

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123415.D
 Acq On : 23 Mar 2021 21:30
 Operator : JU/CG
 Sample : M1712-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERNAL-PAD-1

Quant Time: Mar 24 00:27:27 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)

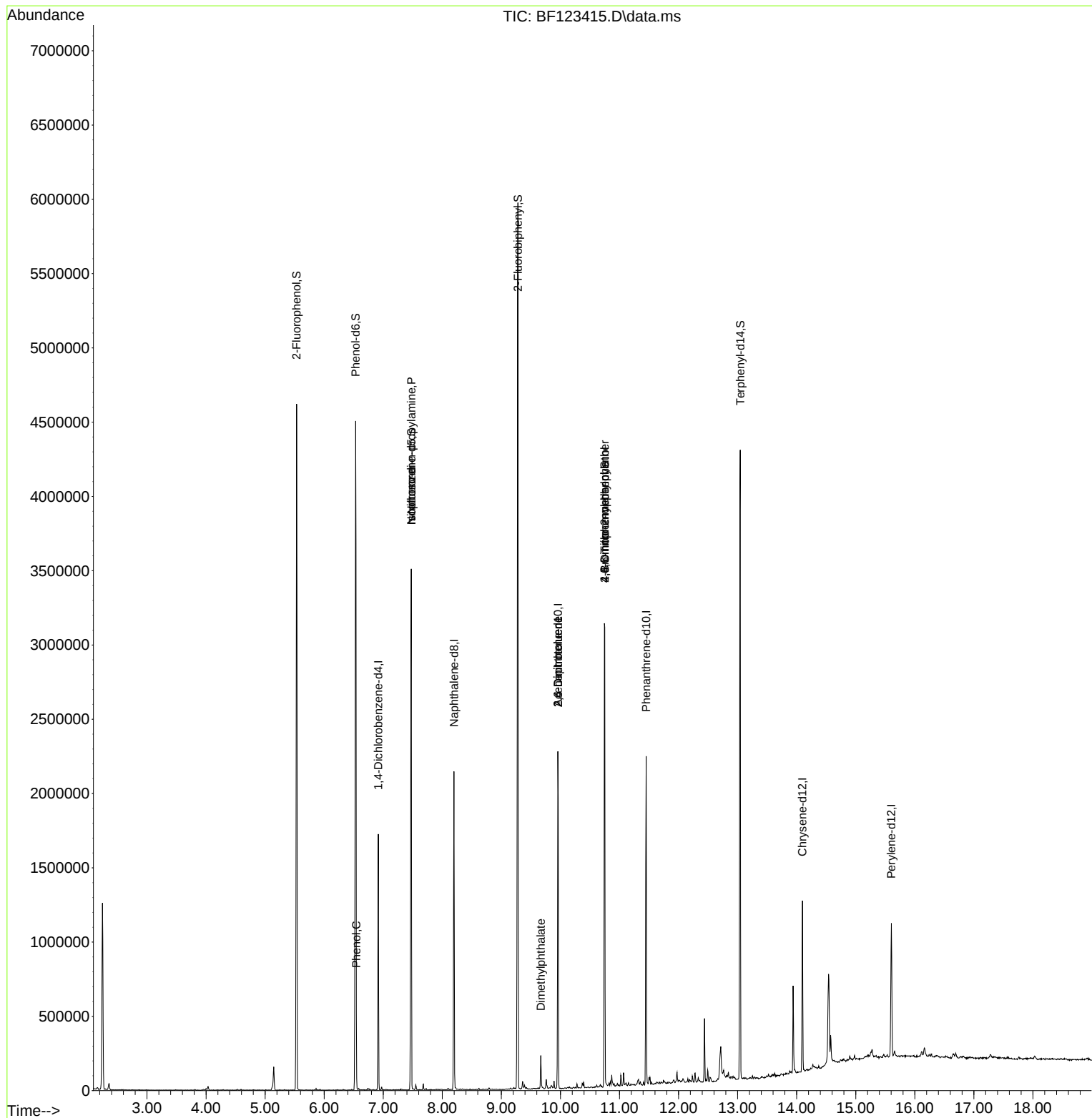
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	226286	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	858625	20.00	ng	# 0.00
39) Acenaphthene-d10	9.957	164	467941	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	706874	20.00	ng	0.00
76) Chrysene-d12	14.098	240	367750	20.00	ng	0.00
86) Perylene-d12	15.603	264	421953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1155733	83.55	ng	0.01
7) Phenol-d6	6.533	99	1526583	82.91	ng	0.00
23) Nitrobenzene-d5	7.475	82	1047867	65.87	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	378280	72.31	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1933622	59.03	ng	0.00
79) Terphenyl-d14	13.045	244	1436284	66.19	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.463	77	283	Below Cal	#	1
10) Phenol	6.545	94	46228	2.45	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	141928	11.92	ng	# 81
25) Isophorone	7.475	82	1045440	30.57	ng	# 65
50) Dimethylphthalate	9.669	163	71275	2.14	ng	99
51) 2,6-Dinitrotoluene	9.957	165	61251	8.82	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	61251	7.07	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.751	198	768	5.30	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	22137	2.64	ng	# 1

