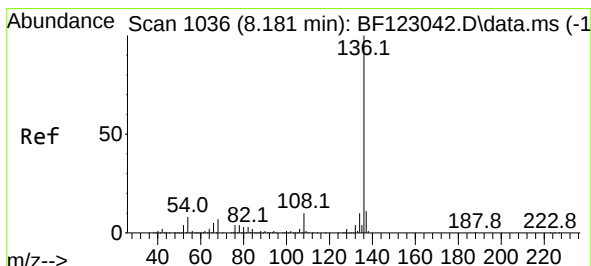
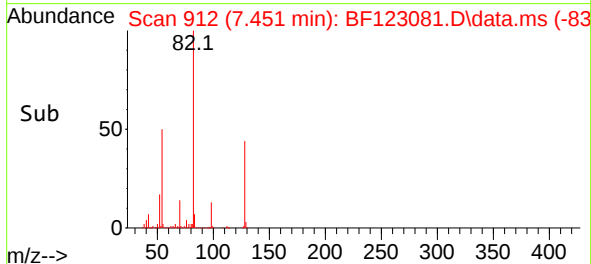
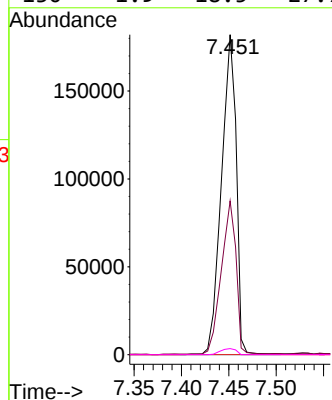


#19
n-Nitroso-di-n-propylamine
Concen: 15.36 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Instrument :
BNA_F
ClientSampled :
RS-SP1

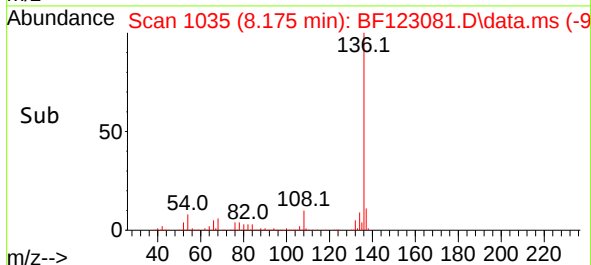
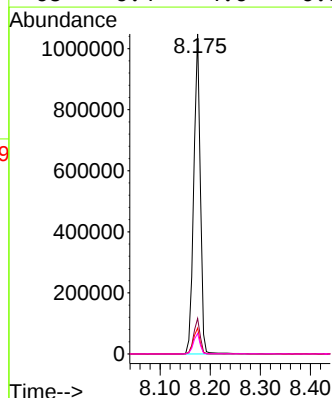
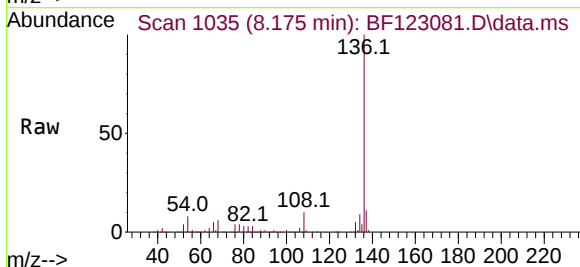


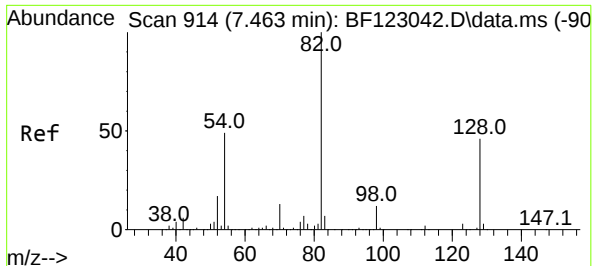
Tgt Ion	70	Resp	198346
Ion Ratio	100	Lower	Upper
42	48.0	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion	136	Resp	947541
Ion Ratio	100	Lower	Upper
137	11.1	8.8	13.2
54	8.1	5.5	8.3
68	6.4	4.6	6.8





