

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123440.D
 Acq On : 24 Mar 2021 15:41
 Operator : JU/CG
 Sample : M1770-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Quant Time: Mar 24 16:24:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 24 12:51:15 2021
 Response via : Initial Calibration

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

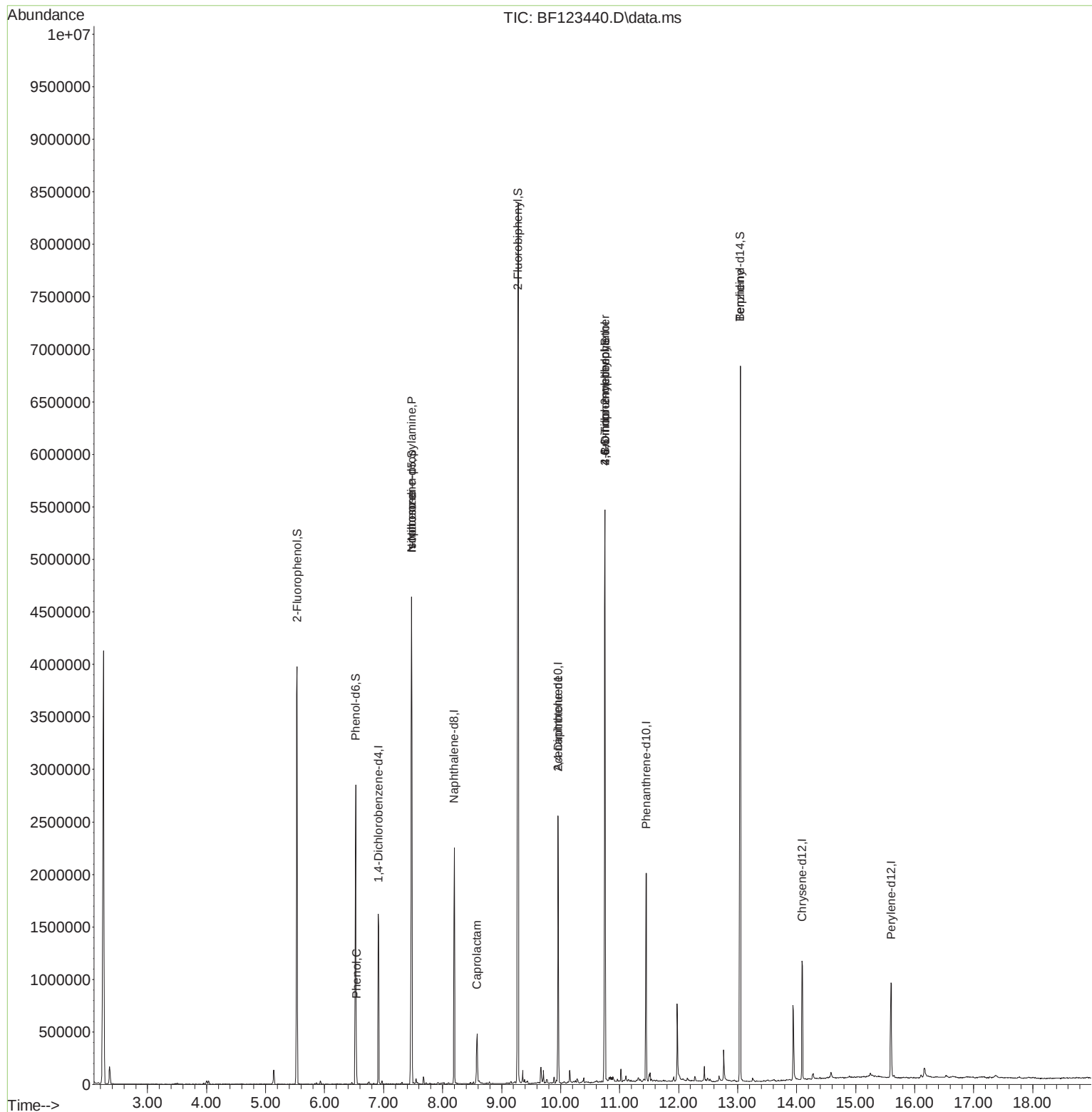
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	233949	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	884426	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	483618	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	747404	20.00	ng	0.00
76) Chrysene-d12	14.098	240	410654	20.00	ng	-0.01
86) Perylene-d12	15.604	264	450073	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	994753	69.56	ng	0.00
7) Phenol-d6	6.528	99	789635	41.48	ng	-0.01
23) Nitrobenzene-d5	7.475	82	1556720	95.00	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	666648	123.30	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2680932	79.20	ng	0.00
79) Terphenyl-d14	13.045	244	2205362	91.01	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	318	Below Cal		91
10) Phenol	6.539	94	67189	3.44	ng	93
19) n-Nitroso-di-n-propyla...	7.475	70	215032	17.46	ng	# 79
25) Isophorone	7.475	82	1539682	43.70	ng	# 65
35) Caprolactam	8.586	113	46920	11.04	ng	# 52
57) 2,4-Dinitrotoluene	9.957	165	62810	7.01	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.751	198	1236	5.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	39835	4.50	ng	# 1
77) Benzidine	13.045	184	29463	2.41	ng	99

