

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123416.D
 Acq On : 23 Mar 2021 22:02
 Operator : JU/CG
 Sample : M1739-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-627

Quant Time: Mar 24 00:27:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

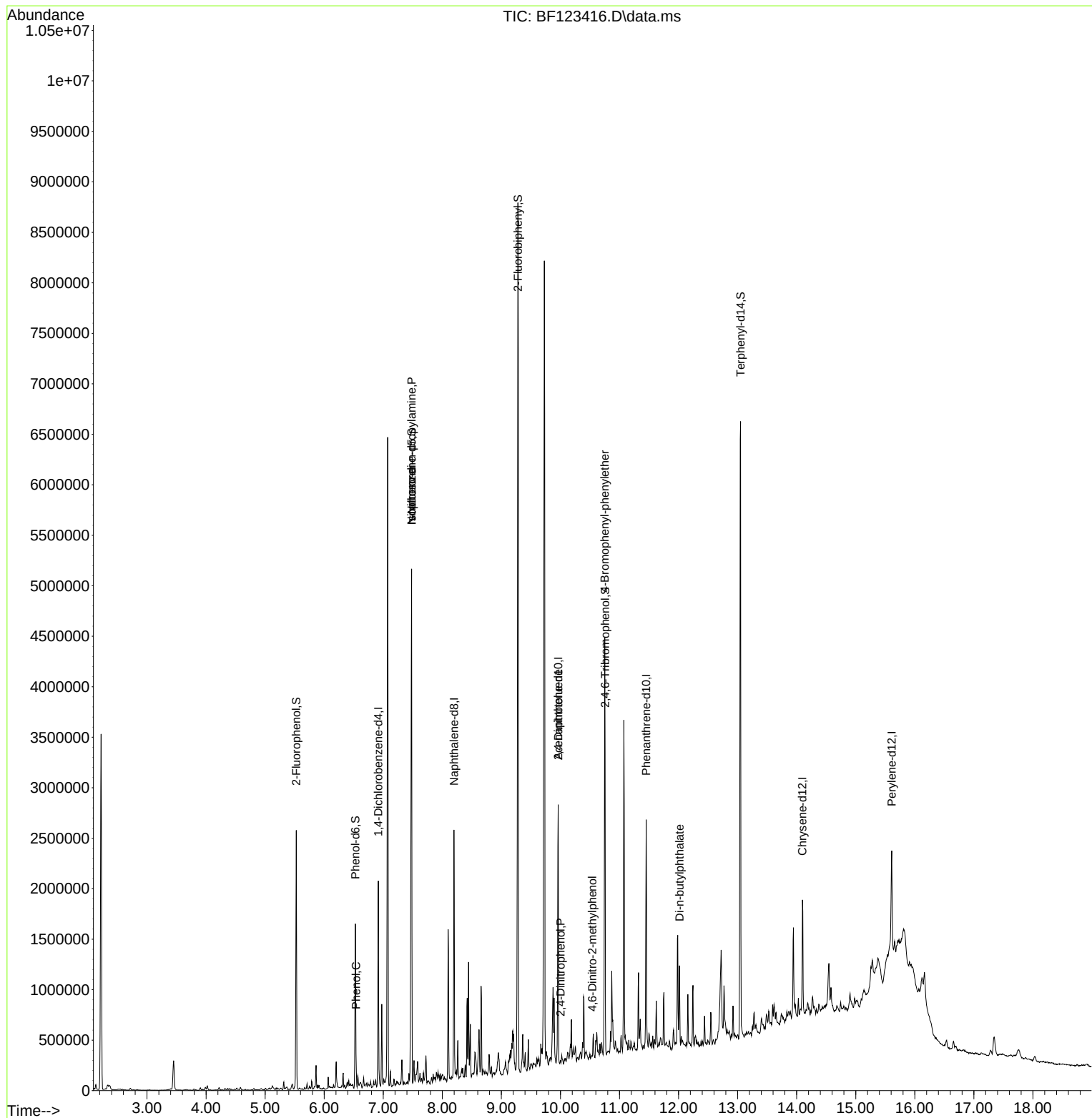
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	268698	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	953604	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	499442	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	774491	20.00	ng	0.00
76) Chrysene-d12	14.098	240	398718	20.00	ng	0.00
86) Perylene-d12	15.609	264	441344	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	596423	36.31	ng	0.00
7) Phenol-d6	6.528	99	461561	21.11	ng	0.00
23) Nitrobenzene-d5	7.481	82	1702786	96.37	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	467569	83.74	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2880100	82.38	ng	0.00
79) Terphenyl-d14	13.051	244	2334036	99.21	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	2915	Below Cal		82
10) Phenol	6.539	94	50053	2.23	ng	96
19) n-Nitroso-di-n-propyla...	7.481	70	236132	16.70	ng	# 80
25) Isophorone	7.481	82	1699454	44.74	ng	# 65
54) 2,4-Dinitrophenol	10.004	184	450	8.76	ng	# 1
57) 2,4-Dinitrotoluene	9.963	165	65969	7.13	ng	# 27
65) 4,6-Dinitro-2-methylph...	10.539	198	225	5.17	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	28115	3.06	ng	# 1
74) Di-n-butylphthalate	12.015	149	301827	6.52	ng	98

