

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123496.D
 Acq On : 26 Mar 2021 20:35
 Operator : JU/CG
 Sample : M1792-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Mar 26 22:58:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

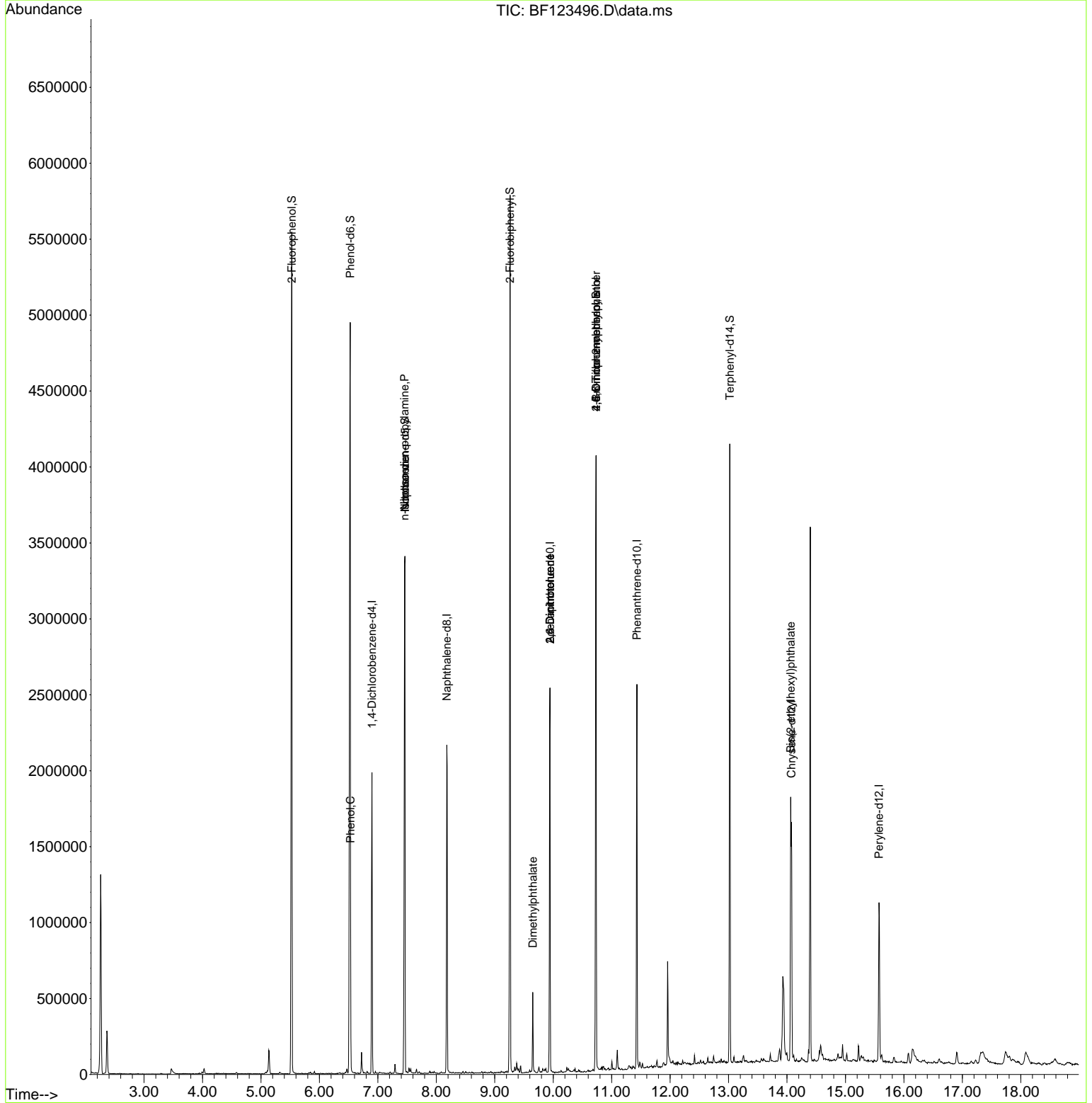
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	261419	20.00	ng	0.00	
21) Naphthalene-d8	8.180	136	968200	20.00	ng	# 0.00	
39) Acenaphthene-d10	9.945	164	525148	20.00	ng	0.00	
64) Phenanthrene-d10	11.433	188	854977	20.00	ng	0.00	
76) Chrysene-d12	14.074	240	502239	20.00	ng	-0.01	
86) Perylene-d12	15.574	264	501023	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1401826	87.73	ng	0.01	
7) Phenol-d6	6.528	99	1757138	82.60	ng	0.00	
23) Nitrobenzene-d5	7.463	82	1183271	65.96	ng	0.00	
42) 2,4,6-Tribromophenol	10.733	330	493265	84.02	ng	0.00	
45) 2-Fluorobiphenyl	9.263	172	1728054	47.01	ng	0.00	
79) Terphenyl-d14	13.021	244	1277213	43.10	ng	0.00	
Target Compounds							
9) Benzaldehyde	6.445	77	1477	Below Cal			Qvalue 91
10) Phenol	6.534	94	66381	3.04	ng		83
19) n-Nitroso-di-n-propyla...	7.457	70	163866	11.91	ng	#	81
25) Isophorone	7.463	82	1180176	30.60	ng	#	65
50) Dimethylphthalate	9.651	163	174415	4.68	ng		99
51) 2,6-Dinitrotoluene	9.945	165	68884	8.84	ng	#	31
57) 2,4-Dinitrotoluene	9.945	165	68884	7.08	ng	#	25
65) 4,6-Dinitro-2-methylph...	10.733	198	1111	5.34	ng	#	1
67) 4-Bromophenyl-phenylether	10.733	248	28340	2.80	ng	#	1
84) Bis(2-ethylhexyl)phtha...	14.062	149	374548	17.71	ng		98