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

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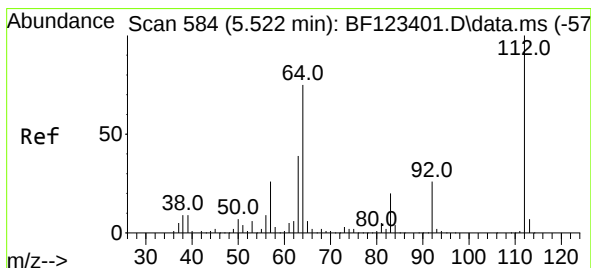
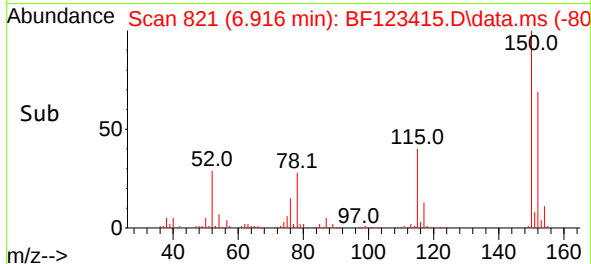
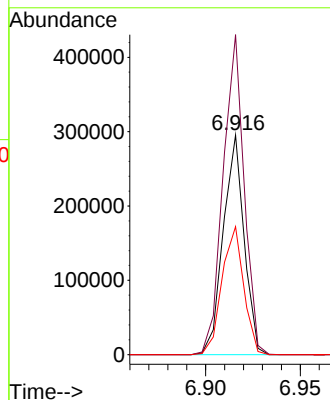
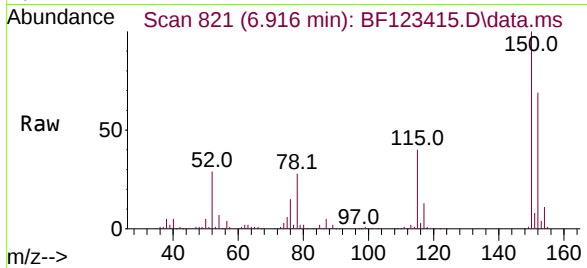




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

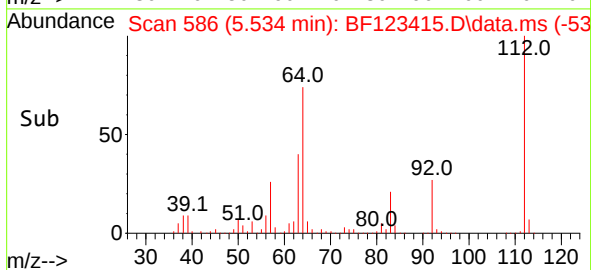
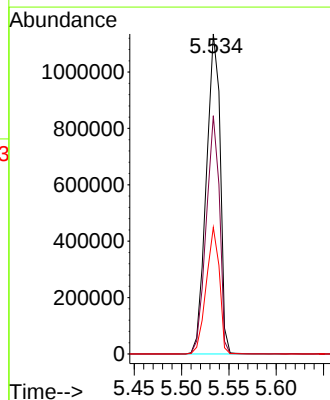
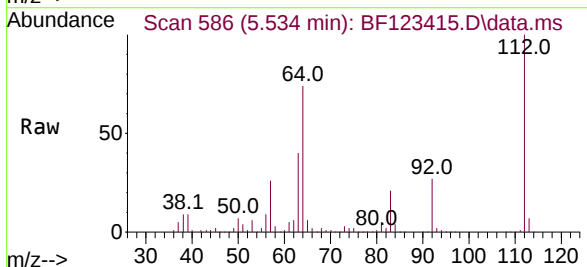
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

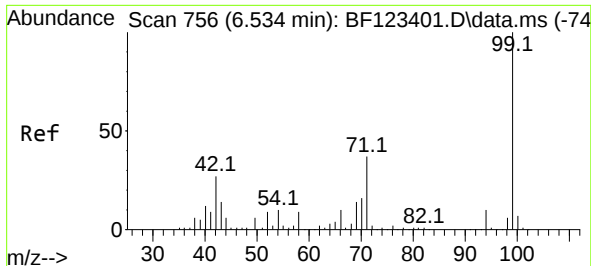
Tgt Ion:152 Resp: 226286
Ion Ratio Lower Upper
152 100
150 145.6 125.8 188.6
115 58.2 49.3 73.9



#5
2-Fluorophenol
Concen: 83.55 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.012 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion:112 Resp: 1155733
Ion Ratio Lower Upper
112 100
64 74.4 46.9 70.3#
63 39.5 24.5 36.7#

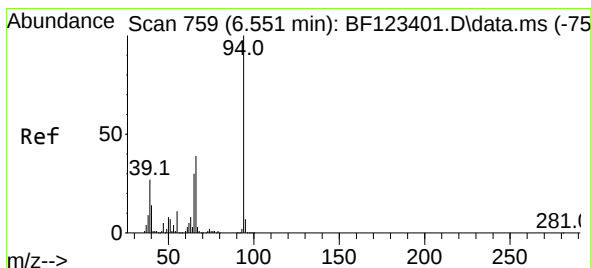
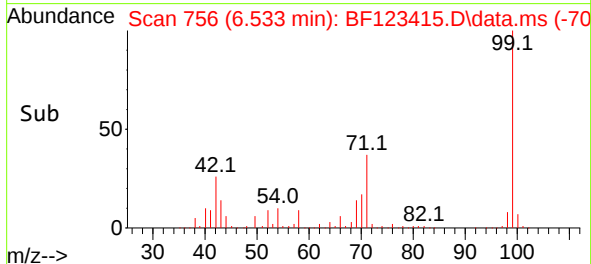
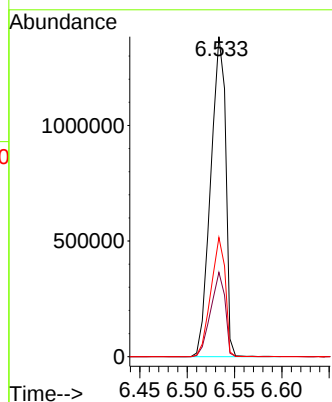
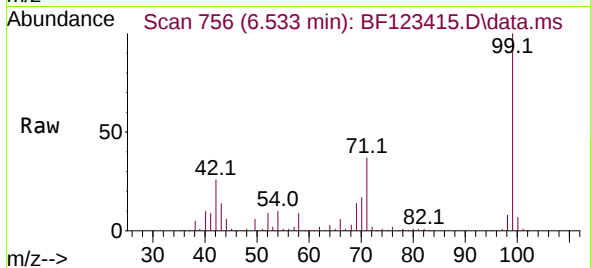




#7
Phenol-d6
Concen: 82.91 ng
RT: 6.533 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