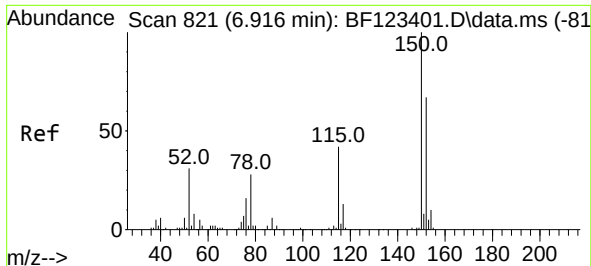
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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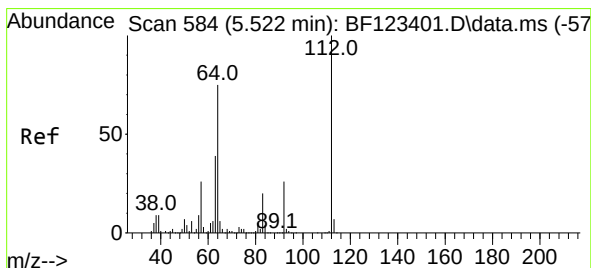
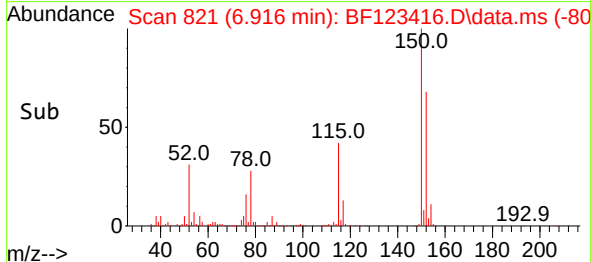
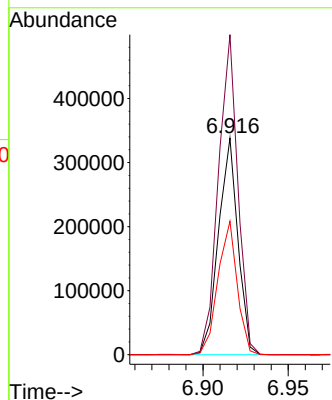
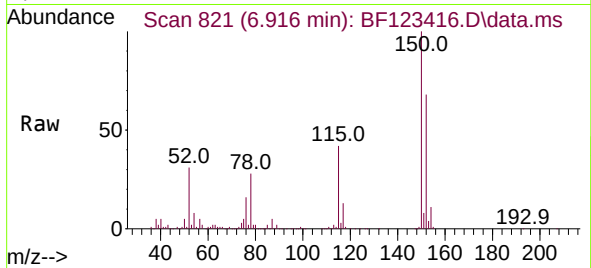




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

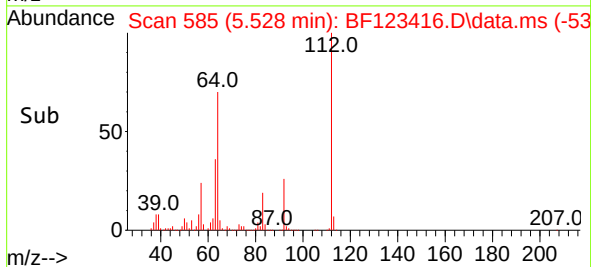
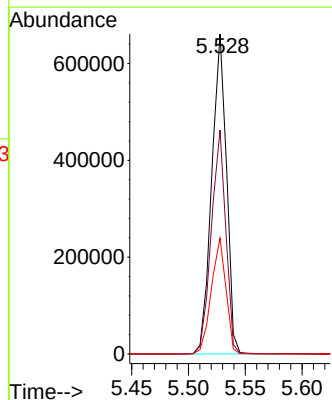
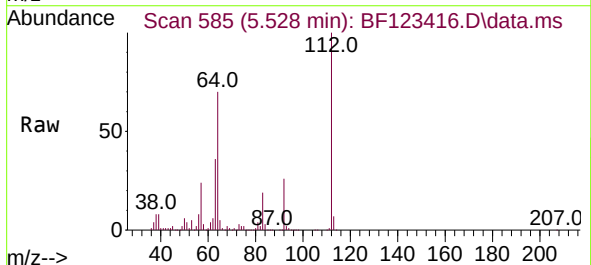
Instrument :
BNA_F
ClientSampleId :
HP-627

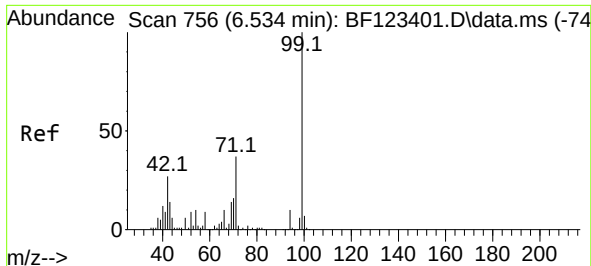
Tgt Ion:152 Resp: 268698
Ion Ratio Lower Upper
152 100
150 147.7 125.8 188.6
115 61.6 49.3 73.9



#5
2-Fluorophenol
Concen: 36.31 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.006 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion:112 Resp: 596423
Ion Ratio Lower Upper
112 100
64 69.9 46.9 70.3
63 36.2 24.5 36.7

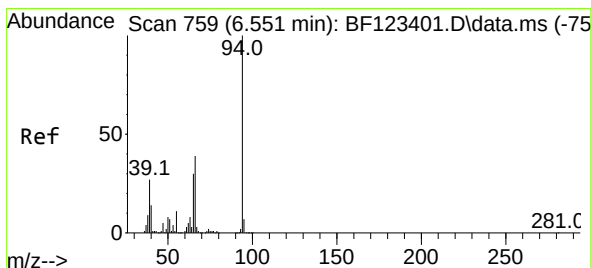
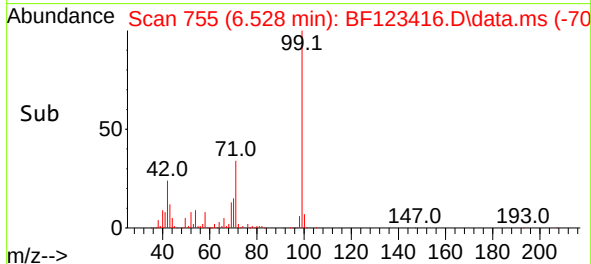
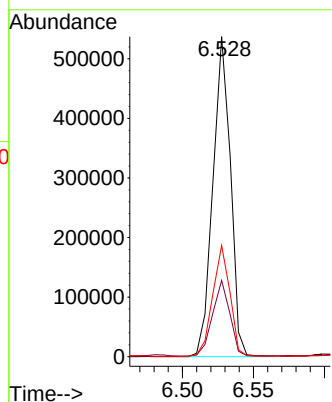
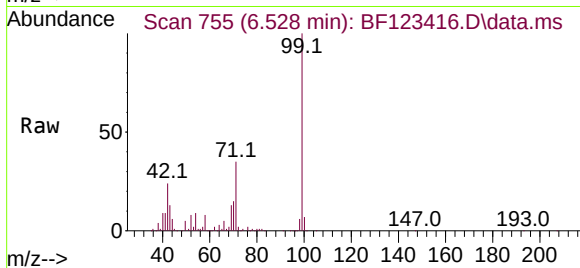