#23

Nitrobenzene-d5

Concen: 78.71 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF123081.D

Acq: 29 Jan 2021 14:37

Tgt Ion: 82 Resp: 1481973

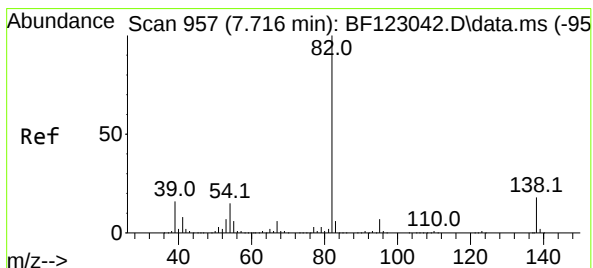
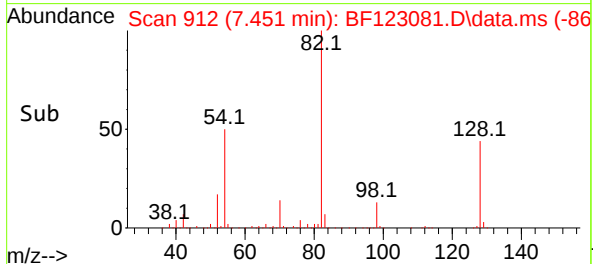
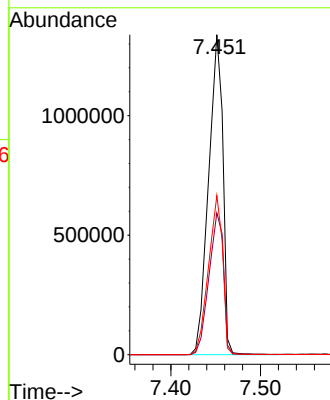
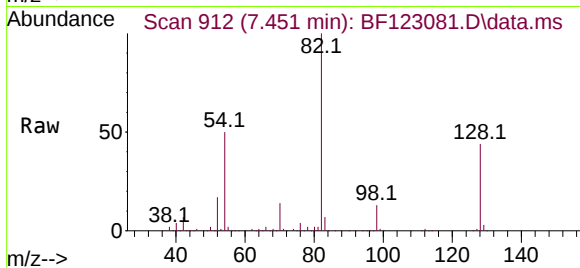
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.4
54	49.7	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

RS-SP1



#25

Isophorone

Concen: 42.75 ng

RT: 7.451 min Scan# 912

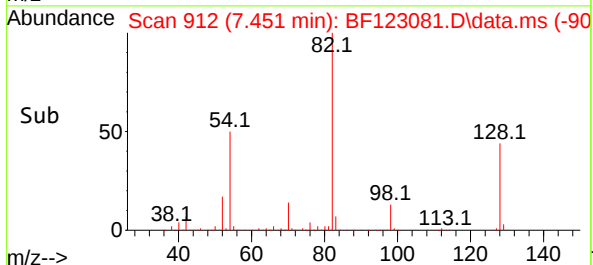
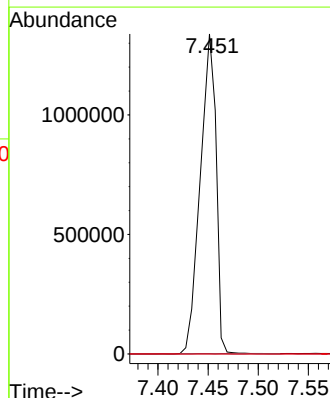
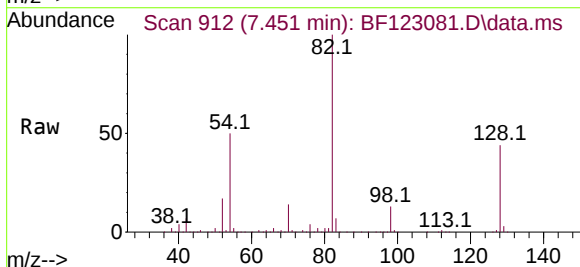
Delta R.T. -0.265 min