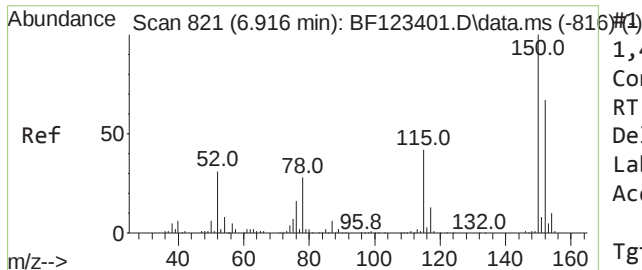
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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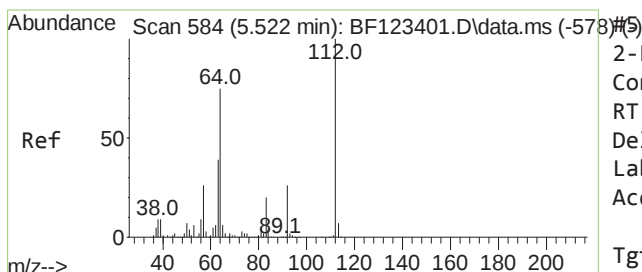
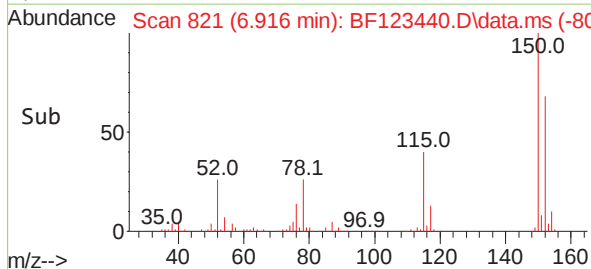
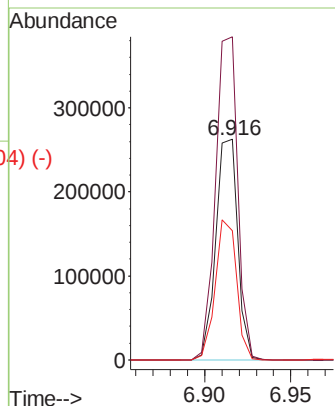
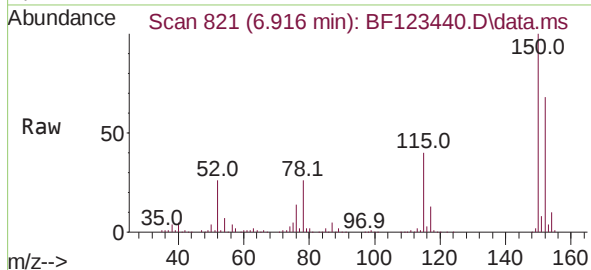




1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

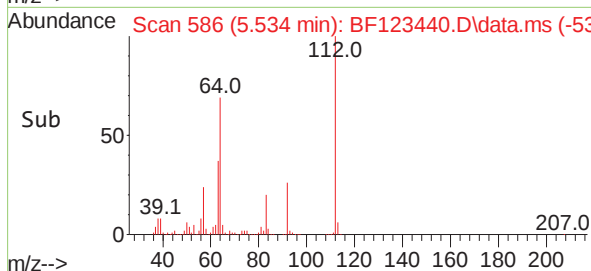
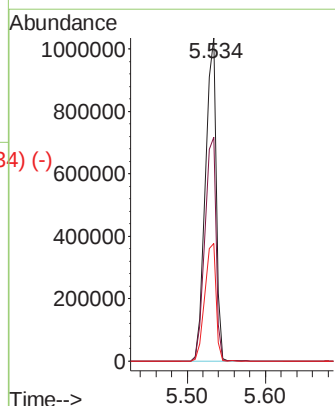
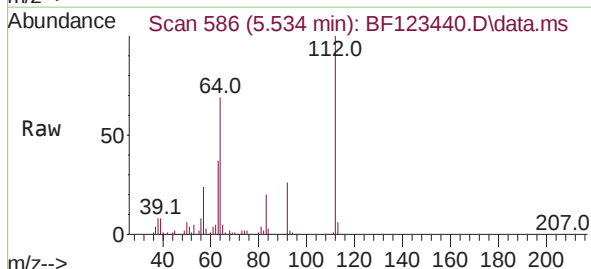
Instrument :
BNA_F
ClientSampleId :
MW-105D

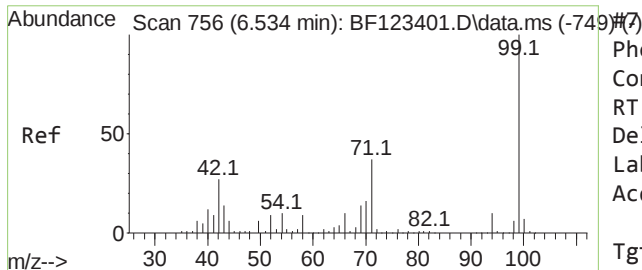
Tgt Ion:152 Resp: 233949
Ion Ratio Lower Upper
152 100
150 146.4 125.8 188.6
115 58.4 49.3 73.9



2-Fluorophenol
Concen: 69.56 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion:112 Resp: 994753
Ion Ratio Lower Upper
112 100
64 69.2 46.9 70.3
63 36.5 24.5 36.7

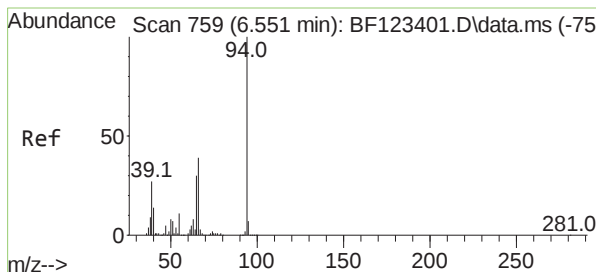
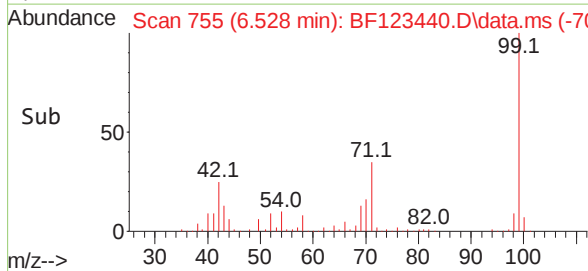
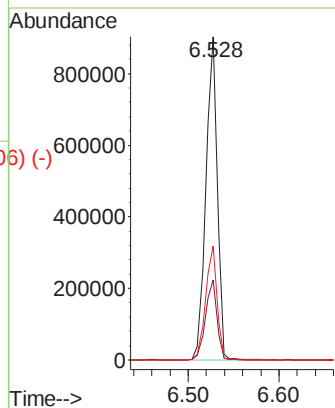
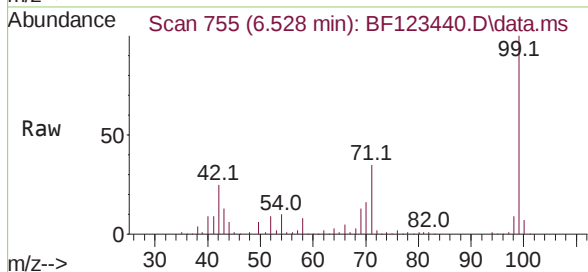