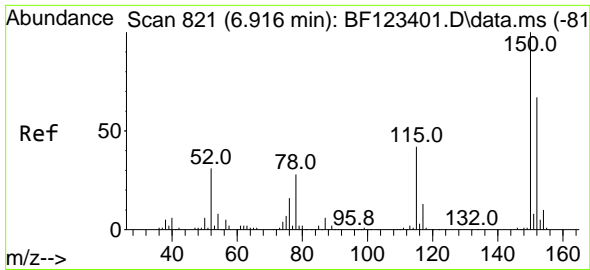
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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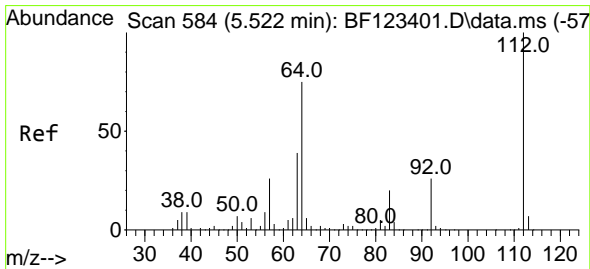
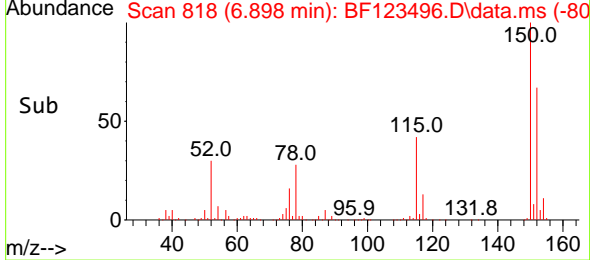
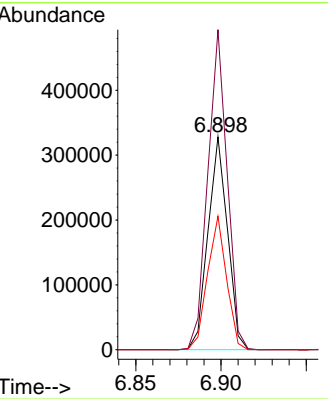
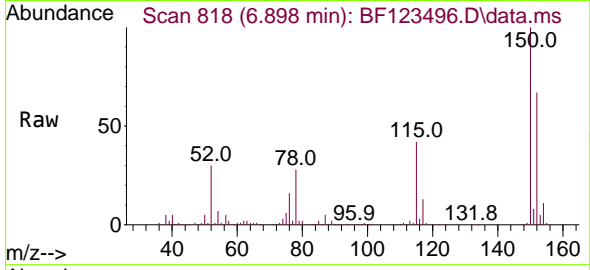


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.898 min Scan# 818
 Delta R.T. 0.000 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion:152 Resp: 261419

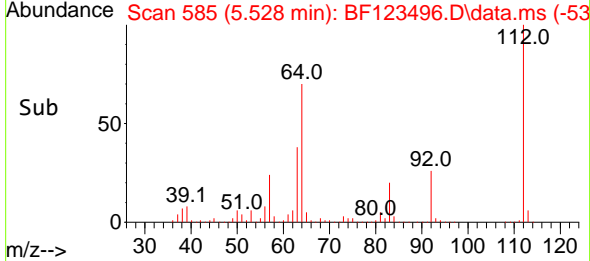
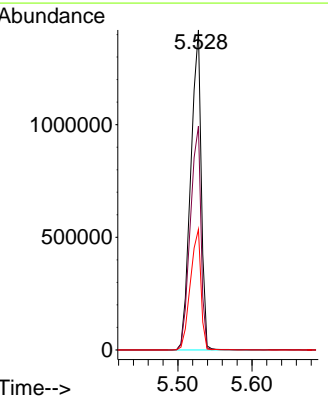
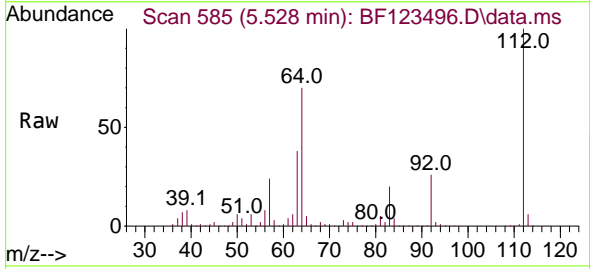
Ion	Ratio	Lower	Upper
152	100		
150	150.4	125.8	188.6
115	62.7	49.3	73.9

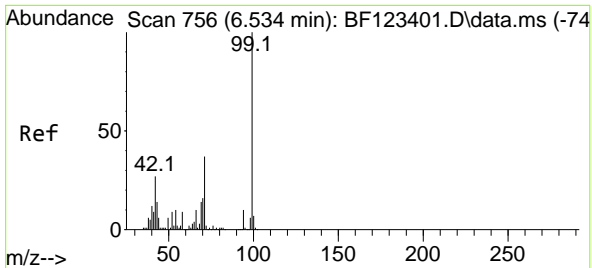


#5
 2-Fluorophenol
 Concen: 87.73 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.012 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Tgt Ion:112 Resp: 1401826

Ion	Ratio	Lower	Upper
112	100		
64	70.0	46.9	70.3
63	37.7	24.5	36.7

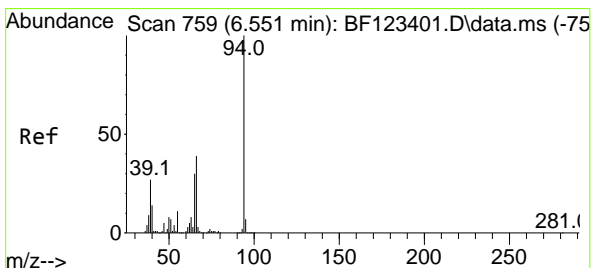
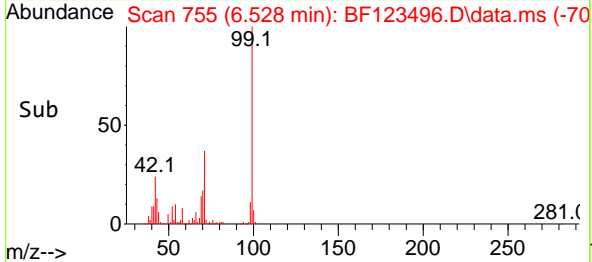
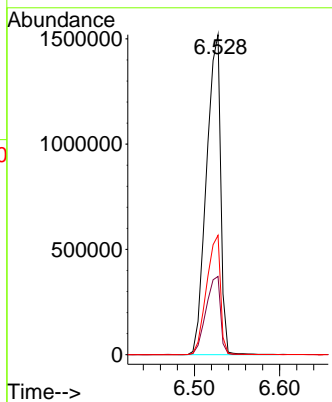
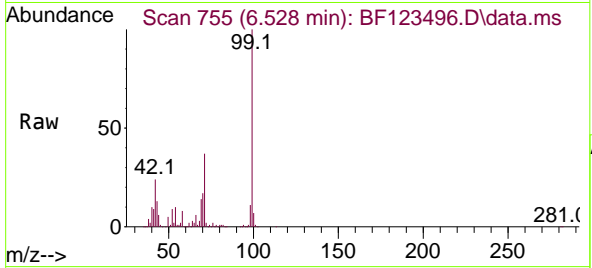




#7
 Phenol-d6
 Concen: 82.60 ng
 RT: 6.528 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