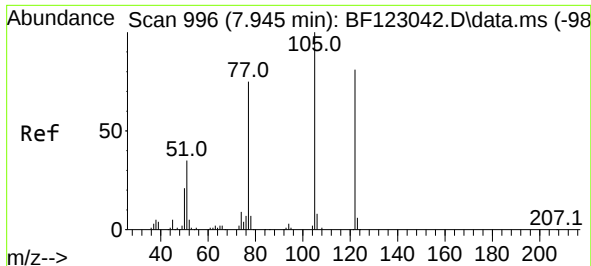
Lab File: BF123081.D

Acq: 29 Jan 2021 14:37

Tgt Ion: 82 Resp: 1474489

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

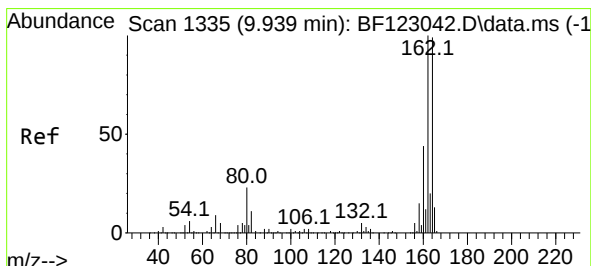
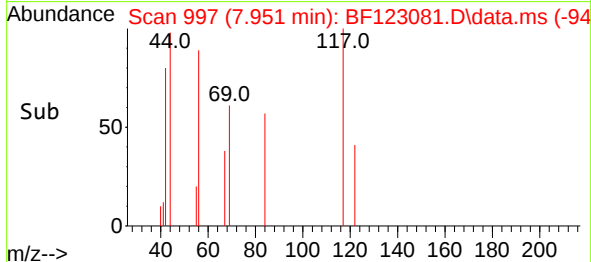
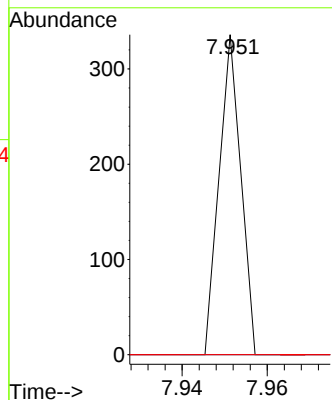
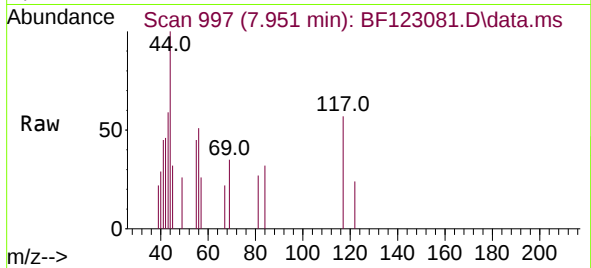




#32
Benzoic acid
Concen: 4.92 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

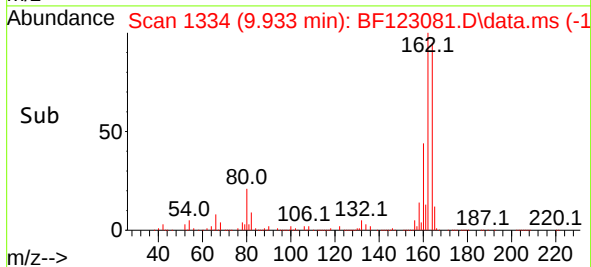
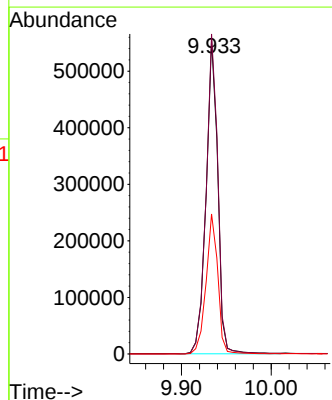
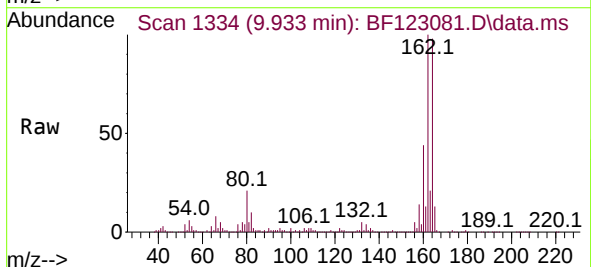
Instrument :
BNA_F
ClientSampled :
RS-SP1

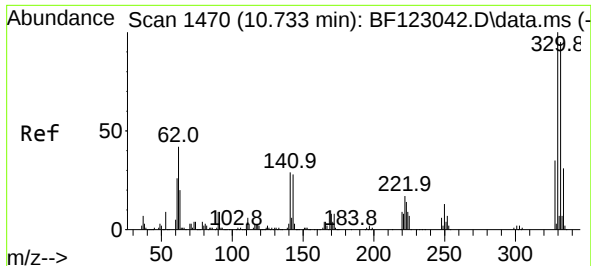
Tgt Ion:122 Resp: 119
Ion Ratio Lower Upper
122 100
105 0.0 104.8 144.8#
77 0.0 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion:164 Resp: 502095
Ion Ratio Lower Upper
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162 102.0 80.8 121.2
160 44.7 35.4 53.0