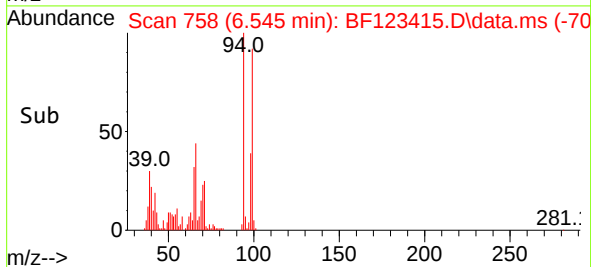
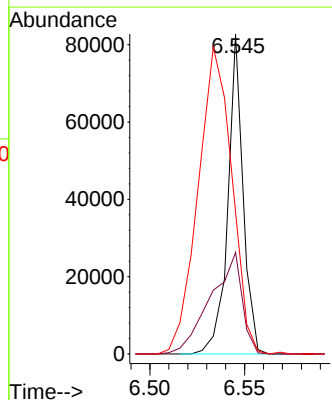
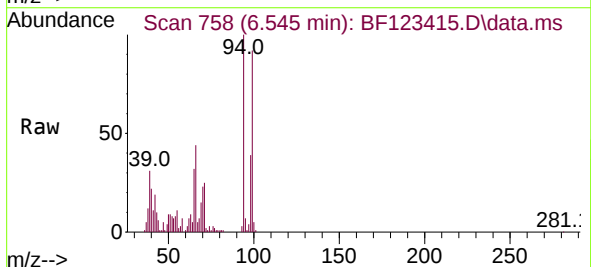
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

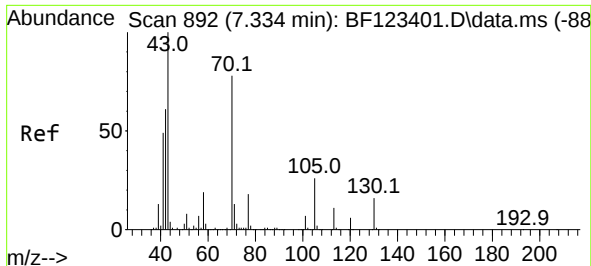
Tgt Ion: 99 Resp: 1526583
Ion Ratio Lower Upper
99 100
42 26.4 13.8 20.6#
71 37.2 26.9 40.3



#10
Phenol
Concen: 2.45 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

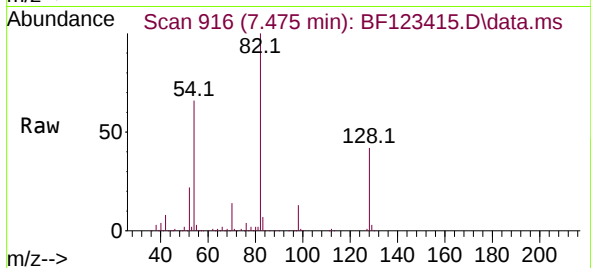
Tgt Ion: 94 Resp: 46228
Ion Ratio Lower Upper
94 100
65 31.8 11.2 51.2
66 44.3 25.8 65.8



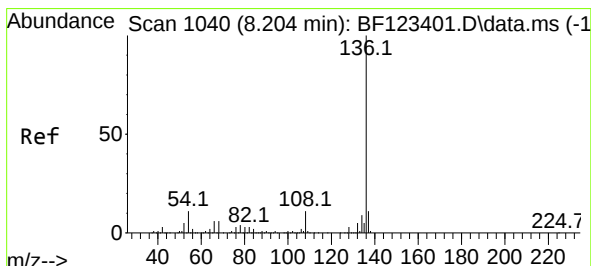
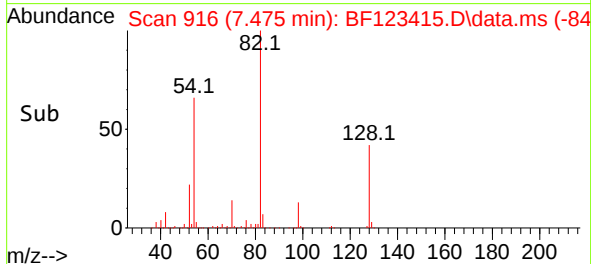
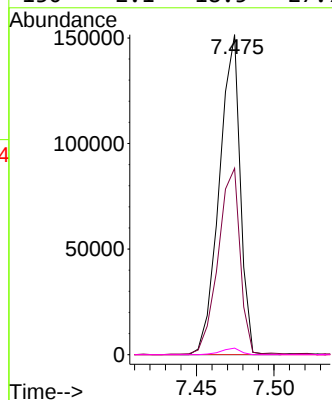


#19
n-Nitroso-di-n-propylamine
Concen: 11.92 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

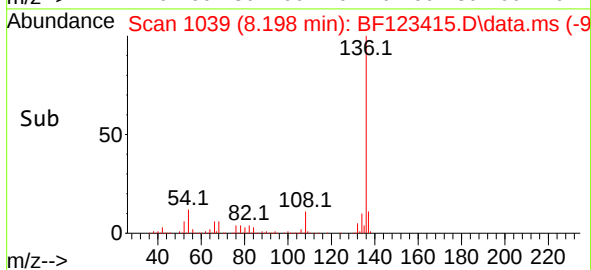
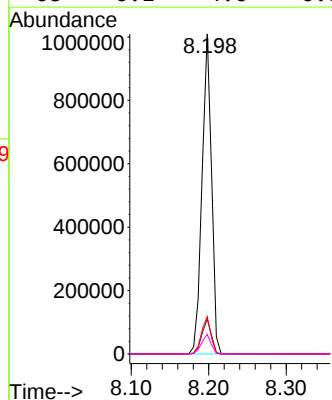
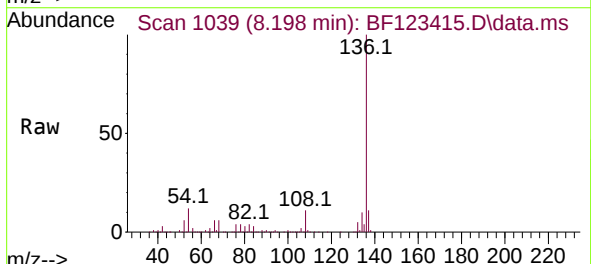