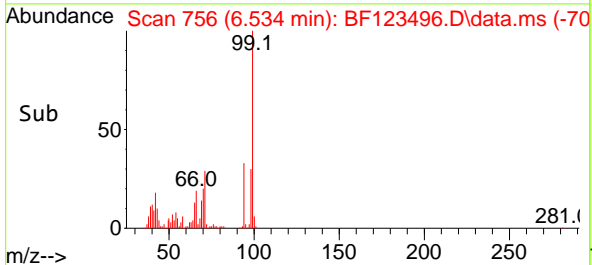
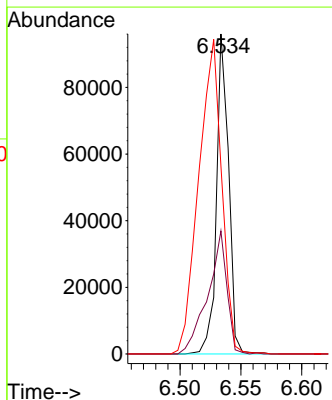
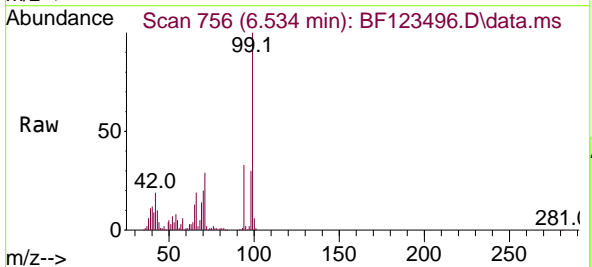
Instrument :
 BNA_F
 ClientSampled :
 TP-5

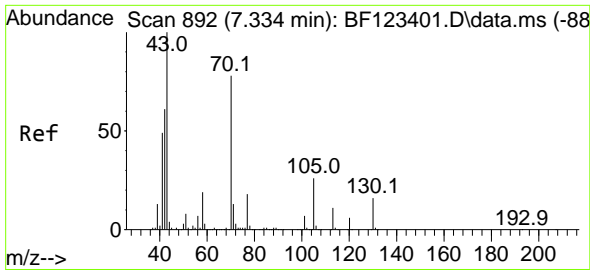
Tgt Ion	Resp	Lower	Upper
99	1757138		
99	100		
42	24.5	13.8	20.6#
71	37.3	26.9	40.3



#10
 Phenol
 Concen: 3.04 ng
 RT: 6.534 min Scan# 756
 Delta R.T. -0.006 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

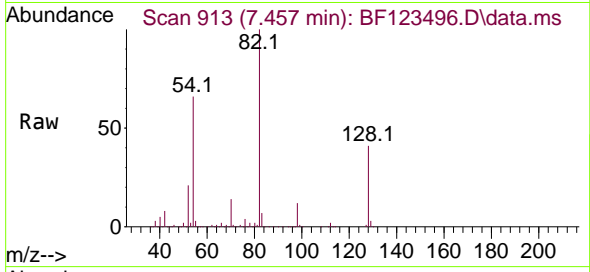
Tgt Ion	Resp	Lower	Upper
94	66381		
94	100		
65	38.4	11.2	51.2
66	58.8	25.8	65.8





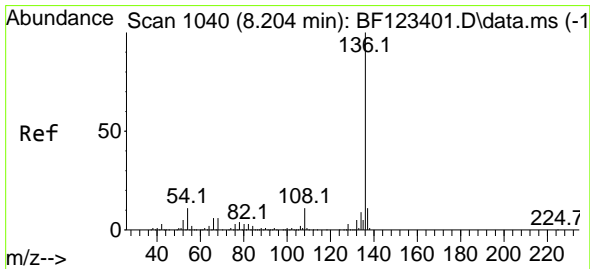
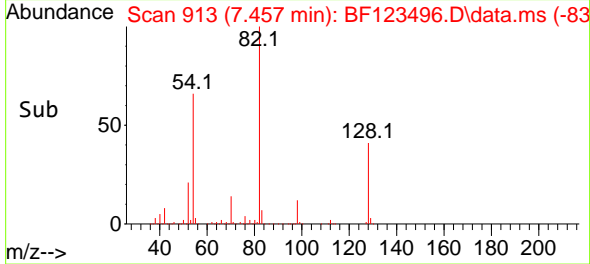
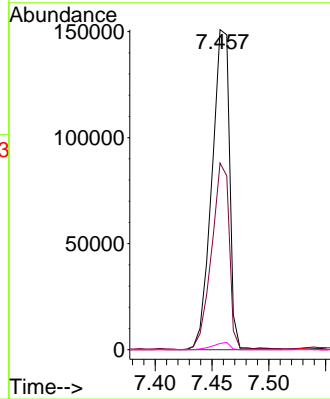
#19
 n-Nitroso-di-n-propylamine
 Concen: 11.91 ng
 RT: 7.457 min Scan# 913
 Delta R.T. 0.141 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Instrument :
 BNA_F
 ClientSampled :
 TP-5



Tgt Ion: 70 Resp: 163866

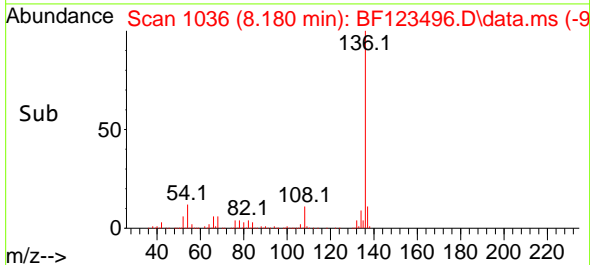
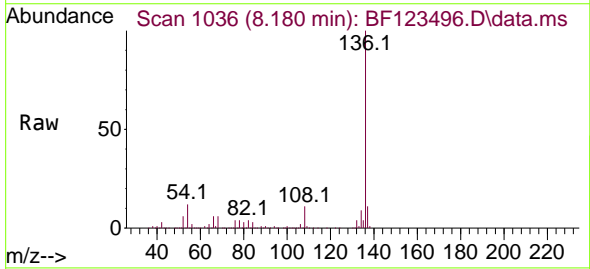
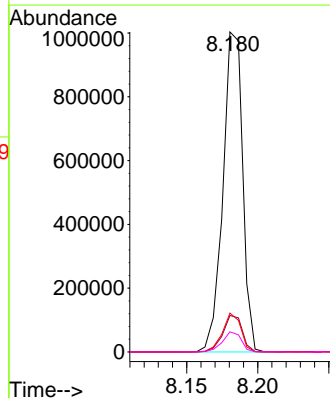
Ion	Ratio	Lower	Upper
70	100		
42	58.3	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#