#7
Phenol-d6
Concen: 21.11 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

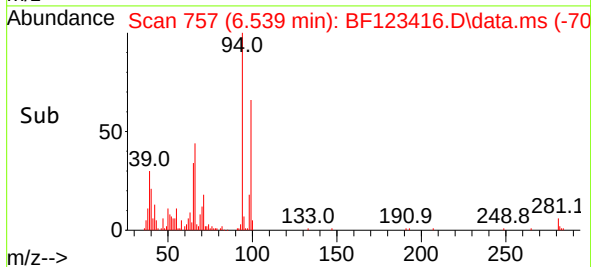
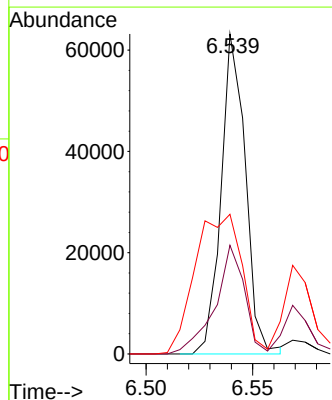
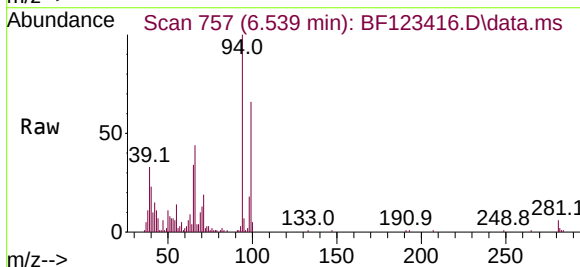
Instrument :
BNA_F
ClientSampleId :
HP-627

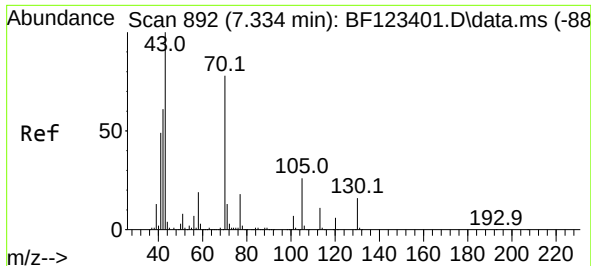
Tgt Ion: 99 Resp: 461561
Ion Ratio Lower Upper
99 100
42 23.8 13.8 20.6#
71 34.8 26.9 40.3



#10
Phenol
Concen: 2.23 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion: 94 Resp: 50053
Ion Ratio Lower Upper
94 100
65 34.0 11.2 51.2
66 43.6 25.8 65.8



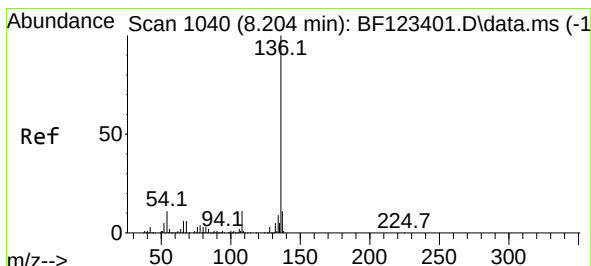
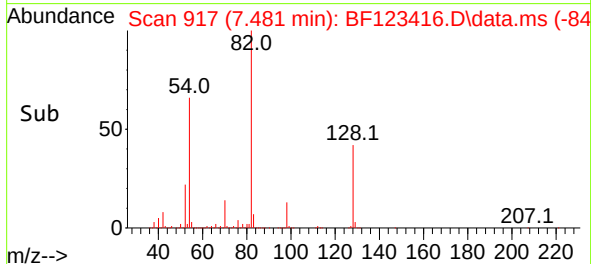
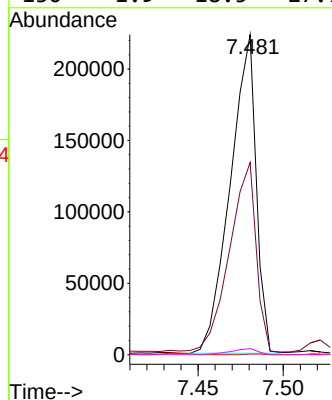
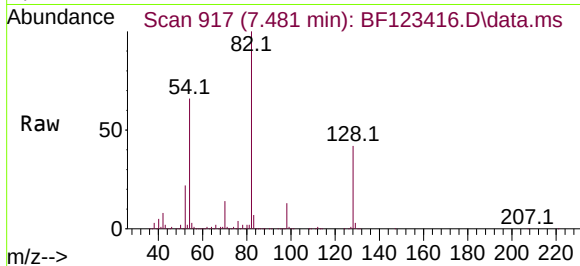


#19
n-Nitroso-di-n-propylamine
Concen: 16.70 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Instrument :
BNA_F
ClientSampleId :
HP-627

Tgt Ion: 70 Resp: 236132

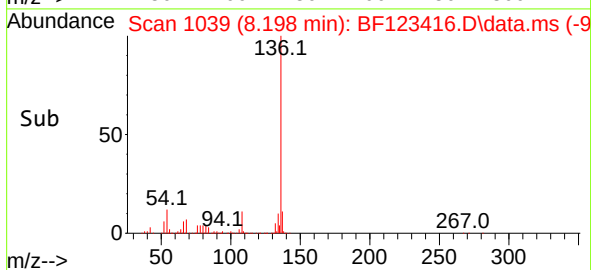
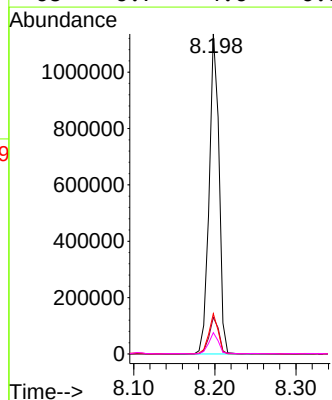
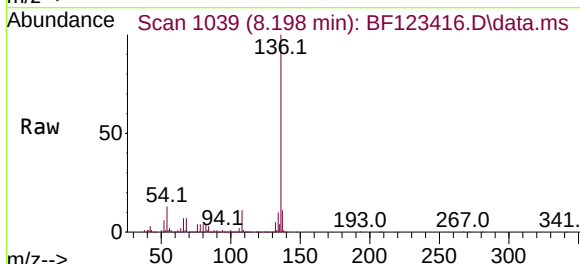
Ion	Ratio	Lower	Upper
70	100		
42	60.0	43.0	64.4
101	0.2	7.9	11.9#
130	1.9	18.5	27.7#