Phenol-d6
 Concen: 41.48 ng
 RT: 6.528 min Scan# 755
 Delta R.T. -0.012 min
 Lab File: BF123440.D
 Acq: 24 Mar 2021 15:41

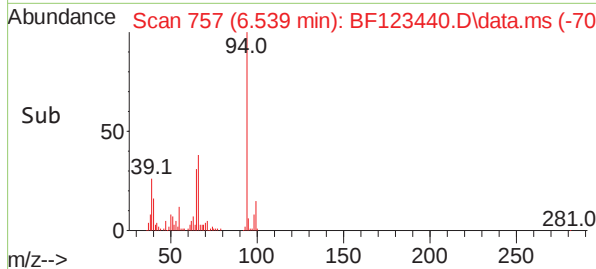
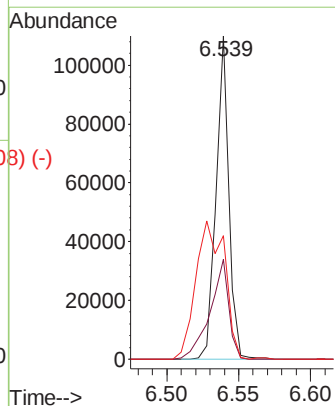
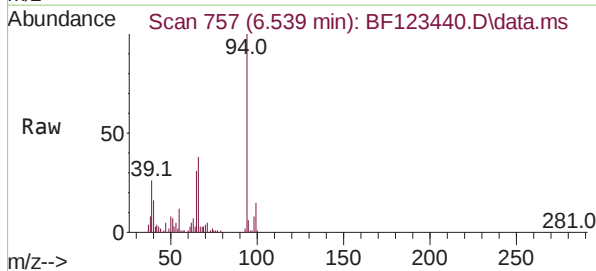
Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Tgt Ion: 99 Resp: 789635
 Ion Ratio Lower Upper
 99 100
 42 24.7 13.8 20.6#
 71 35.2 26.9 40.3

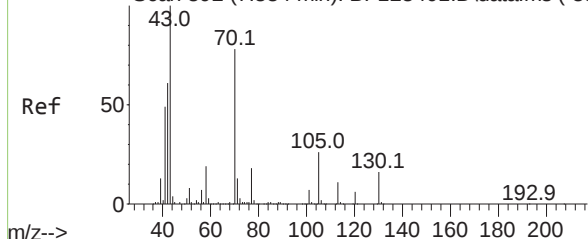


Phenol
 Concen: 3.44 ng
 RT: 6.539 min Scan# 757
 Delta R.T. -0.012 min
 Lab File: BF123440.D
 Acq: 24 Mar 2021 15:41

Tgt Ion: 94 Resp: 67189
 Ion Ratio Lower Upper
 94 100
 65 30.8 11.2 51.2
 66 38.2 25.8 65.8



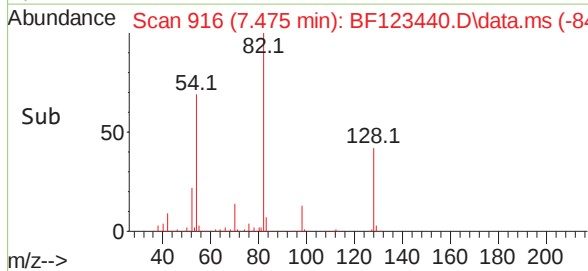
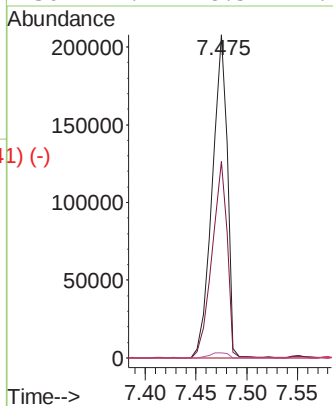
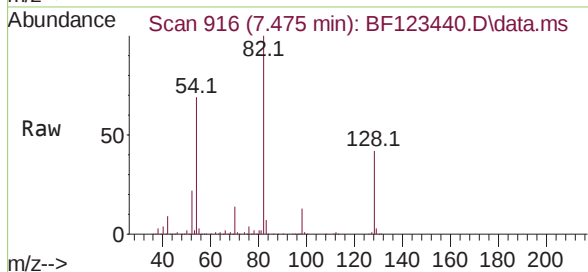
Abundance Scan 892 (7.334 min): BF123401.D\data.ms (-884) (-)



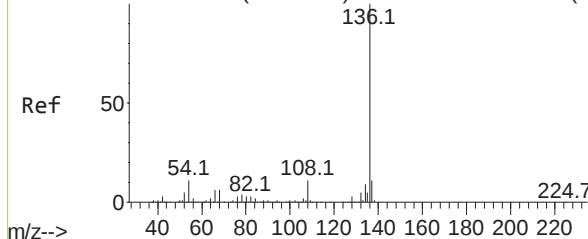
#19
n-Nitroso-di-n-propylamine
Concen: 17.46 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion: 70 Resp: 215032
Ion Ratio Lower Upper
70 100
42 60.8 43.0 64.4
101 0.0 7.9 11.9#
130 1.7 18.5 27.7#

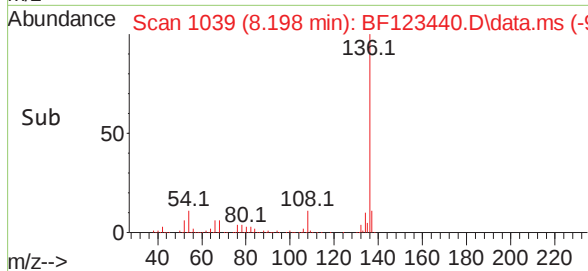
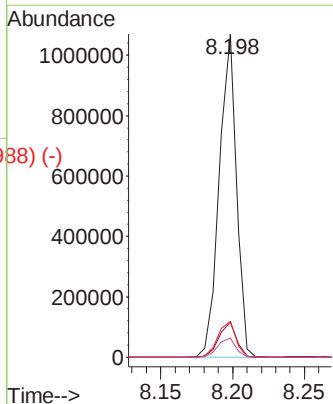
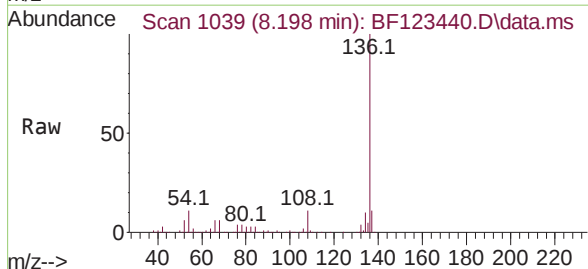