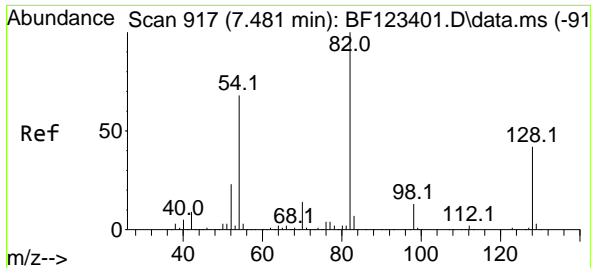


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.180 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Tgt Ion: 136 Resp: 968200

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.2	5.5	8.3#
68	6.3	4.6	6.8



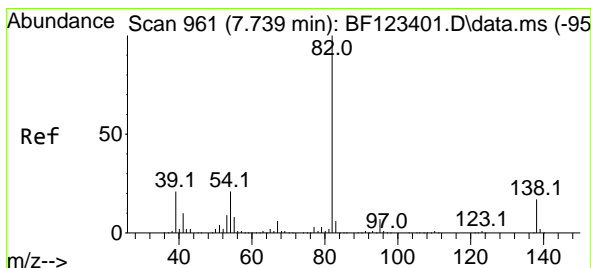
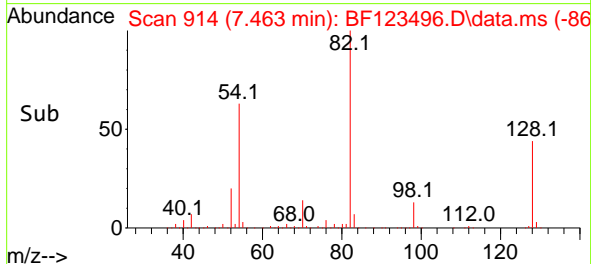
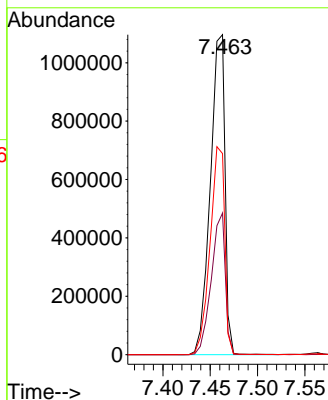
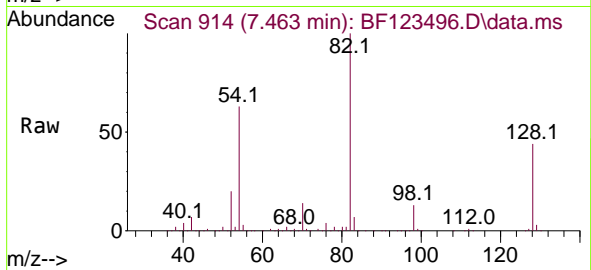


#23
 Nitrobenzene-d5
 Concen: 65.96 ng
 RT: 7.463 min Scan# 914
 Delta R.T. 0.000 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion: 82 Resp: 1183271

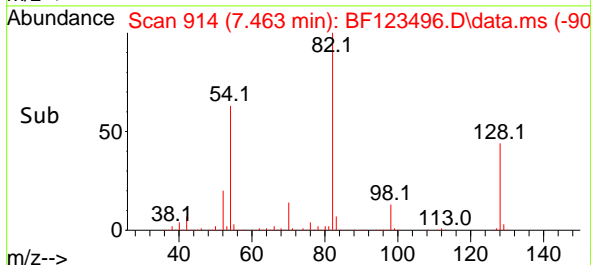
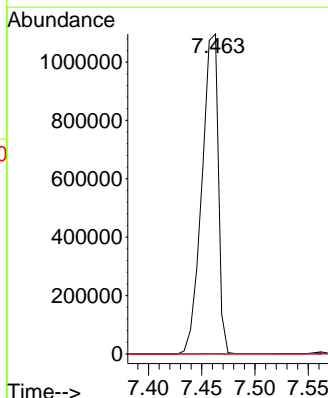
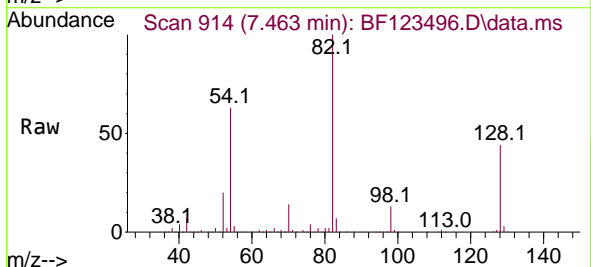
Ion	Ratio	Lower	Upper
82	100		
128	44.3	37.0	55.4
54	62.8	38.4	57.6#

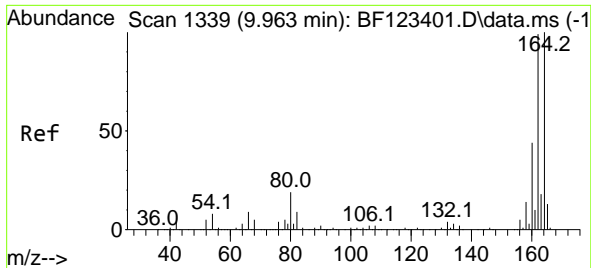


#25
 Isophorone
 Concen: 30.60 ng
 RT: 7.463 min Scan# 914
 Delta R.T. -0.259 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Tgt Ion: 82 Resp: 1180176

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

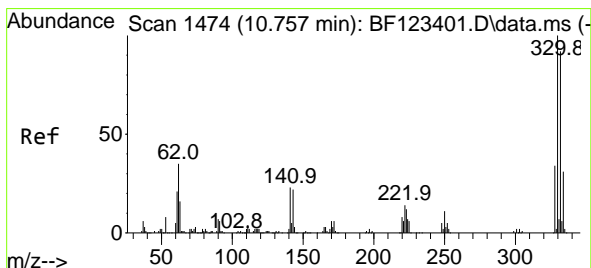
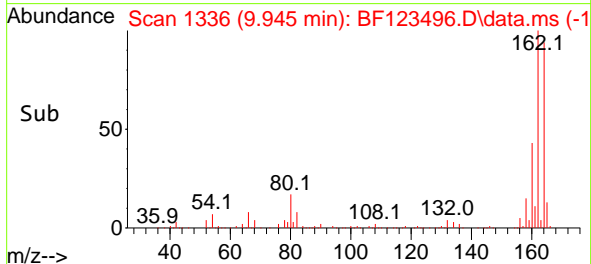
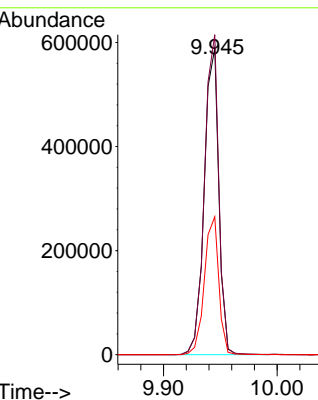
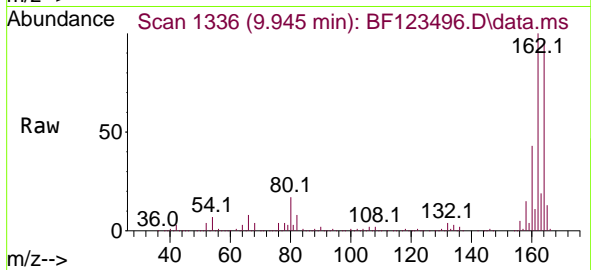