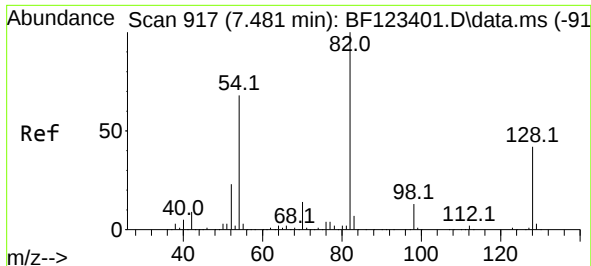
Tgt Ion: 70 Resp: 141928
Ion Ratio Lower Upper
70 100
42 58.3 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion: 136 Resp: 858625
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 11.7 5.5 8.3#
68 6.1 4.6 6.8

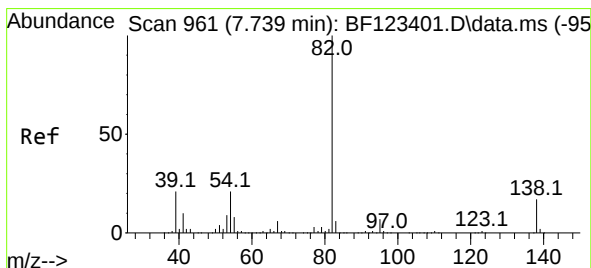
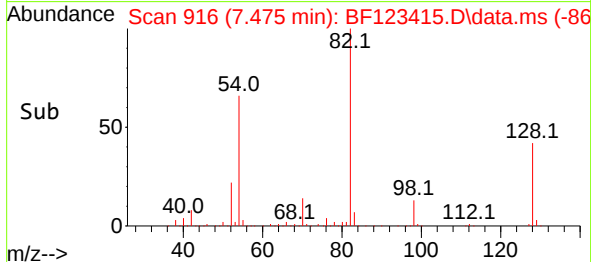
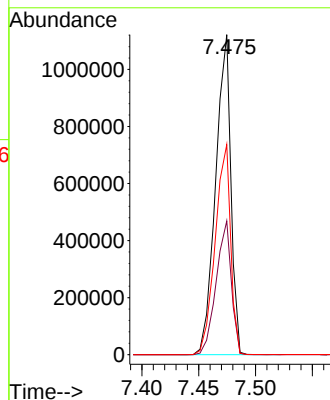
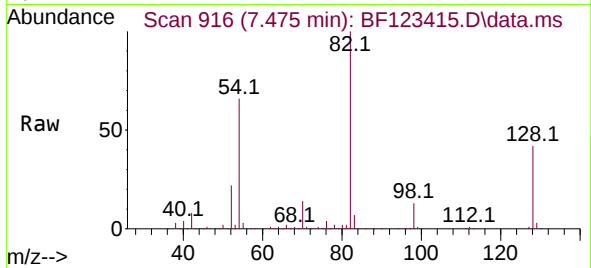




#23
Nitrobenzene-d5
Concen: 65.87 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

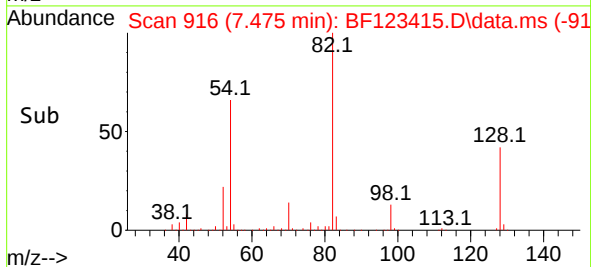
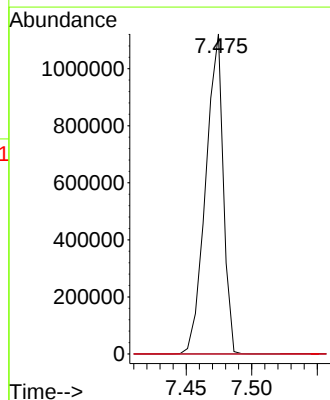
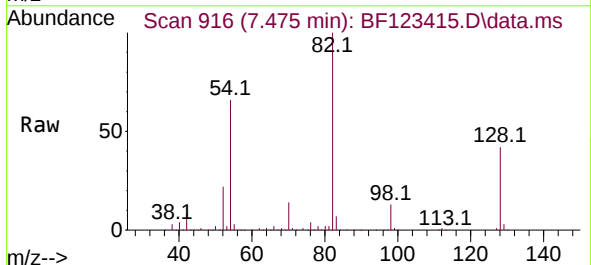
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

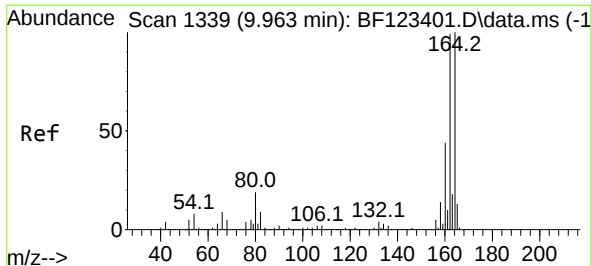
Tgt Ion: 82 Resp: 1047867
Ion Ratio Lower Upper
82 100
128 41.8 37.0 55.4
54 65.6 38.4 57.6#



#25
Isophorone
Concen: 30.57 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion: 82 Resp: 1045440
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