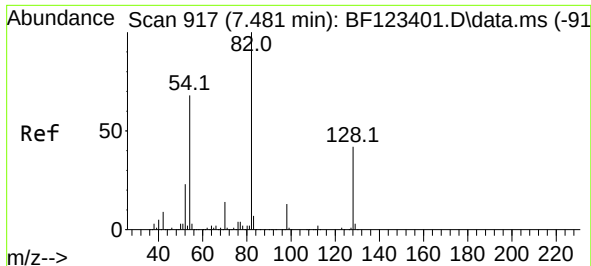


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion: 136 Resp: 953604

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	12.6	5.5	8.3#
68	6.7	4.6	6.8

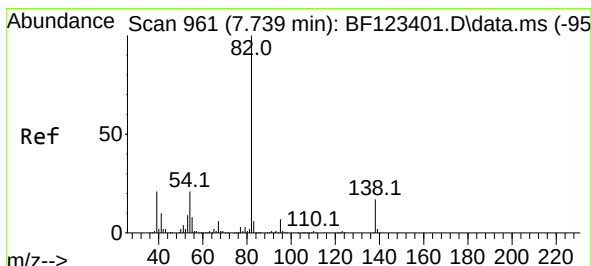
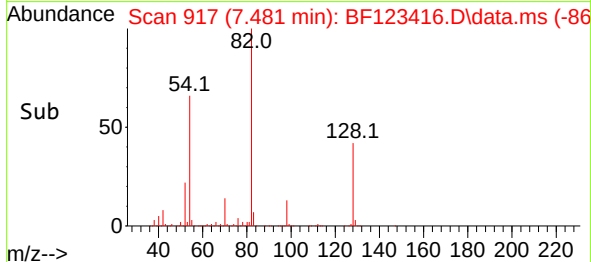
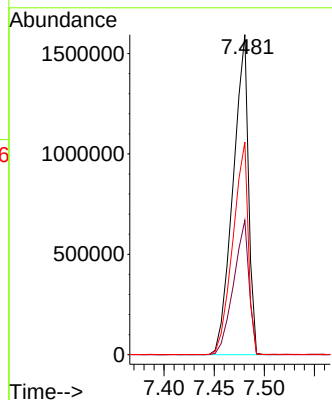
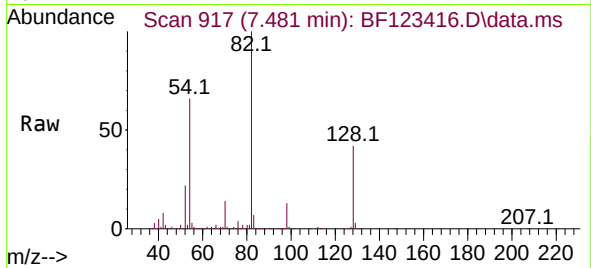




#23
Nitrobenzene-d5
Concen: 96.37 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

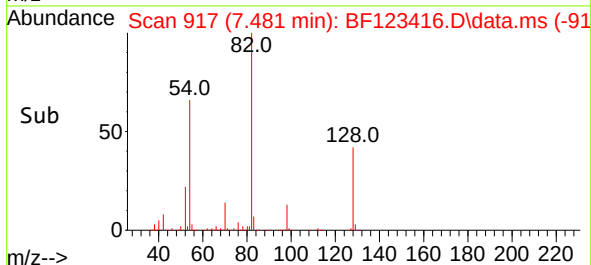
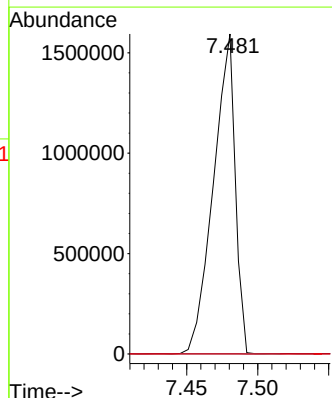
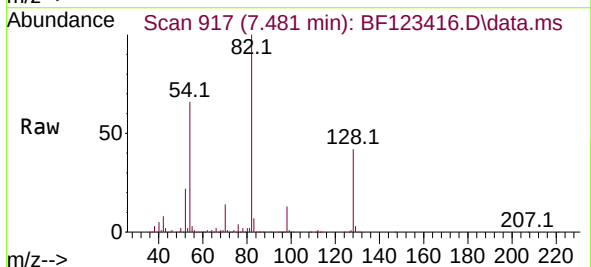
Instrument :
BNA_F
ClientSampleId :
HP-627

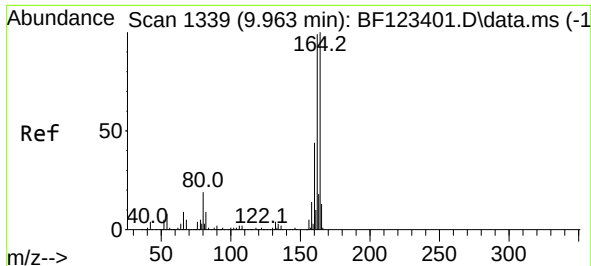
Tgt Ion: 82 Resp: 1702786
Ion Ratio Lower Upper
82 100
128 42.0 37.0 55.4
54 66.5 38.4 57.6#



#25
Isophorone
Concen: 44.74 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.259 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion: 82 Resp: 1699454
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.963 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF123416.D

Acq: 23 Mar 2021 22:02

Instrument :

BNA_F

ClientSampleId :