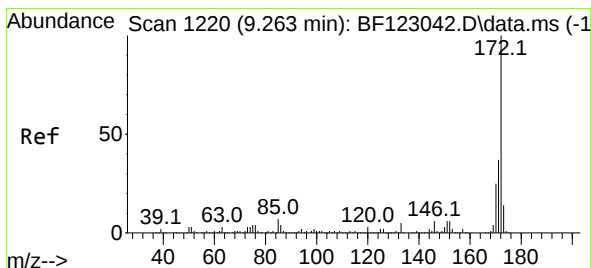
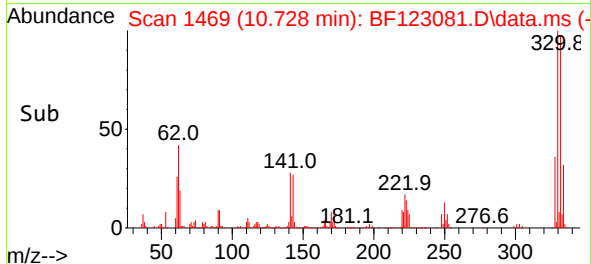
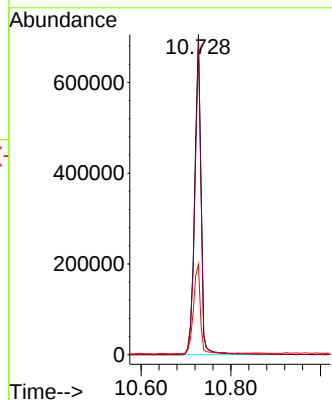
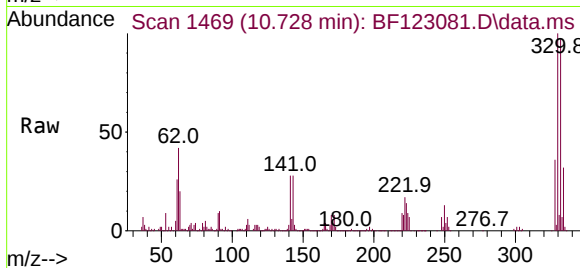




#42
2,4,6-Tribromophenol
Concen: 126.90 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

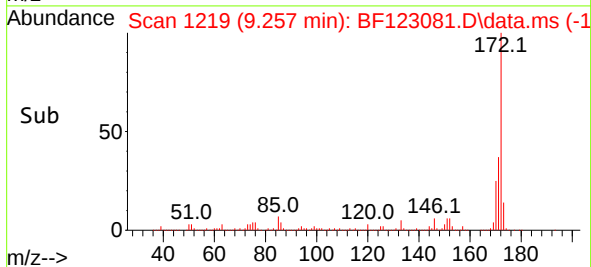
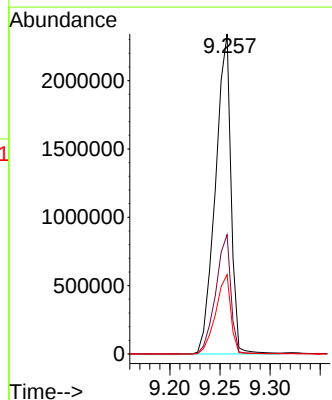
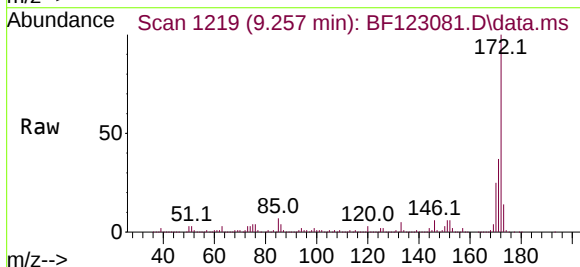
Instrument :
BNA_F
ClientSampleID :
RS-SP1

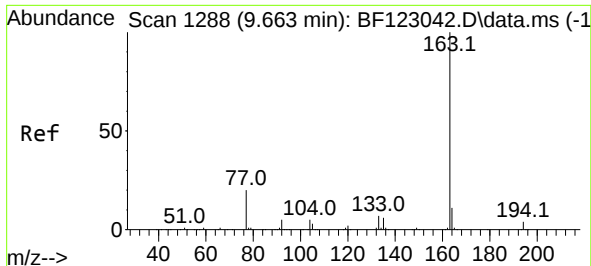
Tgt Ion:330 Resp: 691669
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 30.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 74.83 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion:172 Resp: 2527410
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.8 19.5 29.3