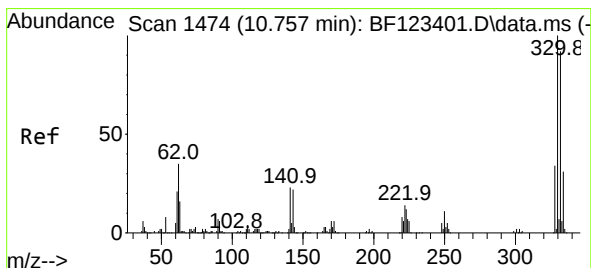
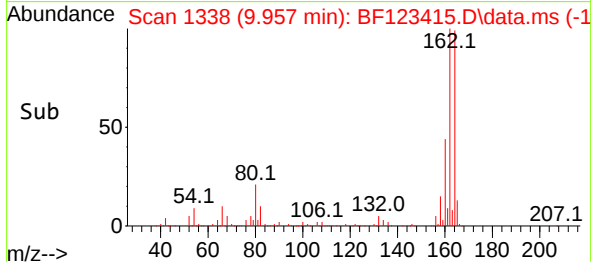
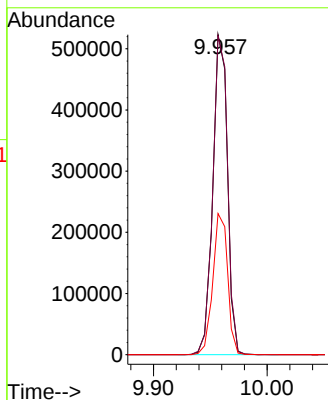
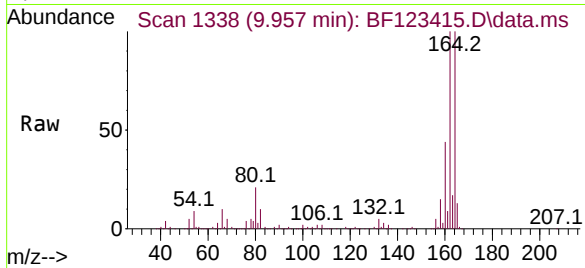




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

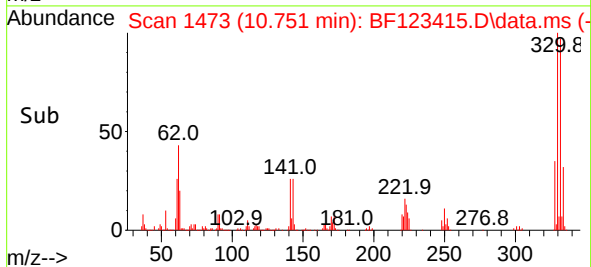
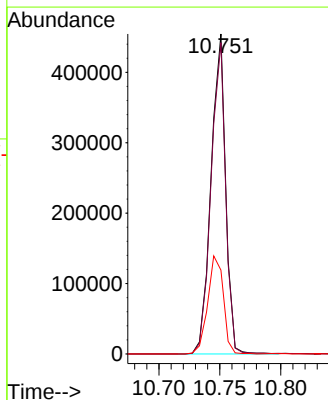
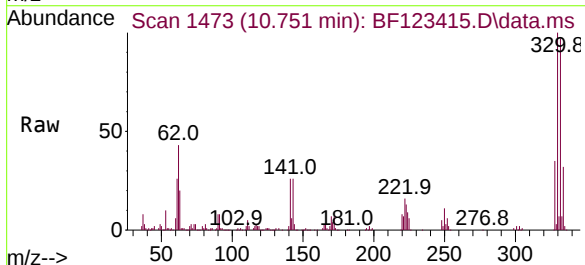
Instrument :
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ClientSampleId :
EXTERNAL-PAD-1

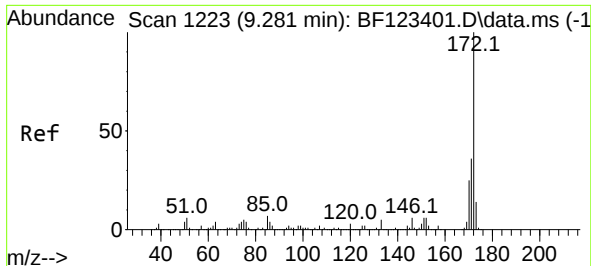
Tgt Ion:164 Resp: 467941
Ion Ratio Lower Upper
164 100
162 99.6 80.8 121.2
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 72.31 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion:330 Resp: 378280
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 32.8 23.8 35.8

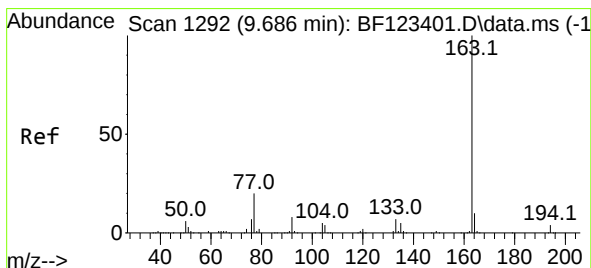
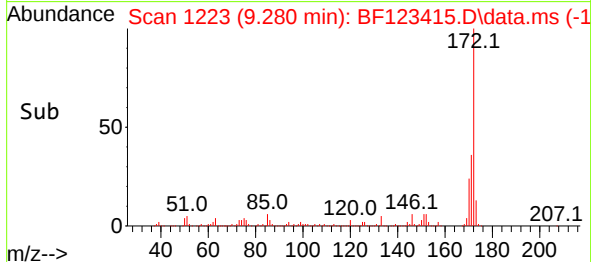
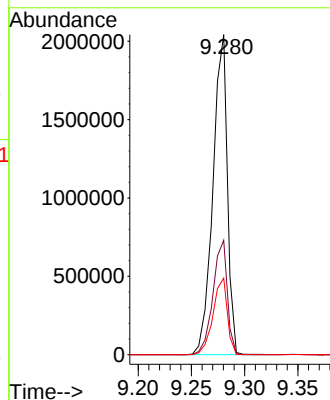
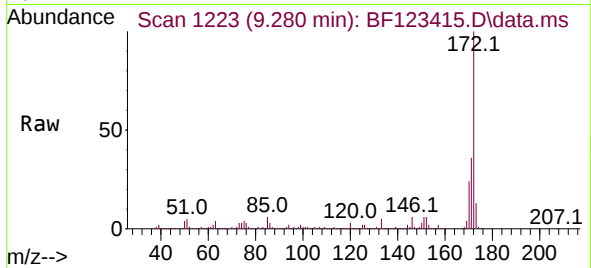




#45
2-Fluorobiphenyl
Concen: 59.03 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