HP-627

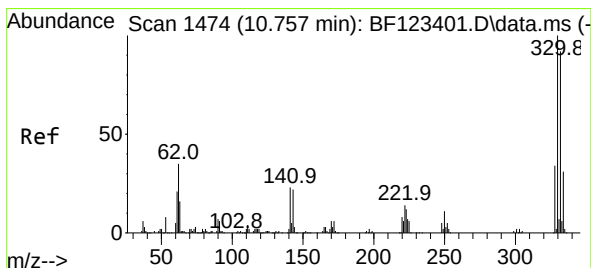
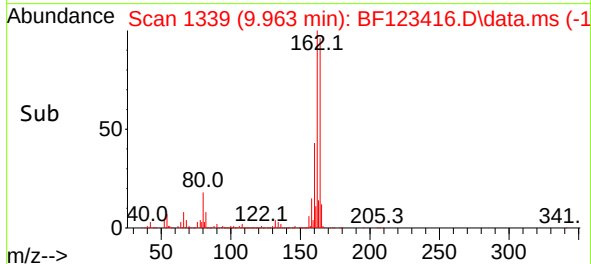
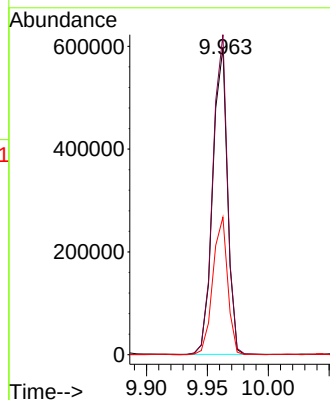
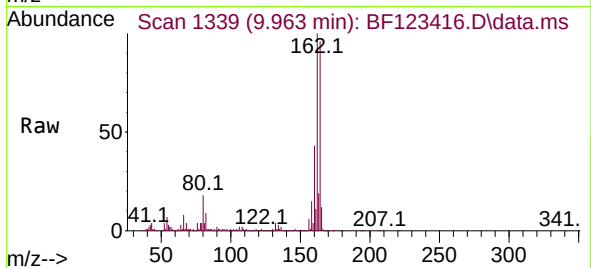
Tgt Ion:164 Resp: 499442

Ion Ratio Lower Upper

164 100

162 104.2 80.8 121.2

160 44.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 83.74 ng

RT: 10.757 min Scan# 1474

Delta R.T. -0.000 min

Lab File: BF123416.D

Acq: 23 Mar 2021 22:02

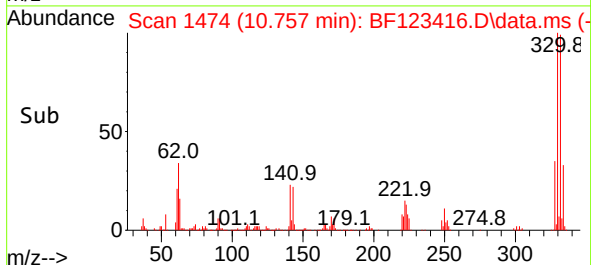
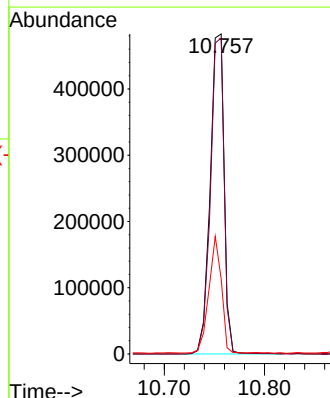
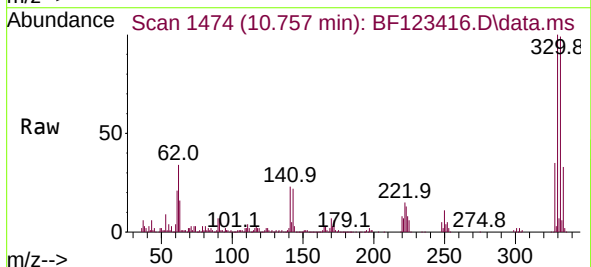
Tgt Ion:330 Resp: 467569

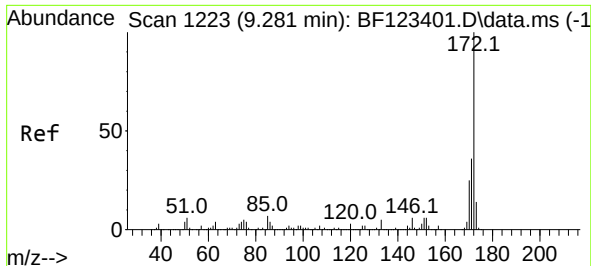
Ion Ratio Lower Upper

330 100

332 96.5 77.5 116.3

141 32.7 23.8 35.8

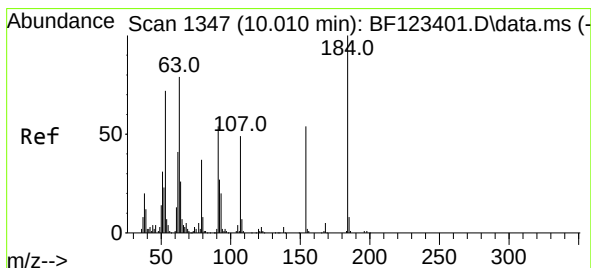
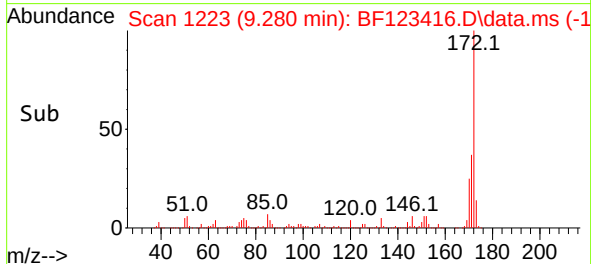
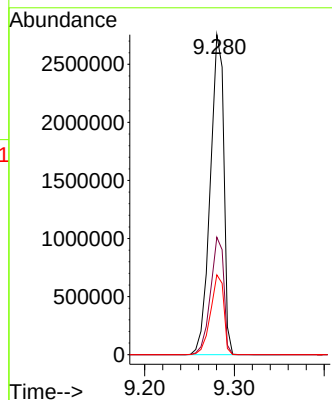
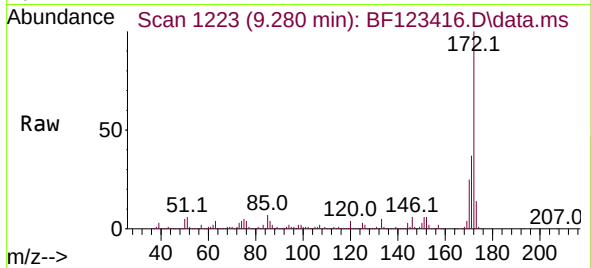




#45
2-Fluorobiphenyl
Concen: 82.38 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