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. 0.000 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

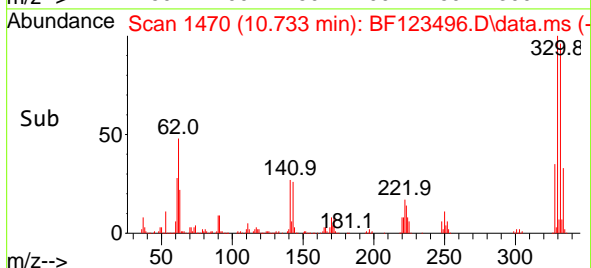
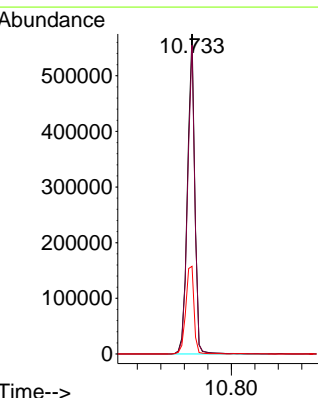
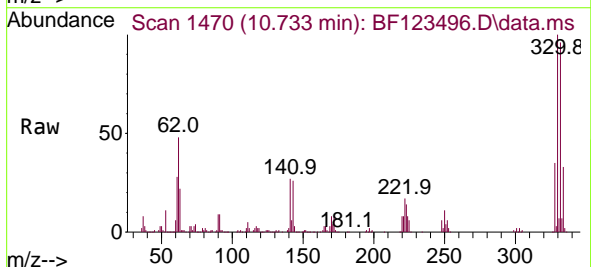
Instrument :
 BNA_F
 ClientSampled :
 TP-5

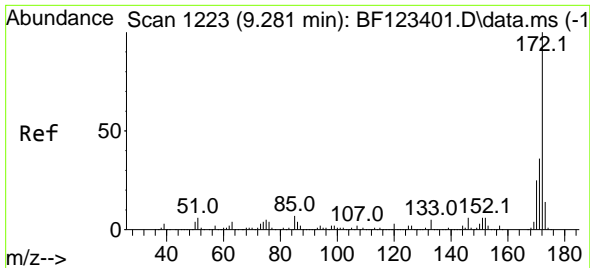
Tgt Ion	Resp	Lower	Upper
164	100		
162	104.4	80.8	121.2
160	45.0	35.4	53.0



#42
 2,4,6-Tribromophenol
 Concen: 84.02 ng
 RT: 10.733 min Scan# 1470
 Delta R.T. -0.006 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

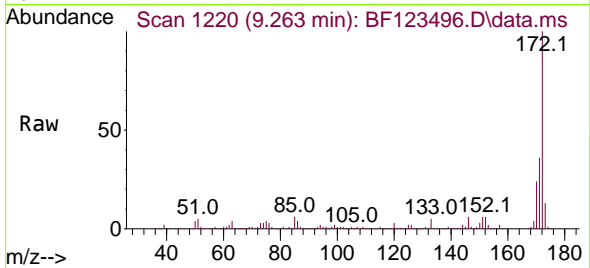
Tgt Ion	Resp	Lower	Upper
330	100		
332	96.1	77.5	116.3
141	31.1	23.8	35.8



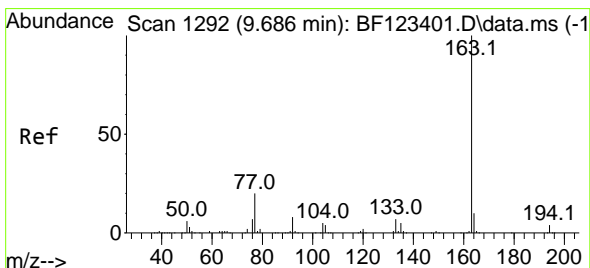
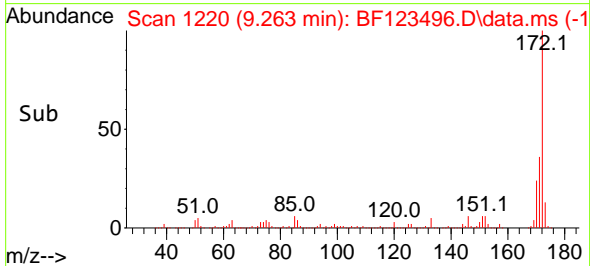
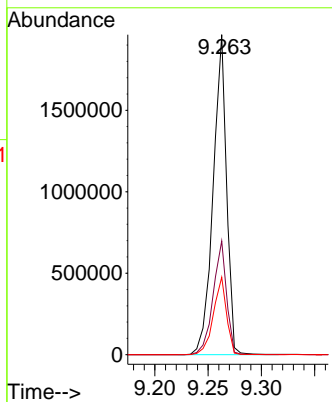


#45
 2-Fluorobiphenyl
 Concen: 47.01 ng
 RT: 9.263 min Scan# 1220
 Delta R.T. 0.000 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

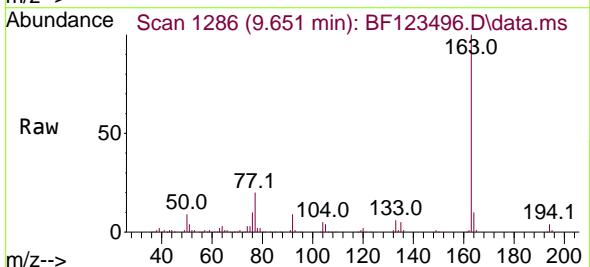
Instrument :
 BNA_F
 ClientSampled :
 TP-5



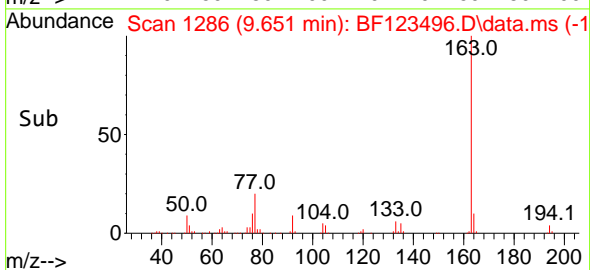
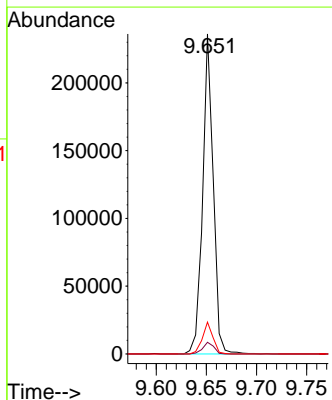
Tgt Ion:172 Resp: 1728054
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.2 19.5 29.3