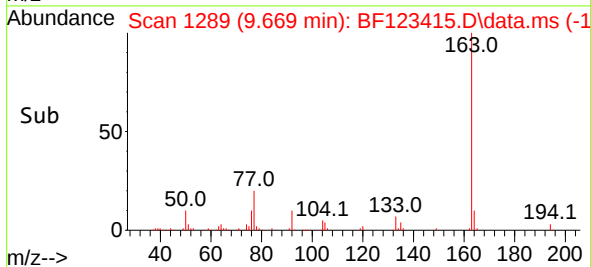
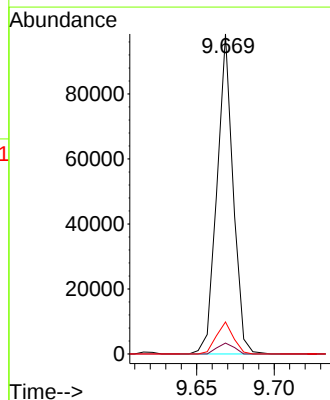
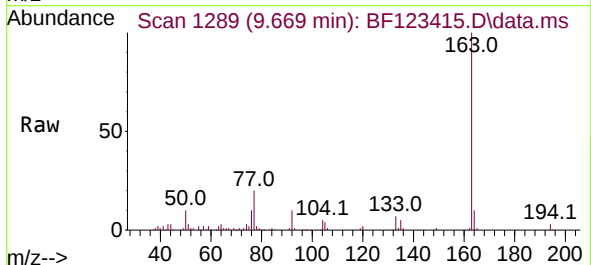
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EXTERNAL-PAD-1

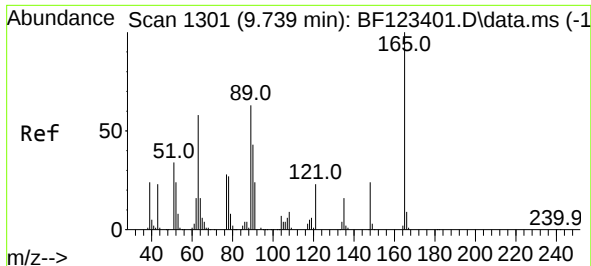
Tgt Ion:172 Resp: 1933622
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 2.14 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion:163 Resp: 71275
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.0
164 10.0 8.1 12.1

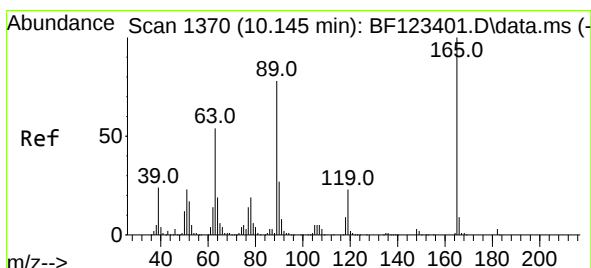
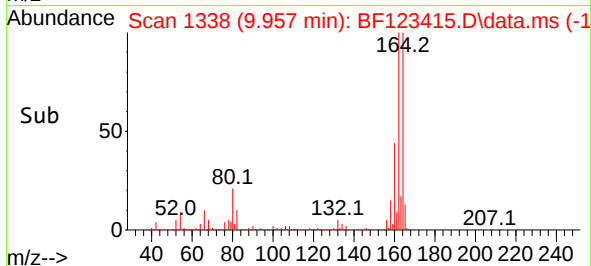
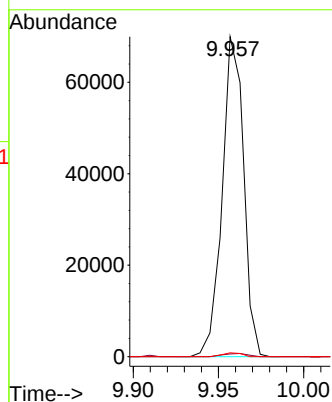
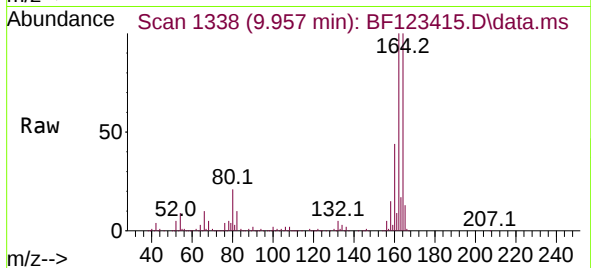




#51
2,6-Dinitrotoluene
Concen: 8.82 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

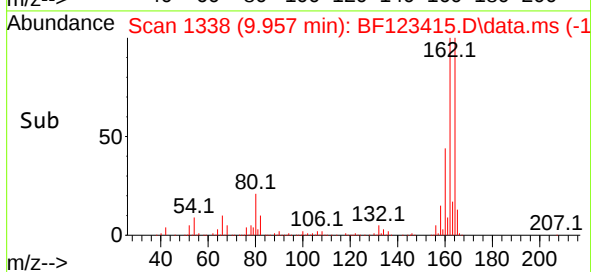
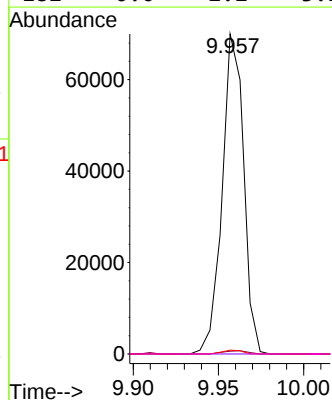
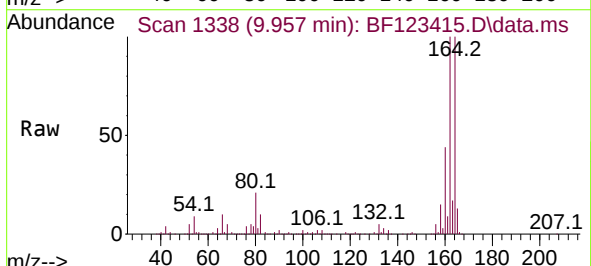
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