Abundance Scan 1040 (8.204 min): BF123401.D\data.ms (-1039) (-)



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

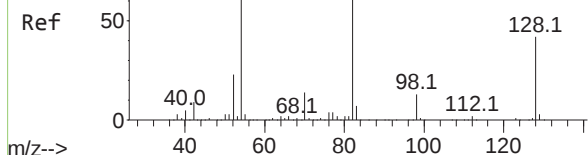
Tgt Ion: 136 Resp: 884426
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.0 5.5 8.3#
68 5.9 4.6 6.8



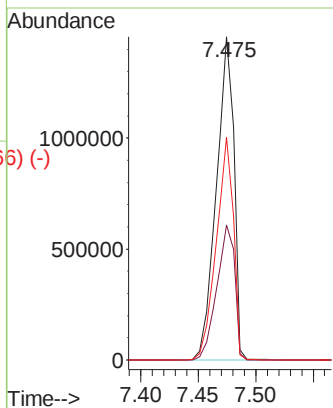
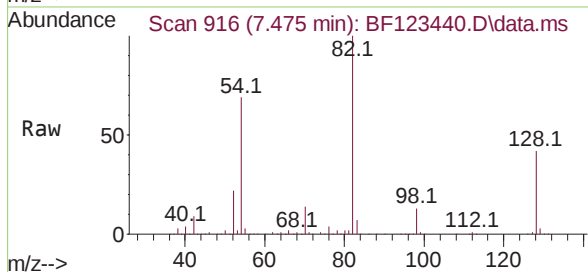
Abundance Scan 917 (7.481 min): BF123401.D\data.ms (-911) #23

Nitrobenzene-d5
Concen: 95.00 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

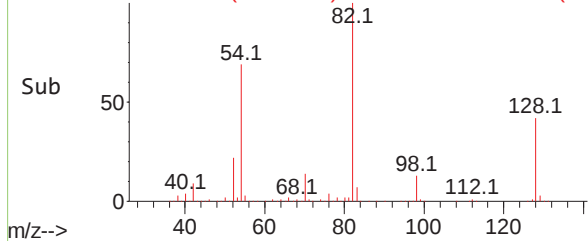
Instrument :
BNA_F
ClientSampleId :
MW-105D



Tgt Ion:	82	Resp:	1556720
Ion	Ratio	Lower	Upper
82	100		
128	41.7	37.0	55.4
54	68.9	38.4	57.6#



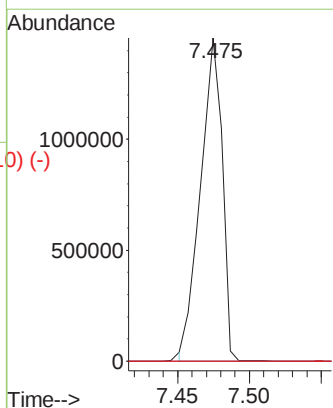
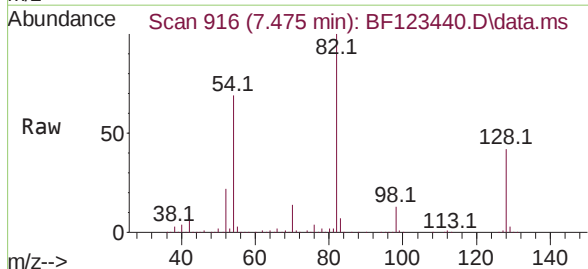
Abundance Scan 916 (7.475 min): BF123440.D\data.ms (-866) (-)



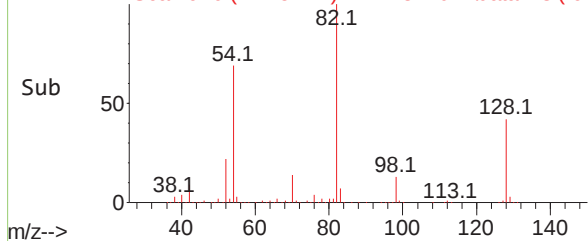
Abundance Scan 961 (7.739 min): BF123401.D\data.ms (-954) #25

Isophorone
Concen: 43.70 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

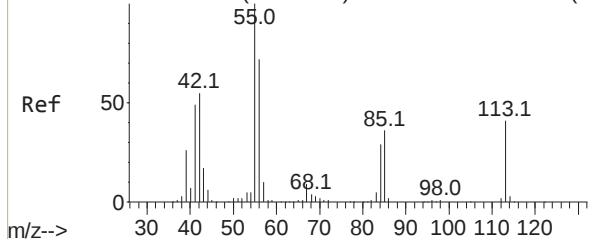
Tgt Ion:	82	Resp:	1539682
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#



Abundance Scan 916 (7.475 min): BF123440.D\data.ms (-910) (-)