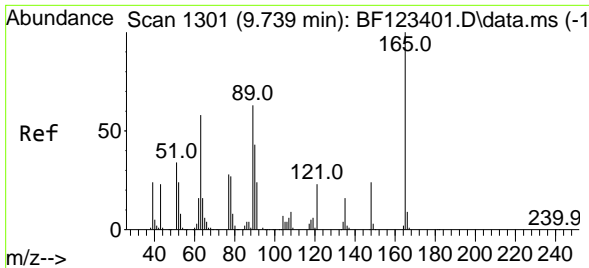


#50
 Dimethylphthalate
 Concen: 4.68 ng
 RT: 9.651 min Scan# 1286
 Delta R.T. -0.012 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35



Tgt Ion:163 Resp: 174415
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.4 5.0
 164 9.9 8.1 12.1



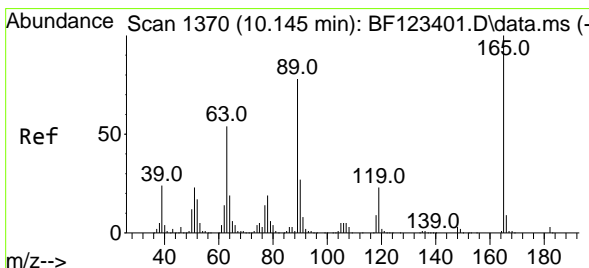
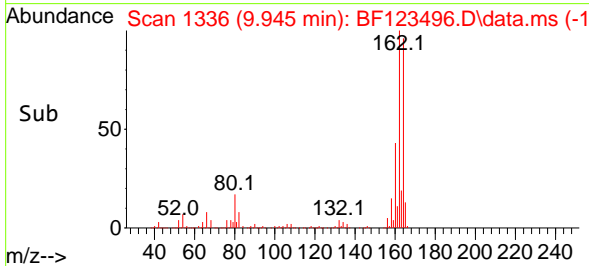
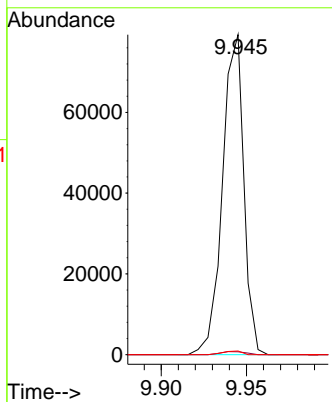
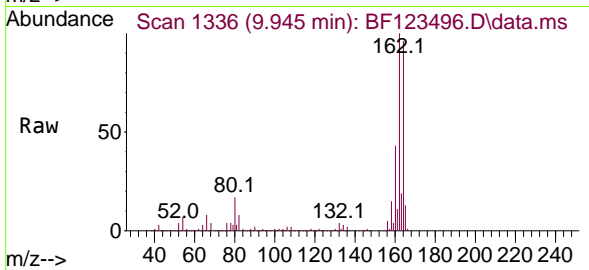


#51
 2,6-Dinitrotoluene
 Concen: 8.84 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. 0.218 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Instrument :
 BNA_F
ClientSampled :
 TP-5

Tgt Ion:165 Resp: 68884

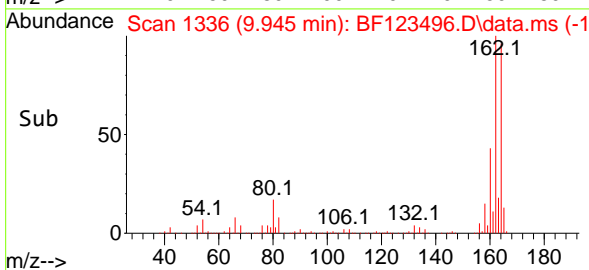
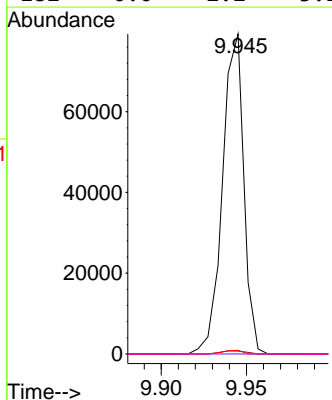
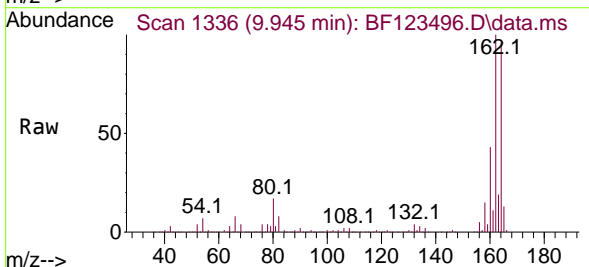
Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.6	55.0#
89	1.1	39.4	59.0#

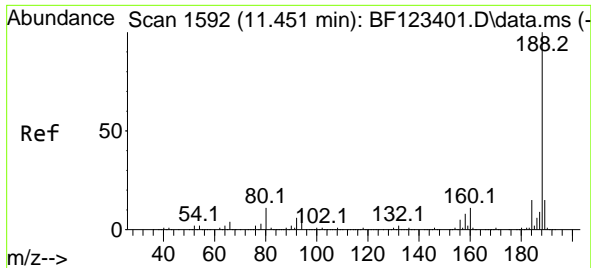


#57
 2,4-Dinitrotoluene
 Concen: 7.08 ng
 RT: 9.945 min Scan# 1336
 Delta R.T. -0.182 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Tgt Ion:165 Resp: 68884

Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.3	51.5#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#