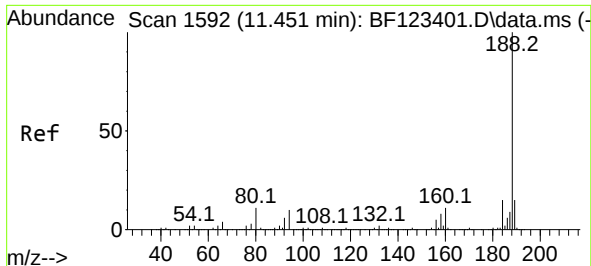
Tgt Ion:165 Resp: 61251
Ion Ratio Lower Upper
165 100
63 0.9 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion:165 Resp: 61251
Ion Ratio Lower Upper
165 100
63 0.9 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

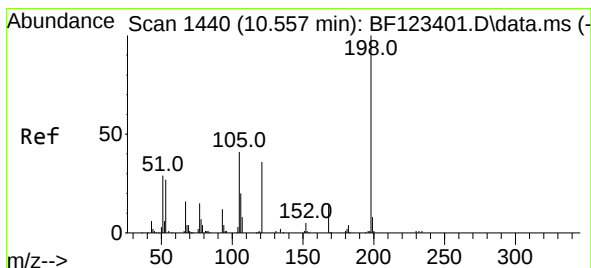
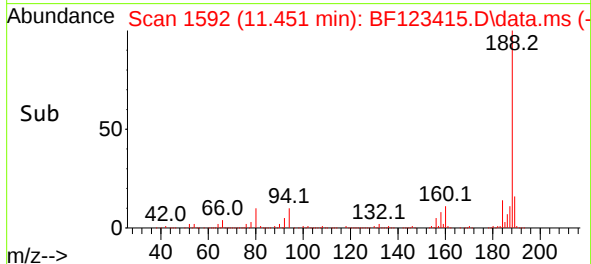
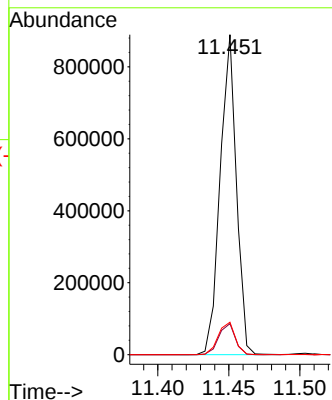
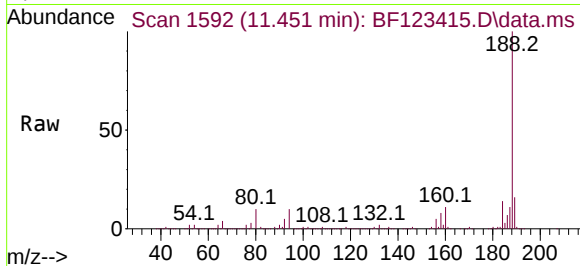




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

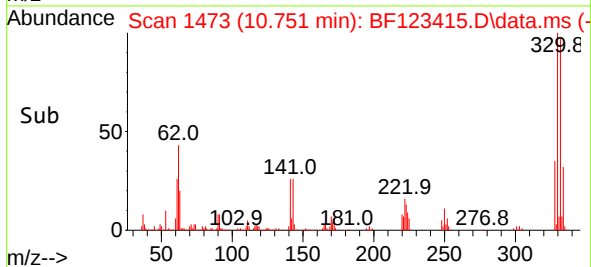
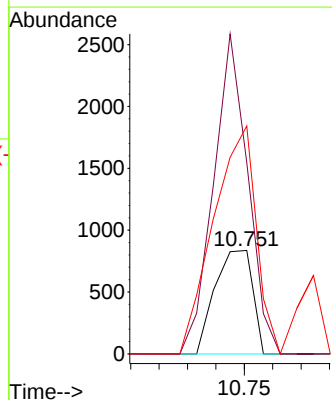
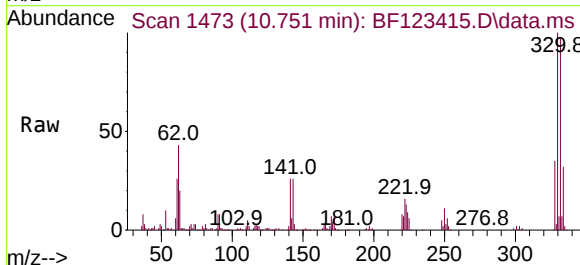
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

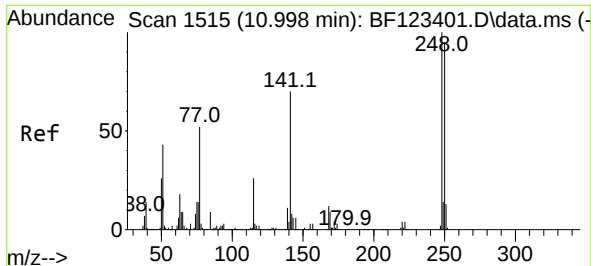
Tgt Ion:188 Resp: 706874
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.1 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.30 ng
RT: 10.751 min Scan# 1473
Delta R.T. 0.194 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion:198 Resp: 768
Ion Ratio Lower Upper
198 100
51 185.0 20.3 60.3#
105 220.5 23.0 63.0#