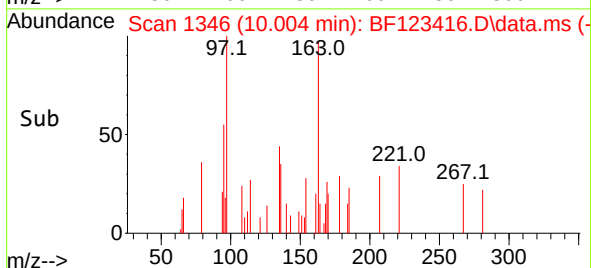
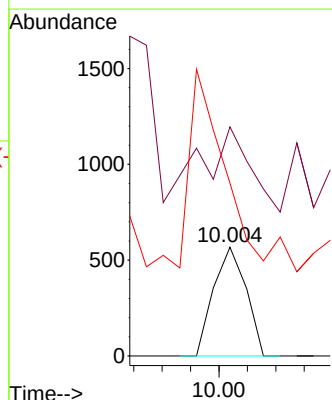
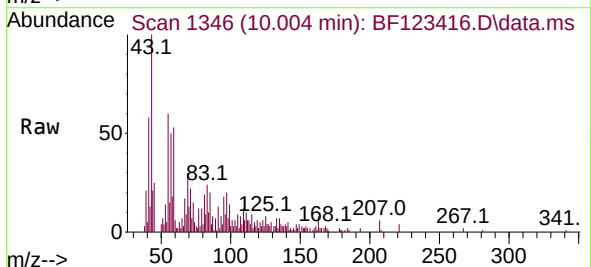
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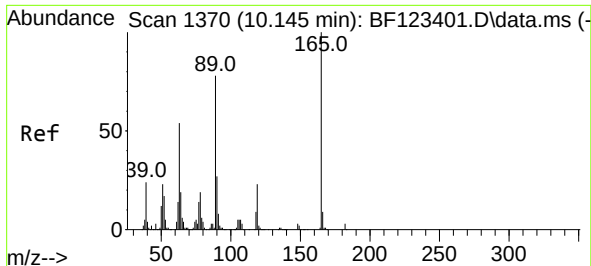
Tgt Ion:172 Resp: 2880100
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.0 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 8.76 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion:184 Resp: 450
Ion Ratio Lower Upper
184 100
63 210.6 51.4 77.2#
154 158.8 49.7 74.5#

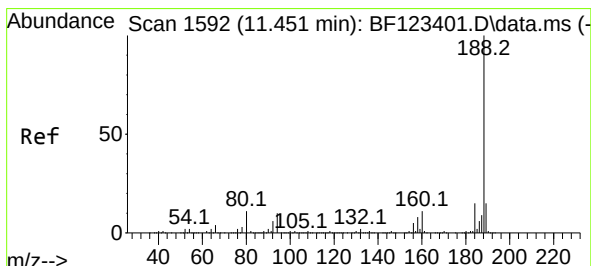
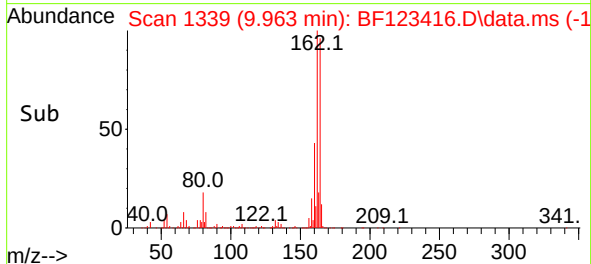
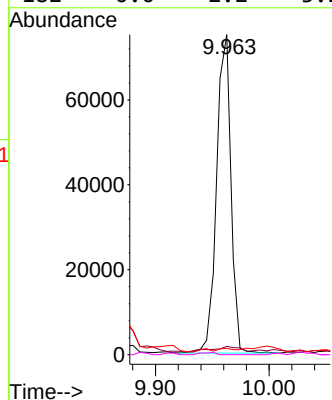
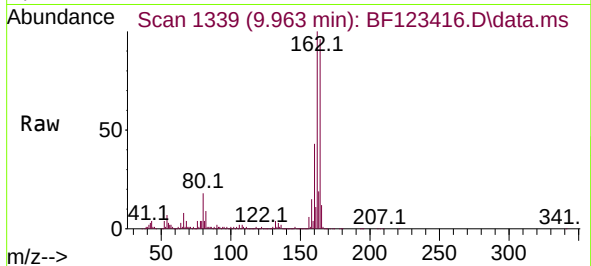




#57
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.183 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

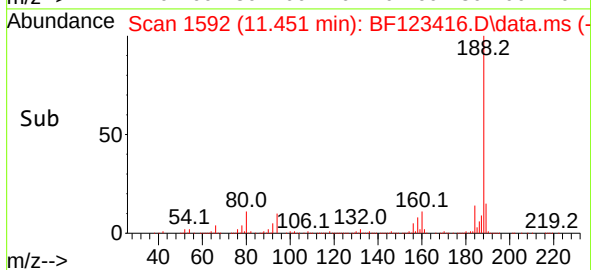
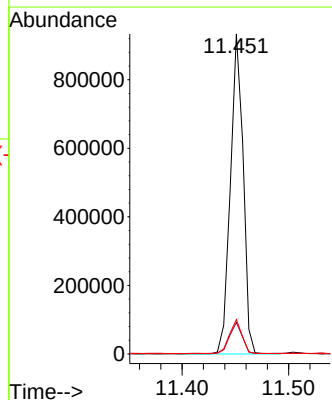
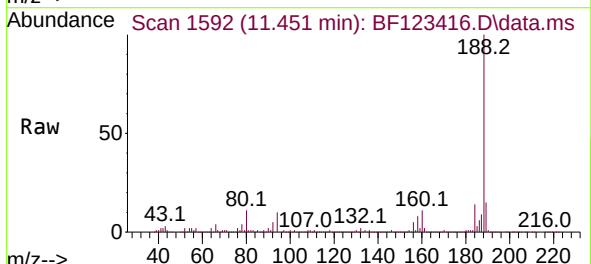
Instrument :
BNA_F
ClientSampled :
HP-627