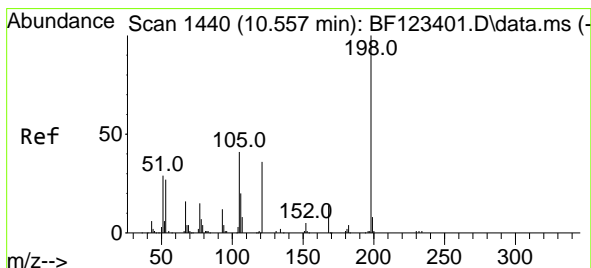
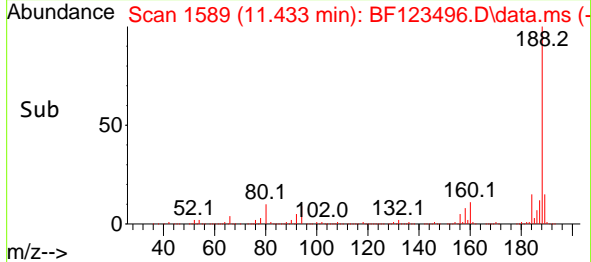
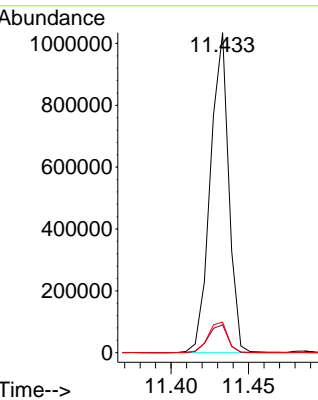
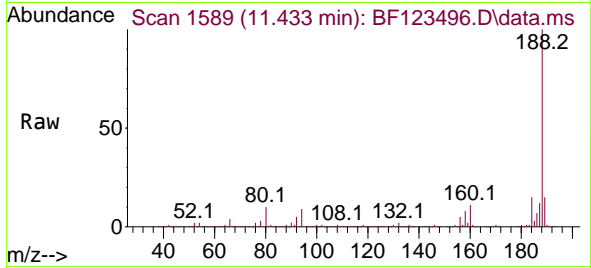




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.433 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

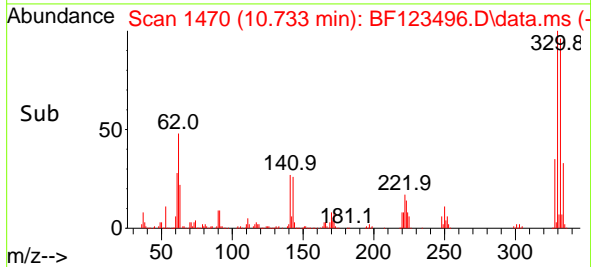
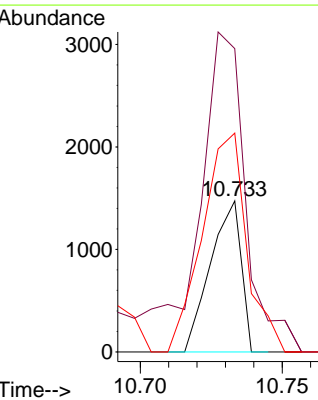
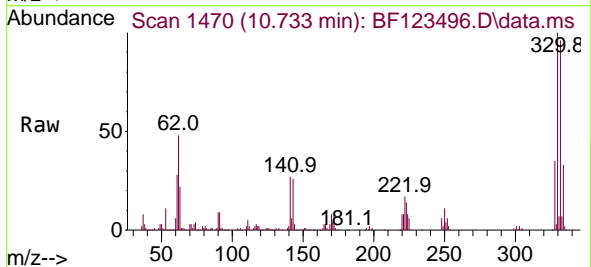
Instrument :
 BNA_F
 ClientSampled :
 TP-5

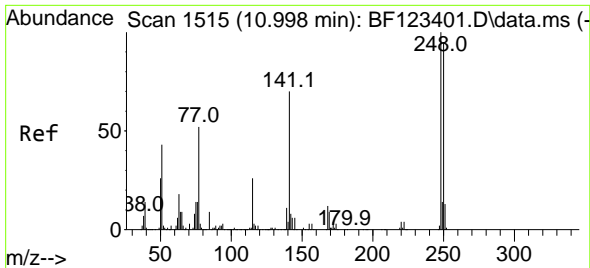
Tgt Ion	Resp	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	9.5	8.2	12.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.34 ng
 RT: 10.733 min Scan# 1470
 Delta R.T. 0.194 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Tgt Ion	Resp	Lower	Upper
198	100		
51	200.9	20.3	60.3#
105	144.9	23.0	63.0#

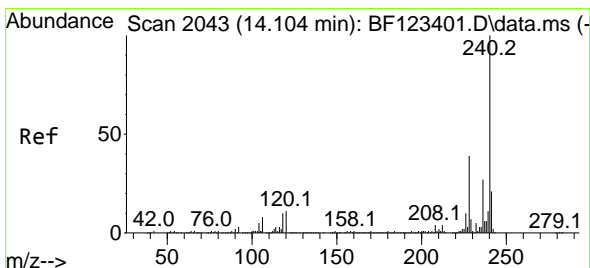
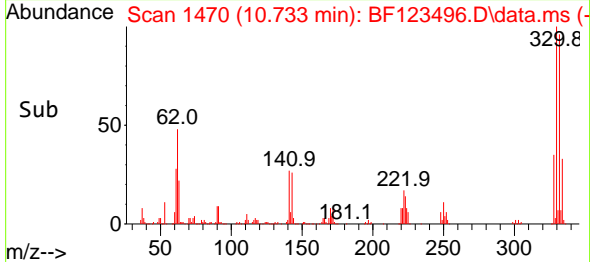
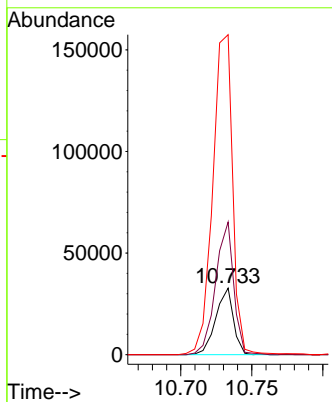
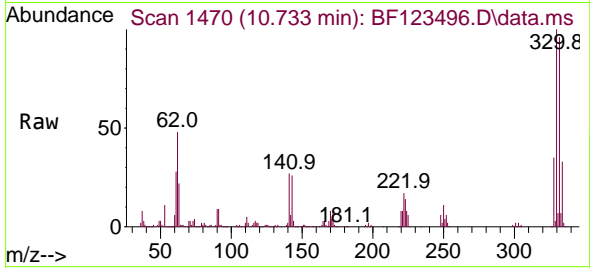




#67
 4-Bromophenyl-phenylether
 Concen: 2.80 ng
 RT: 10.733 min Scan# 1470
 Delta R.T. -0.247 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