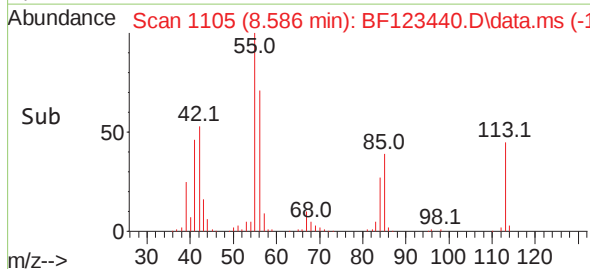
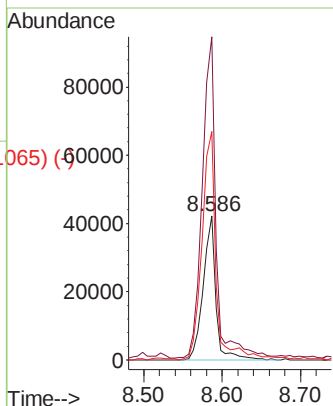
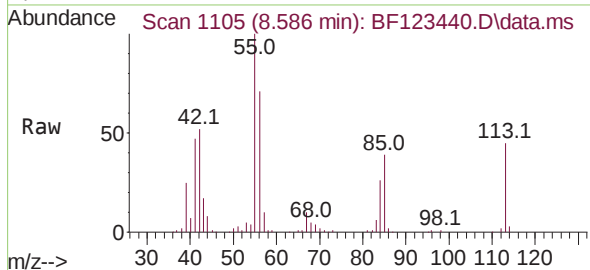
Abundance Scan 1114 (8.639 min): BF123401.D\data.ms (-11065)



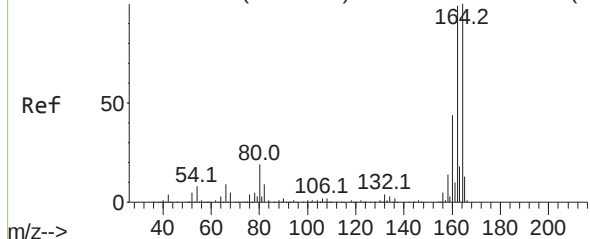
Caprolactam
Concen: 11.04 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.065 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:113 Resp: 46920
Ion Ratio Lower Upper
113 100
55 224.0 133.7 173.7#
56 158.3 95.3 135.3#

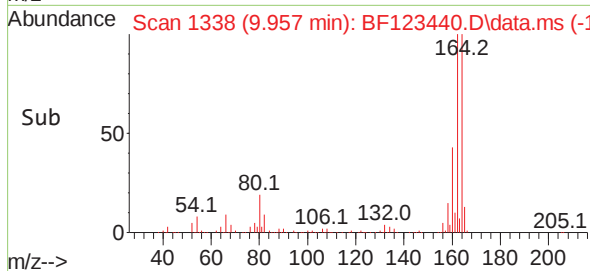
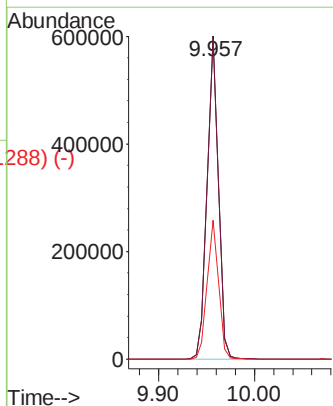
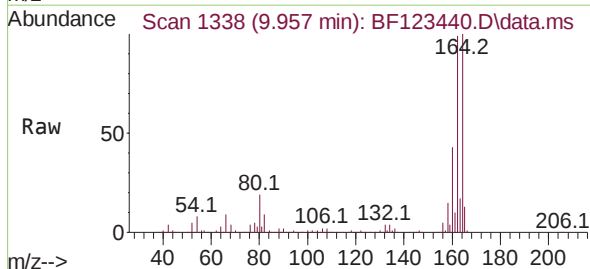


Abundance Scan 1339 (9.963 min): BF123401.D\data.ms (-1339)



Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

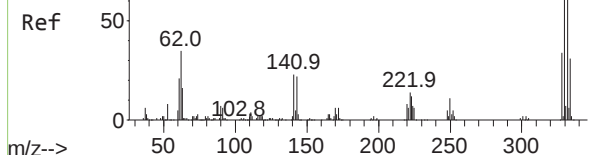
Tgt Ion:164 Resp: 483618
Ion Ratio Lower Upper
164 100
162 99.2 80.8 121.2
160 42.9 35.4 53.0



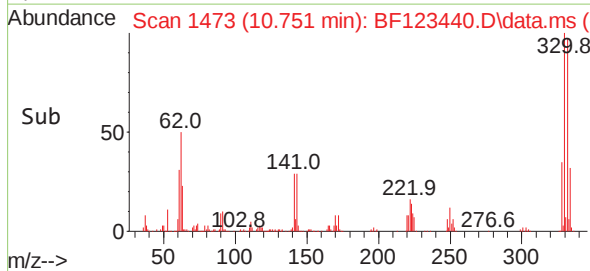
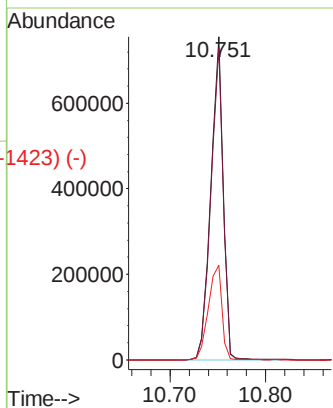
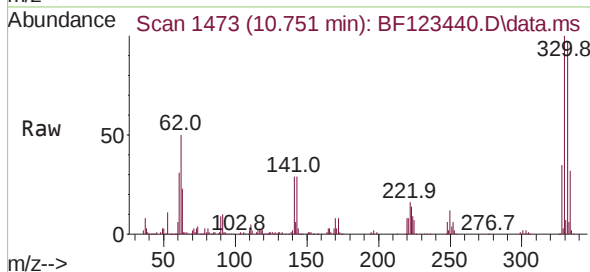
Abundance Scan 1474 (10.757 min): BF123401.D\data.ms (-1474) (-)

2,4,6-Tribromophenol
Concen: 123.30 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Instrument :
BNA_F
ClientSampled :
MW-105D

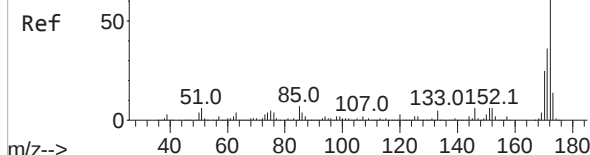


Tgt Ion:	330	Resp:	666648
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	32.2	23.8	35.8