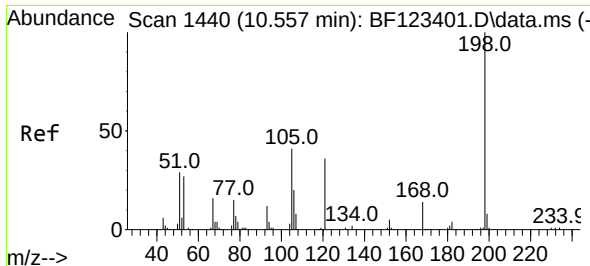
Tgt Ion:165 Resp: 65969
Ion Ratio Lower Upper
165 100
63 2.6 34.3 51.5#
89 2.0 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion:188 Resp: 774491
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.7 8.2 12.4

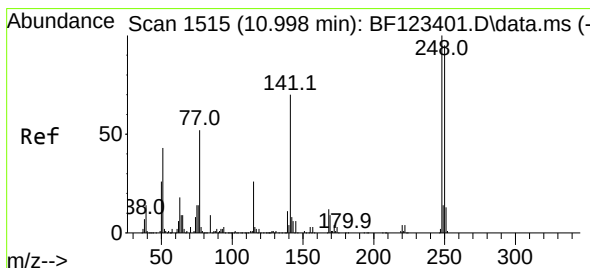
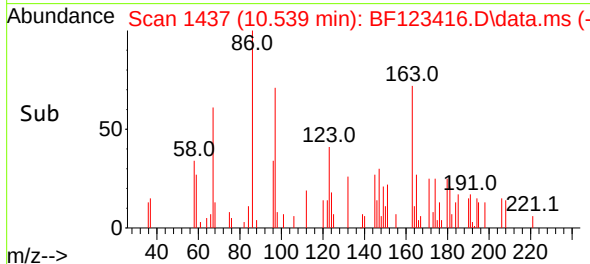
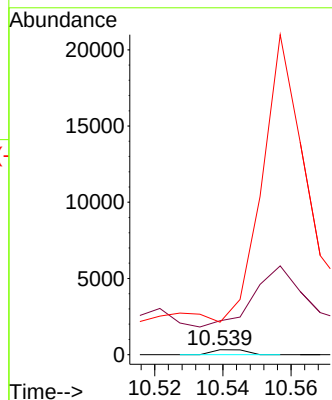
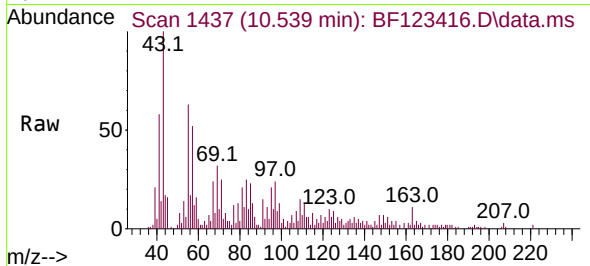




#65
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.018 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

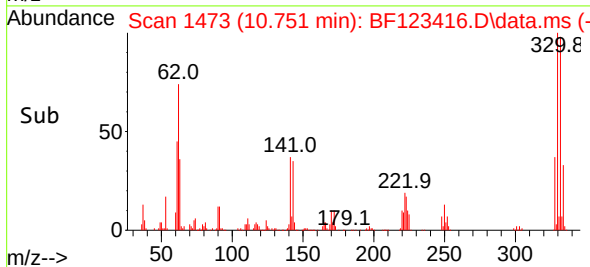
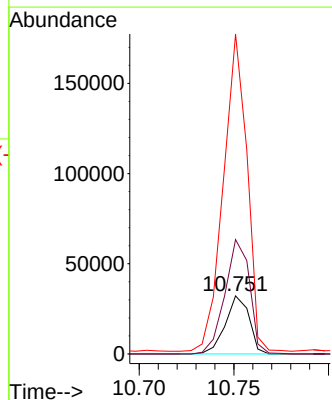
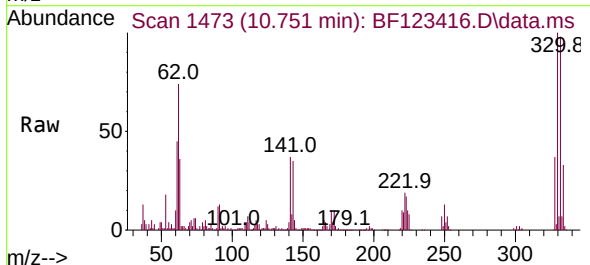
Instrument :
BNA_F
ClientSampled :
HP-627

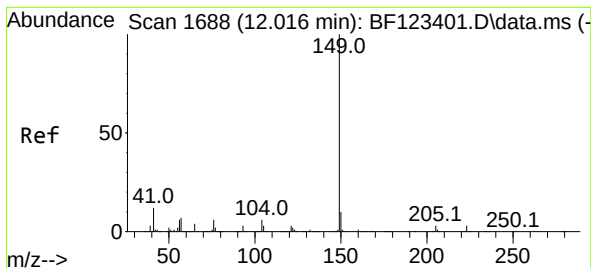
Tgt Ion:198 Resp: 225
Ion Ratio Lower Upper
198 100
51 694.7 20.3 60.3#
105 662.6 23.0 63.0#



#67
4-Bromophenyl-phenylether
Concen: 3.06 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion:248 Resp: 28115
Ion Ratio Lower Upper
248 100
250 197.1 76.8 115.2#
141 551.4 59.8 89.8#