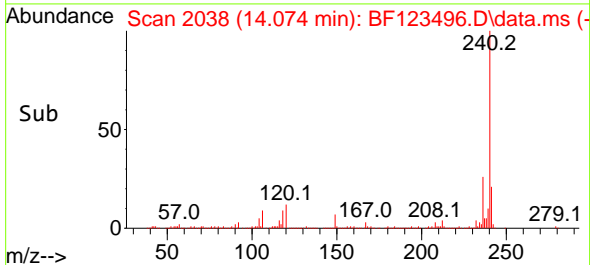
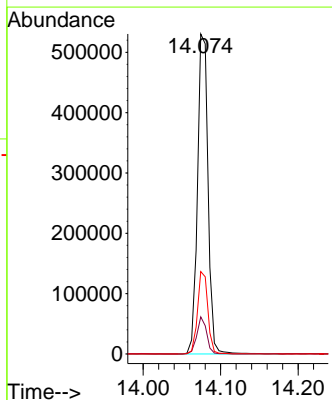
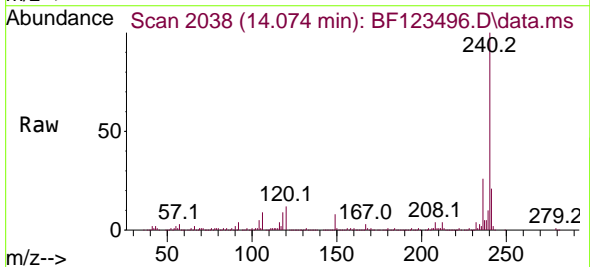
Instrument :
 BNA_F
 ClientSampled :
 TP-5

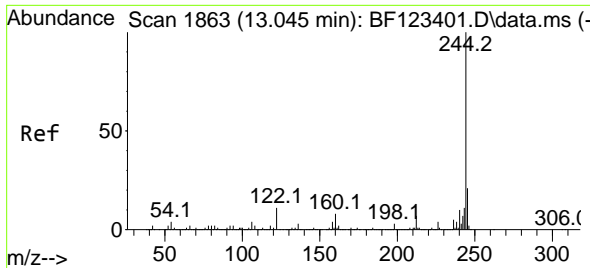
Tgt Ion	Resp	Lower	Upper
248	100		
250	199.3	76.8	115.2#
141	481.0	59.8	89.8#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.074 min Scan# 2038
 Delta R.T. -0.012 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Tgt Ion	Resp	Lower	Upper
240	100		
120	11.6	8.6	12.8
236	25.7	20.3	30.5



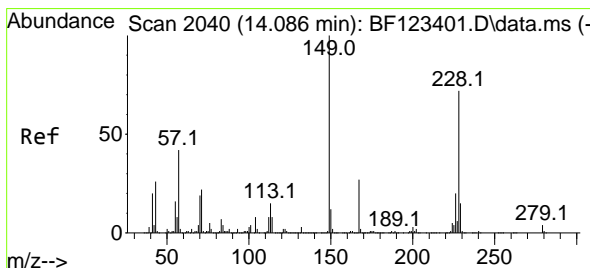
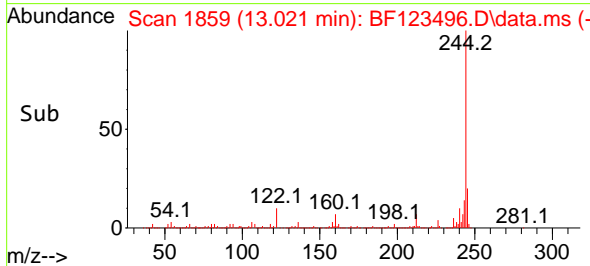
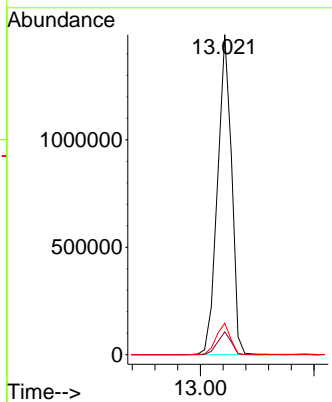
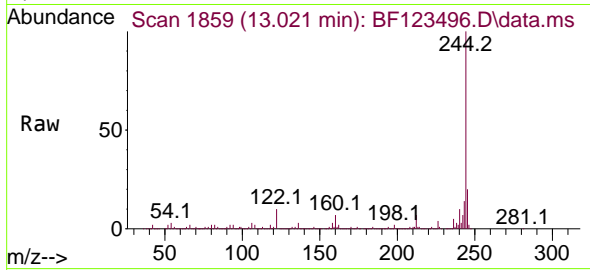


#79
 Terphenyl-d14
 Concen: 43.10 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.006 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Instrument :
 BNA_F
 ClientSampled :
 TP-5

Tgt Ion:244 Resp: 1277213

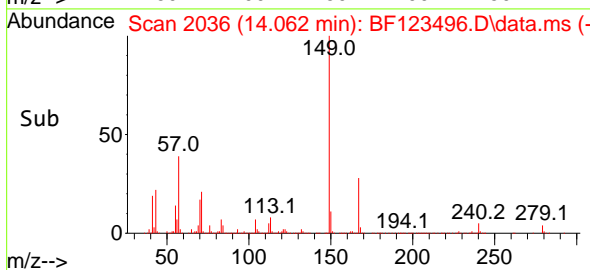
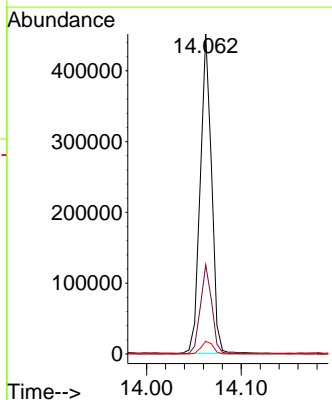
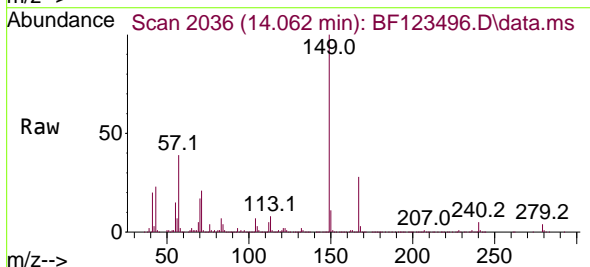
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	9.9	8.3	12.5

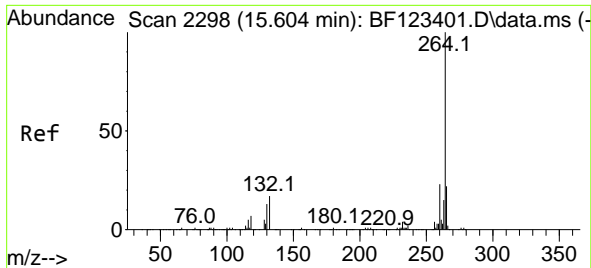


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 17.71 ng
 RT: 14.062 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF123496.D
 Acq: 26 Mar 2021 20:35

Tgt Ion:149 Resp: 374548

Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.4	32.2
279	4.0	3.4	5.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.574 min Scan# 2293

Delta R.T. -0.006 min

Lab File: BF123496.D

Acq: 26 Mar 2021 20:35

Instrument :
BNA_F
ClientSampled :
TP-5

Tgt Ion:264 Resp: 501023

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 20.9 17.0 25.6