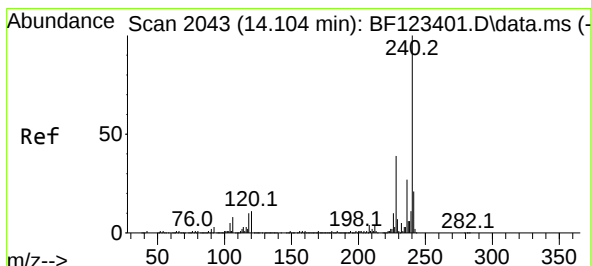
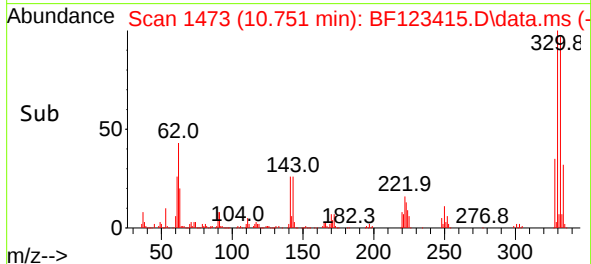
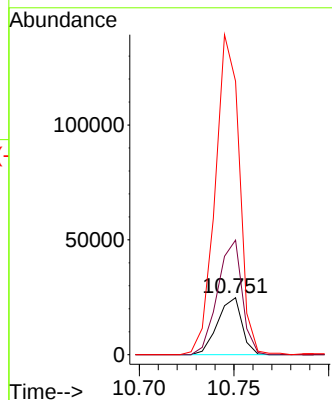
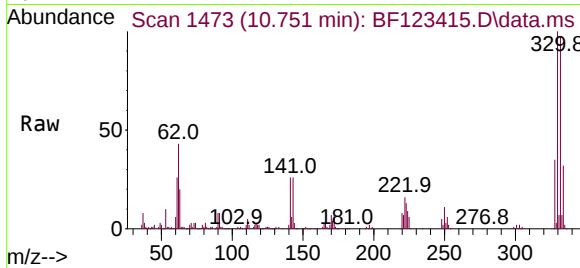




#67
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.247 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

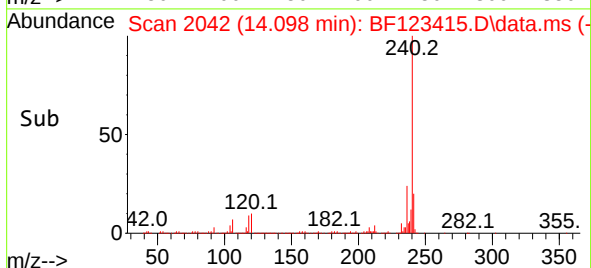
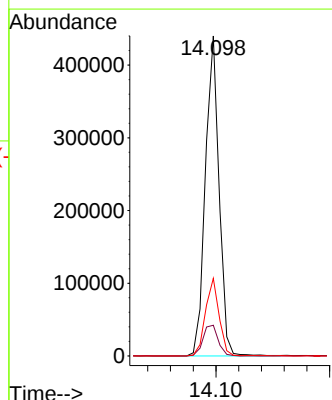
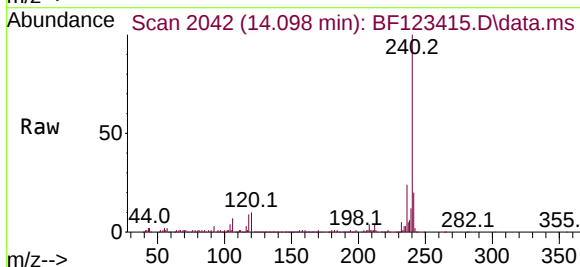
Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

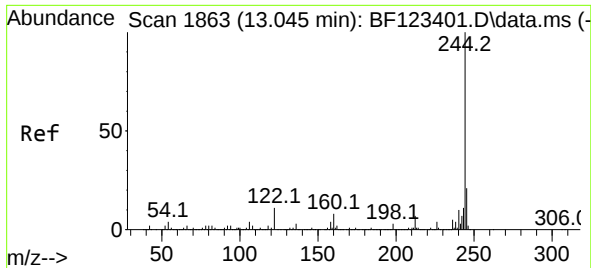
Tgt Ion:248 Resp: 22137
Ion Ratio Lower Upper
248 100
250 201.0 76.8 115.2#
141 479.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion:240 Resp: 367750
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 24.3 20.3 30.5

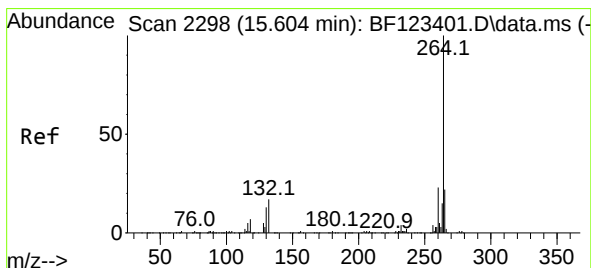
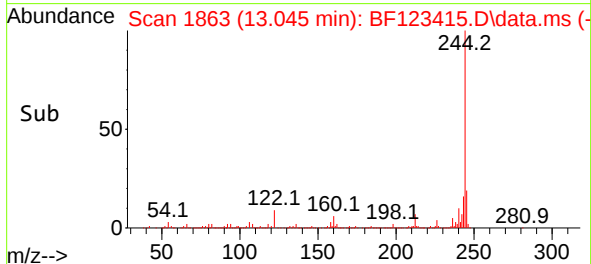
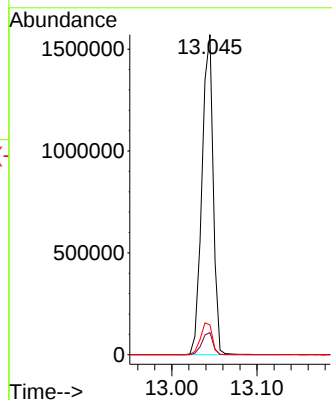
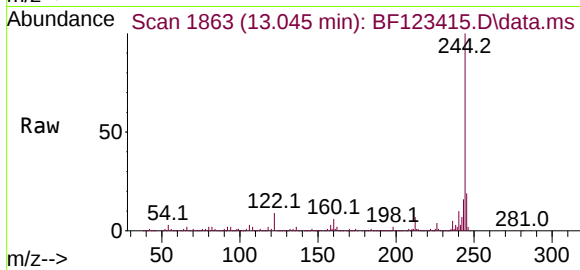




#79
Terphenyl-d14
Concen: 66.19 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Instrument :
BNA_F
ClientSampleId :
EXTERNAL-PAD-1

Tgt Ion:244 Resp: 1436284
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.3 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.603 min Scan# 2298
Delta R.T. -0.000 min
Lab File: BF123415.D
Acq: 23 Mar 2021 21:30

Tgt Ion:264 Resp: 421953
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.8 17.0 25.6