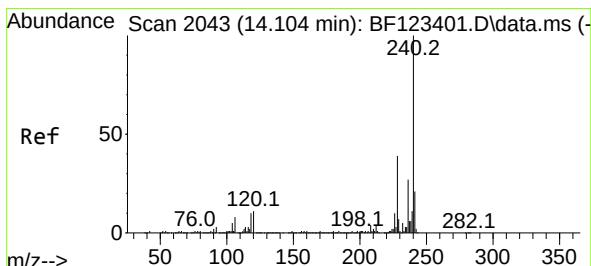
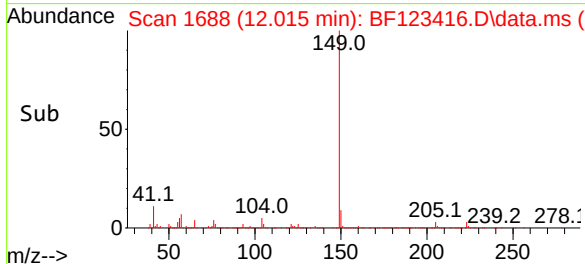
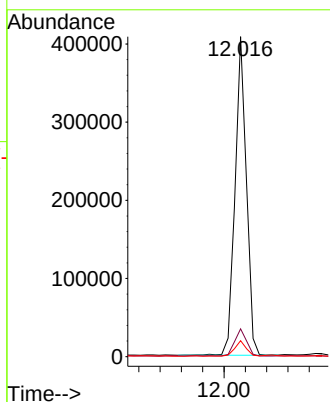
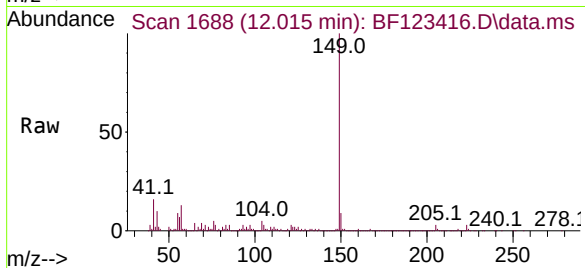




#74
Di-n-butylphthalate
Concen: 6.52 ng
RT: 12.015 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

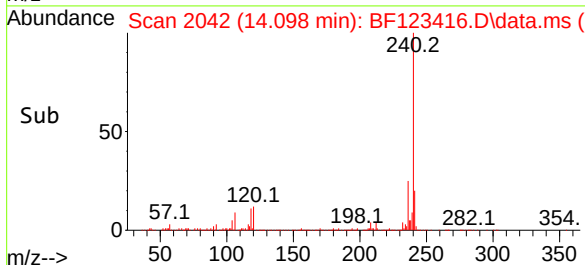
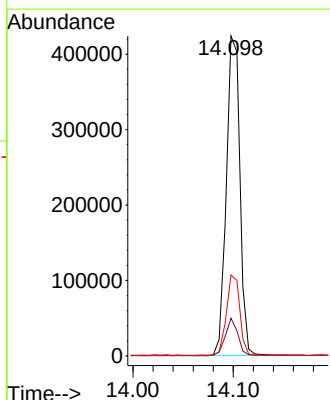
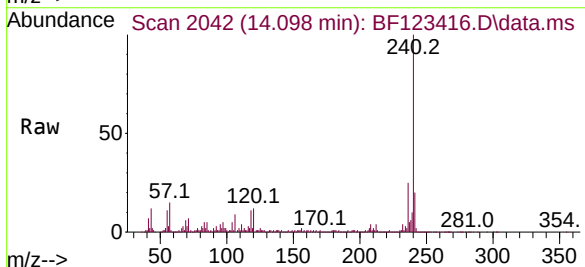
Instrument :
BNA_F
ClientSampleId :
HP-627

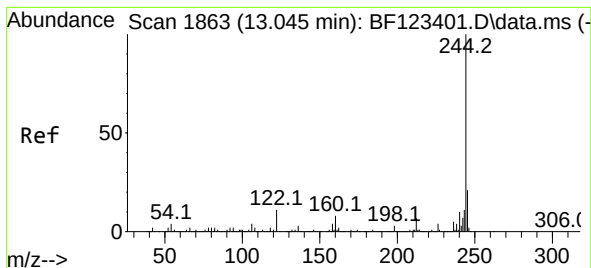
Tgt Ion:149 Resp: 301827
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 5.0 4.2 6.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123416.D
Acq: 23 Mar 2021 22:02

Tgt Ion:240 Resp: 398718
Ion Ratio Lower Upper
240 100
120 11.8 8.6 12.8
236 25.3 20.3 30.5





#79

Terphenyl-d14

Concen: 99.21 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.006 min

Lab File: BF123416.D

Acq: 23 Mar 2021 22:02

Instrument :

BNA_F

ClientSampleId :

HP-627

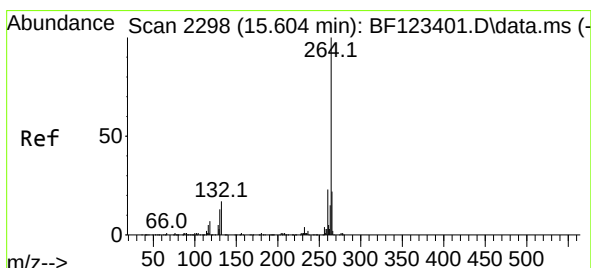
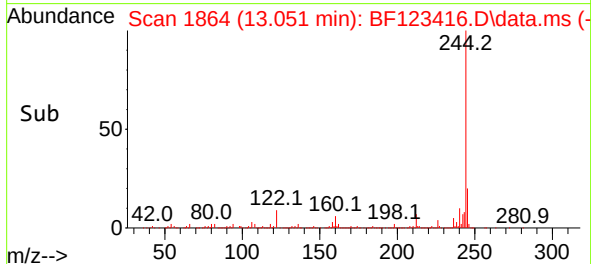
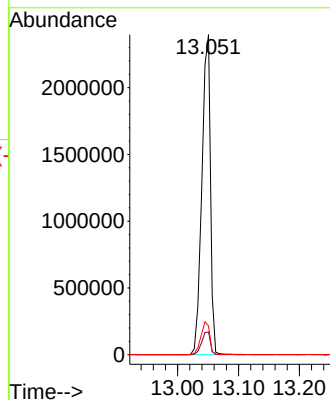
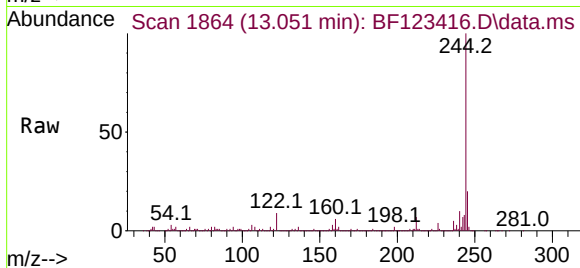
Tgt Ion:244 Resp: 2334036

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 8.9 8.3 12.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.609 min Scan# 2299

Delta R.T. 0.006 min

Lab File: BF123416.D

Acq: 23 Mar 2021 22:02

Tgt Ion:264 Resp: 441344

Ion Ratio Lower Upper

264 100

260 22.0 18.6 28.0

265 30.5 17.0 25.6#