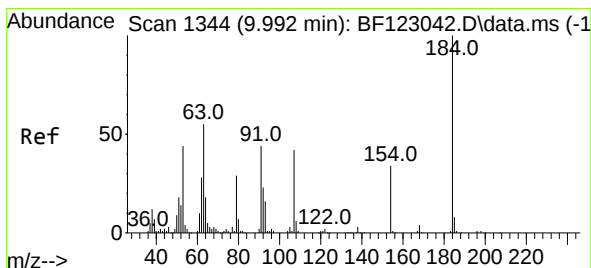
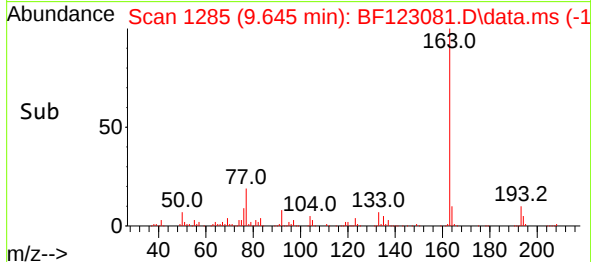
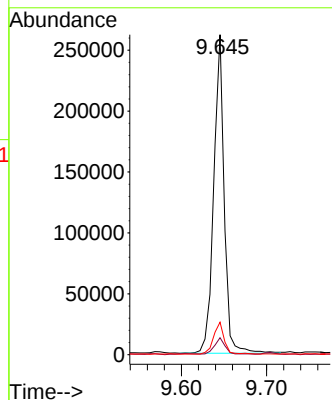
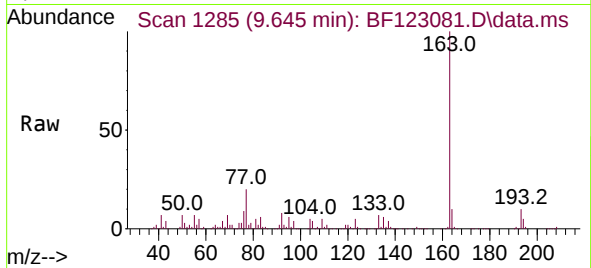




#50
Dimethylphthalate
Concen: 5.67 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

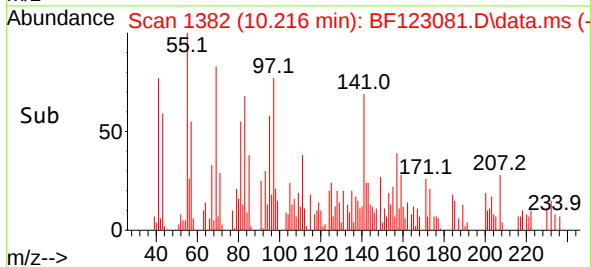
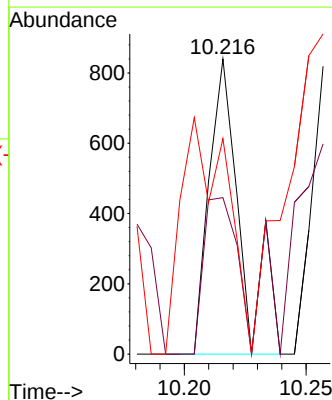
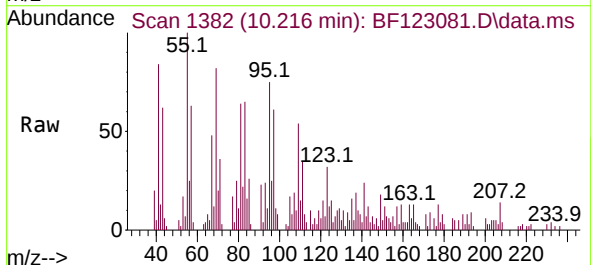
Instrument :
BNA_F
ClientSampleId :
RS-SP1

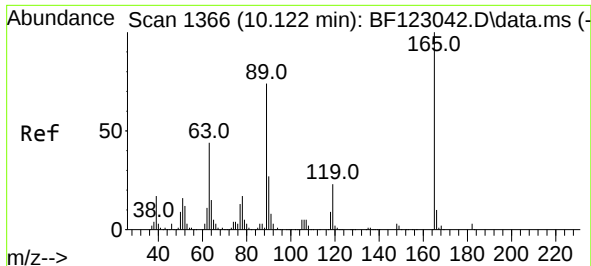
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Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.0#
164 10.2 8.1 12.1



#54
2,4-Dinitrophenol
Concen: 7.03 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.224 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion:184 Resp: 762
Ion Ratio Lower Upper
184 100
63 53.0 51.4 77.2
154 73.0 49.7 74.5