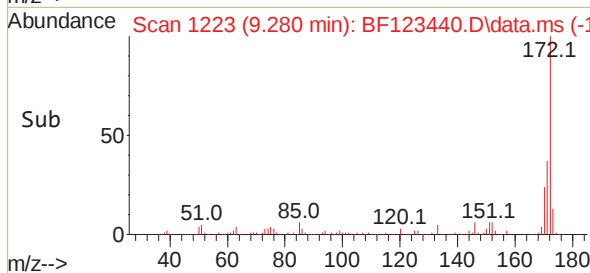
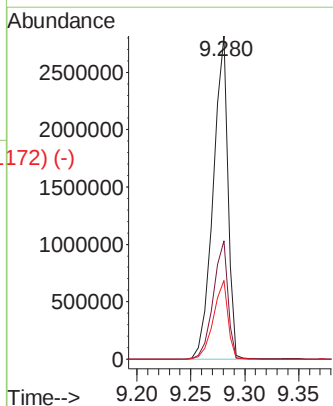
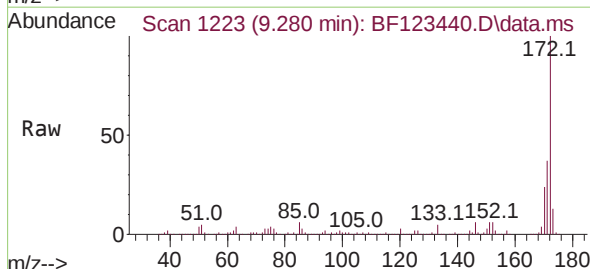


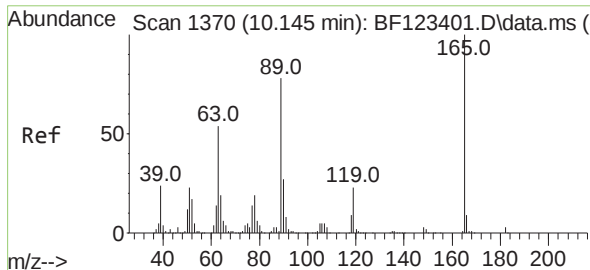
Abundance Scan 1223 (9.281 min): BF123401.D\data.ms (-1223) (-)

2-Fluorobiphenyl
Concen: 79.20 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41



Tgt Ion:	172	Resp:	2680932
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.3	19.5	29.3

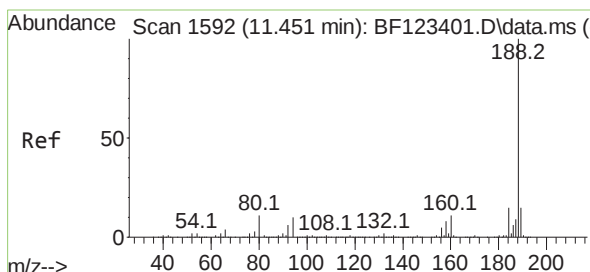
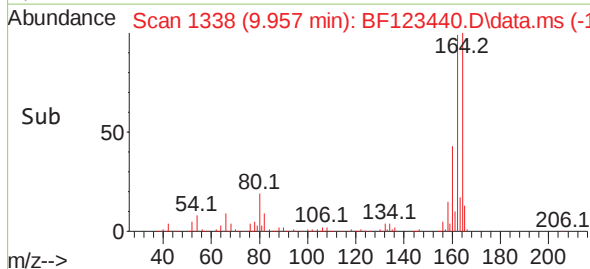
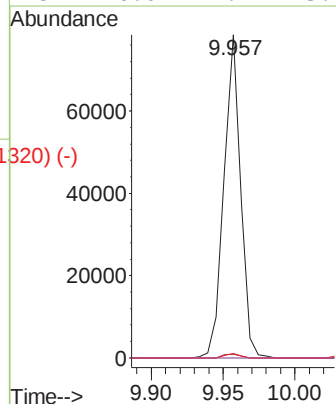
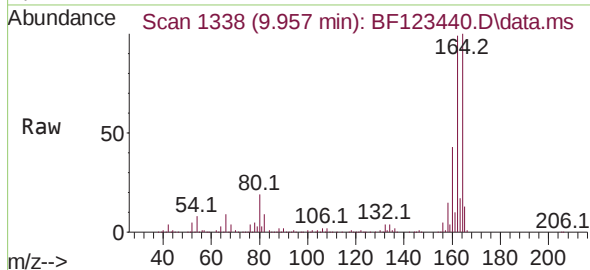




2,4-Dinitrotoluene
Concen: 7.01 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

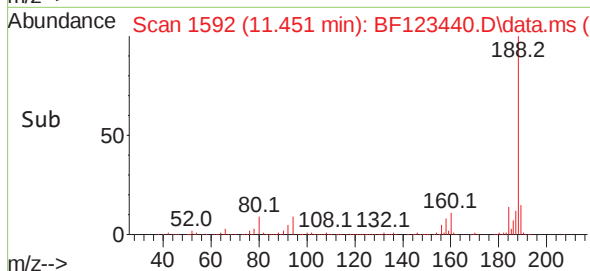
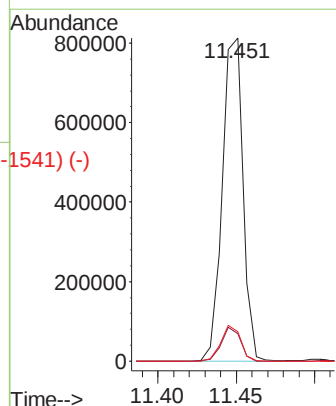
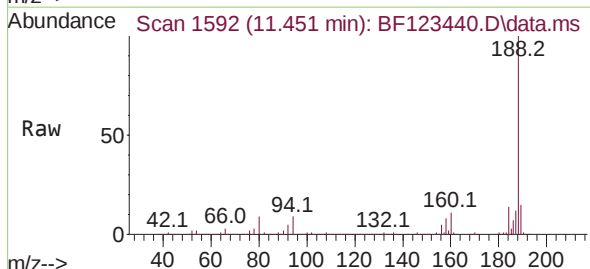
Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:	165	Resp:	62810
Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#



Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

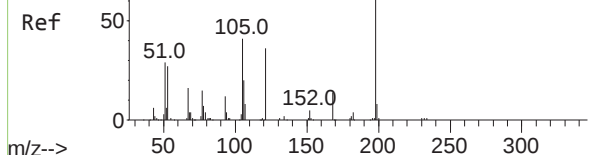
Tgt Ion:	188	Resp:	747404
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.0	8.2	12.4



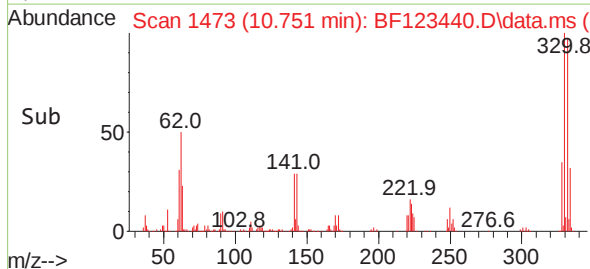
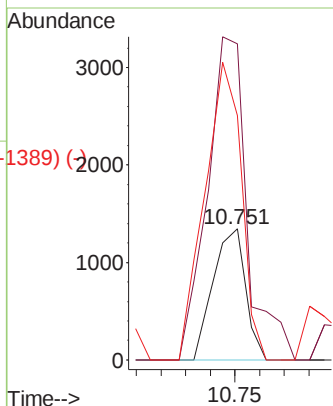
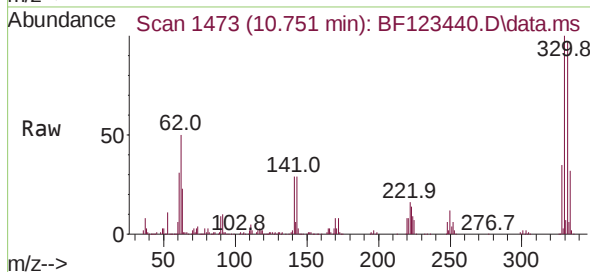
Abundance Scan 1440 (10.557 min): BF123401.D\data.ms (-1465) (-)

4,6-Dinitro-2-methylphenol
Concen: 5.40 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Instrument :
BNA_F
ClientSampled :
MW-105D

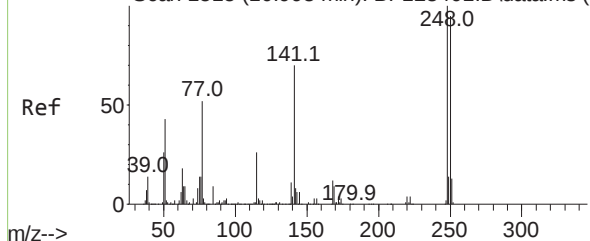


Tgt Ion:	198	Resp:	1236
Ion	Ratio	Lower	Upper
198	100		
51	241.0	20.3	60.3#
105	186.6	23.0	63.0#

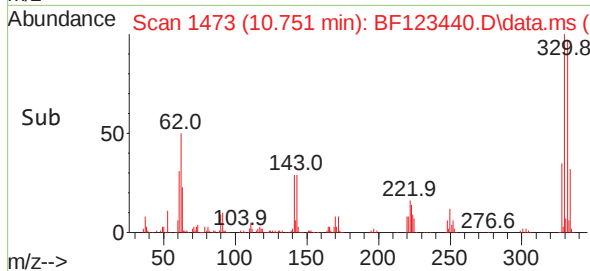
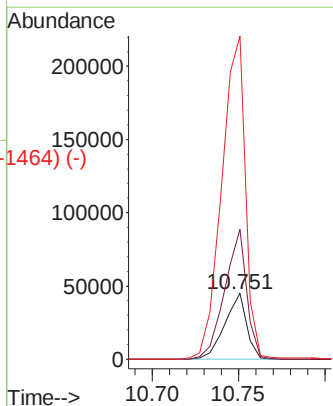
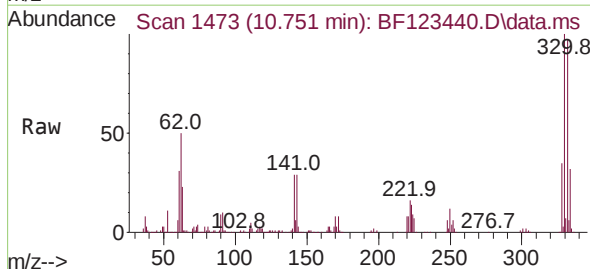


Abundance Scan 1515 (10.998 min): BF123401.D\data.ms (-1465) (-)

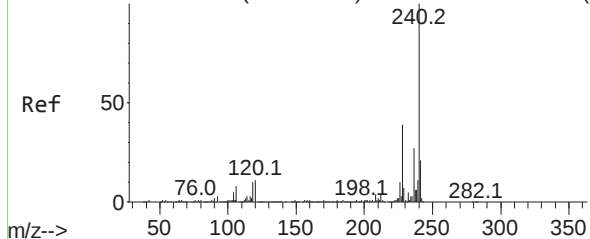
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41



Tgt Ion:	248	Resp:	39835
Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.8	115.2#
141	491.3	59.8	89.8#



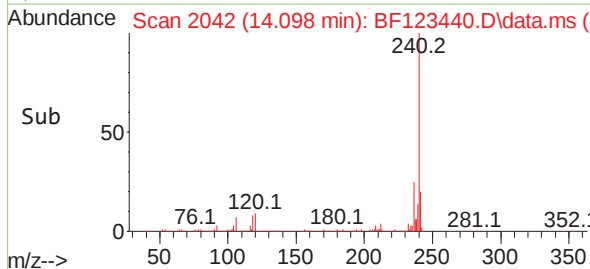
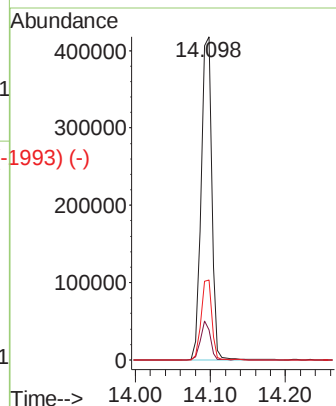
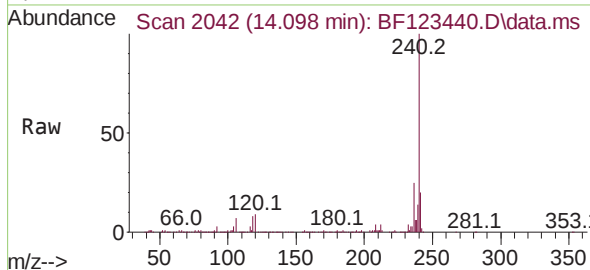
Abundance Scan 2043 (14.104 min): BF123401.D\data.ms (-1993) (-)