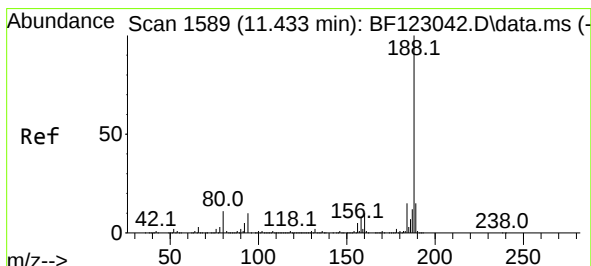
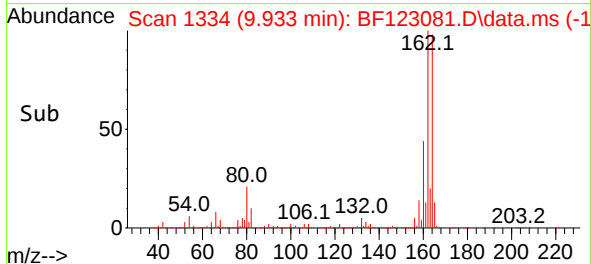
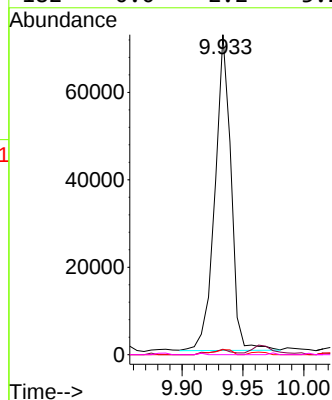
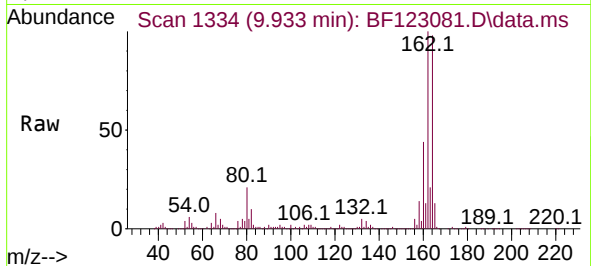




#57
2,4-Dinitrotoluene
Concen: 6.10 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

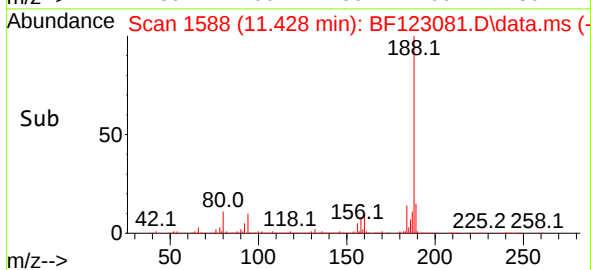
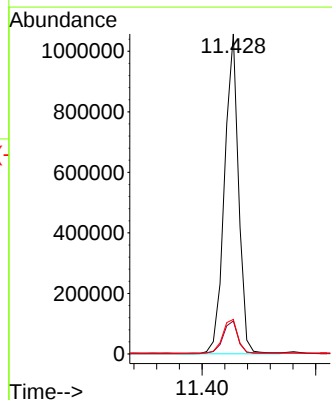
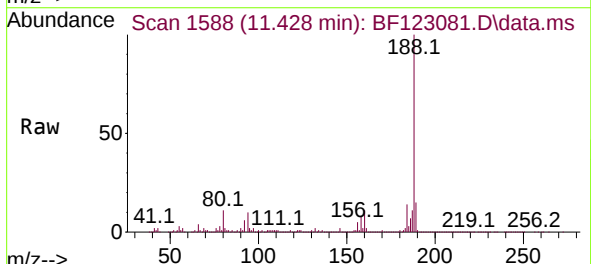
Instrument :
BNA_F
ClientSampleId :
RS-SP1

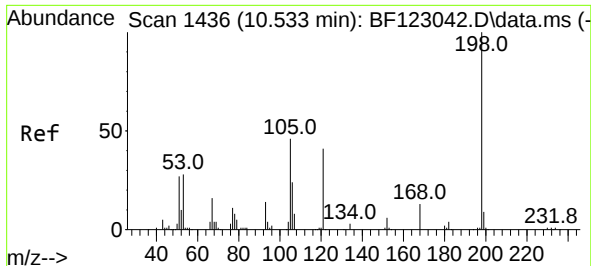
Tgt Ion:165 Resp: 66520
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.428 min Scan# 1588
Delta R.T. -0.005 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion:188 Resp: 912773
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.8 8.2 12.4

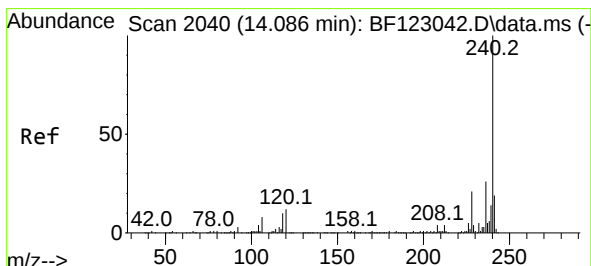
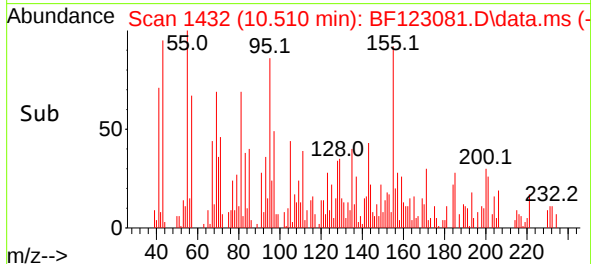
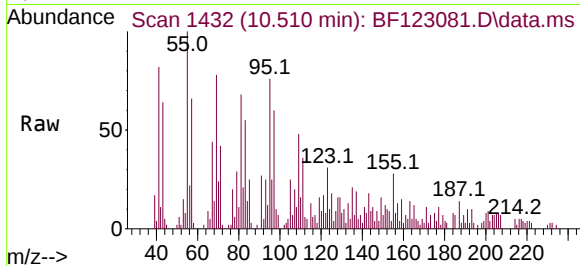




#65
4,6-Dinitro-2-methylphenol
Concen: 5.06 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.023 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

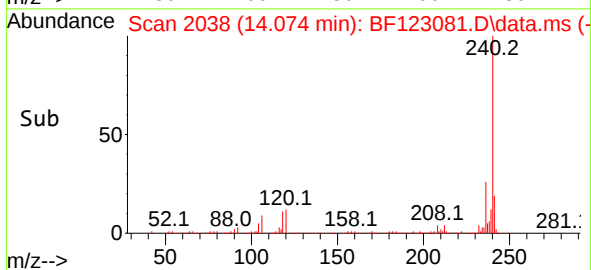
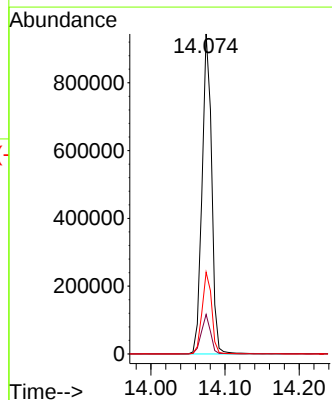
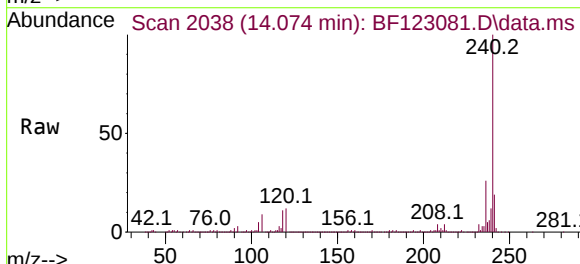
Instrument :
BNA_F
ClientSampled :
RS-SP1

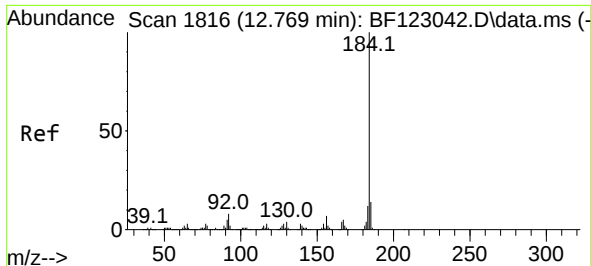
Tgt Ion:198 Resp: 480
Ion Ratio Lower Upper
198 100
51 208.4 20.3 60.3#
105 904.7 23.0 63.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

Tgt Ion:240 Resp: 848418
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 25.6 20.3 30.5