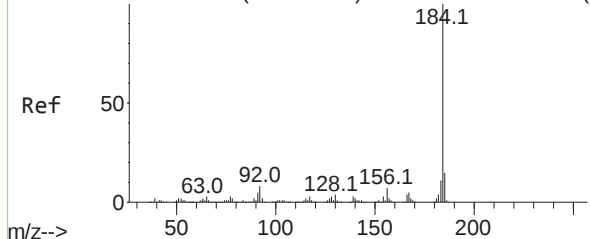
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.012 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Instrument :
BNA_F
ClientSampleId :
MW-105D

Tgt Ion:	240	Resp:	410654
Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.6	12.8
236	24.8	20.3	30.5

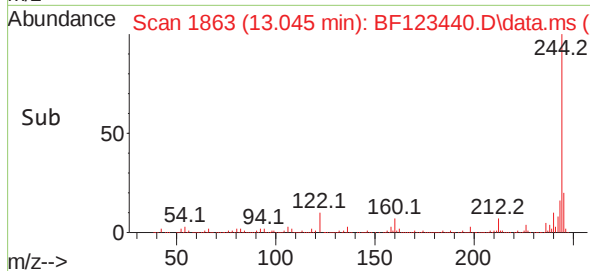
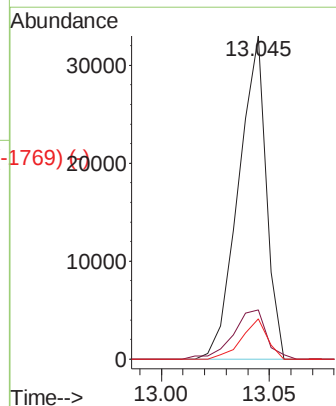
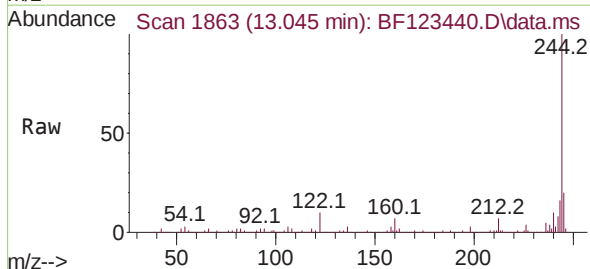


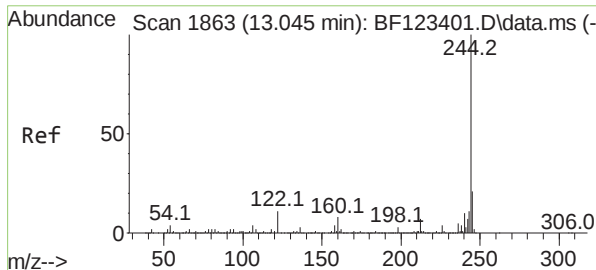
Abundance Scan 1819 (12.786 min): BF123401.D\data.ms (-1874) (-)



Benzidine
Concen: 2.41 ng
RT: 13.045 min Scan# 1863
Delta R.T. 0.253 min
Lab File: BF123440.D
Acq: 24 Mar 2021 15:41

Tgt Ion:	184	Resp:	29463
Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.6
183	12.4	9.7	14.5



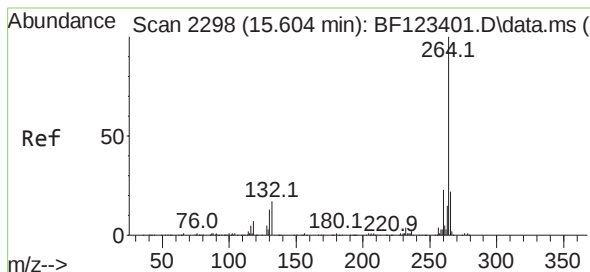
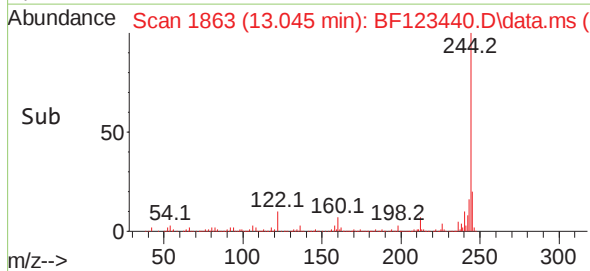
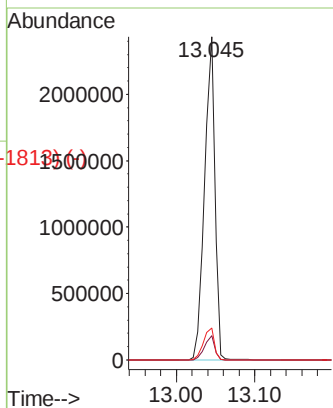
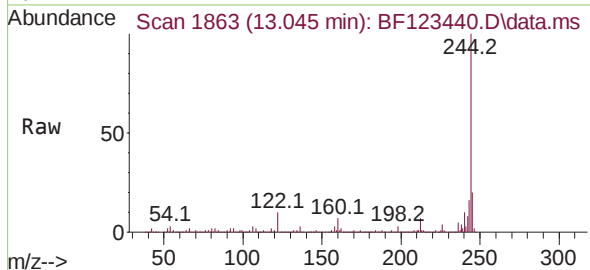


Terphenyl-d14
 Concen: 91.01 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: BF123440.D
 Acq: 24 Mar 2021 15:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-105D

Tgt Ion:244 Resp: 2205362

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	9.8	8.3	12.5



Perylene-d12
 Concen: 20.00 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: BF123440.D
 Acq: 24 Mar 2021 15:41

Tgt Ion:264 Resp: 450073

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	22.2	17.0	25.6