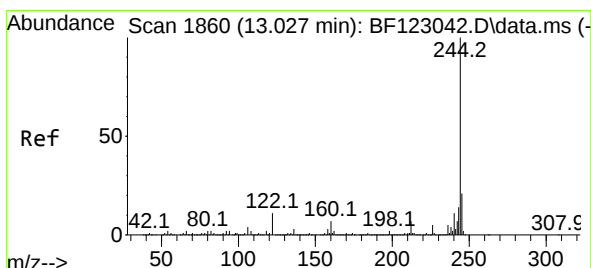
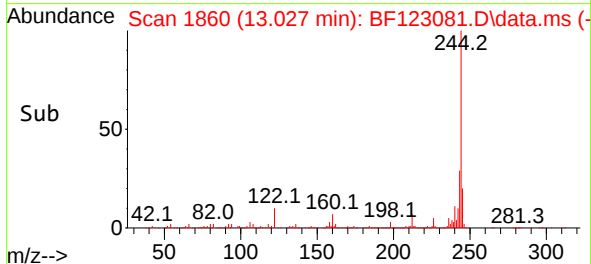
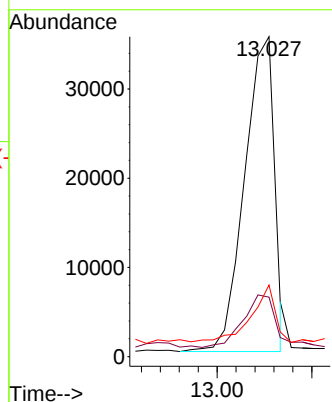
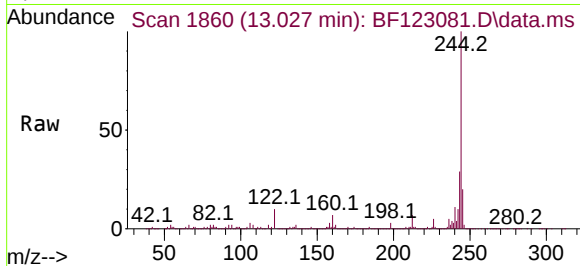




#77
Benzidine
Concen: 2.01 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.259 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

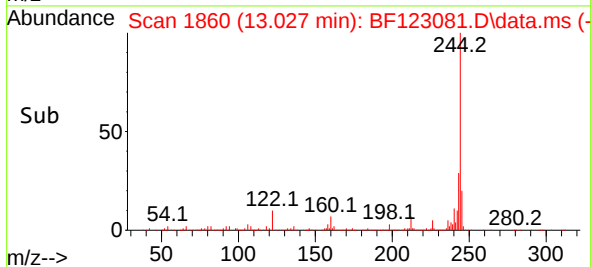
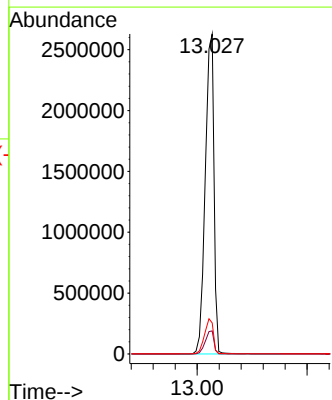
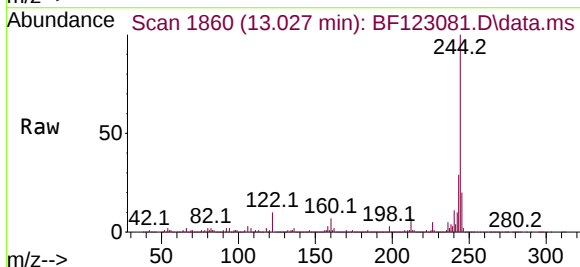
Instrument :
BNA_F
ClientSampled :
RS-SP1

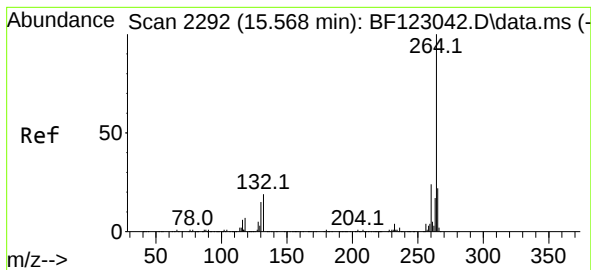
Tgt Ion:184 Resp: 38679
Ion Ratio Lower Upper
184 100
185 18.6 11.8 17.6#
183 22.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 67.01 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF123081.D
Acq: 29 Jan 2021 14:37

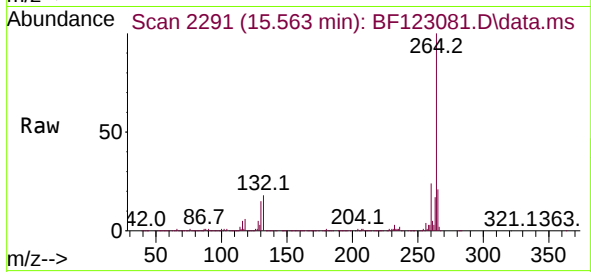
Tgt Ion:244 Resp: 2893608
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.7 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123081.D
 Acq: 29 Jan 2021 14:37

Instrument :
 BNA_F
 ClientSampleId :
 RS-SP1



Tgt Ion:	264	Resp:	733176
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.6	28.0
265	21.0	17.0	25.6

