

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
 Data File : BF122941.D
 Acq On : 8 Jan 2021 15:26
 Operator : JU/CG
 Sample : M1038-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TC-2B

Quant Time: Jan 08 16:02:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 08 01:05:04 2021
 Response via : Initial Calibration

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

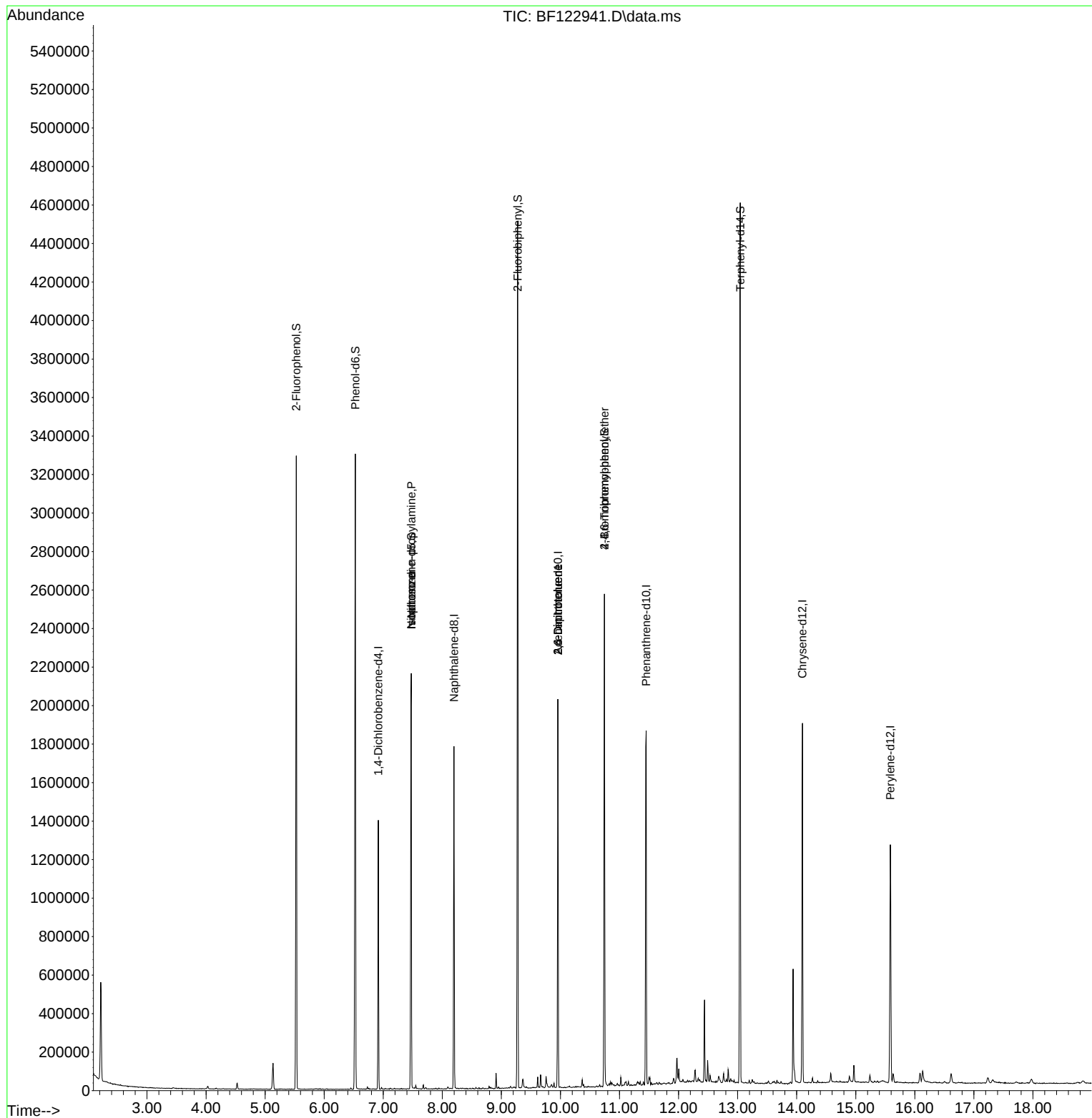
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	184618	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	702155	20.00	ng	0.00
39) Acenaphthene-d10	9.957	164	378717	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	704367	20.00	ng	0.00
76) Chrysene-d12	14.098	240	600056	20.00	ng	0.00
86) Perylene-d12	15.586	264	547236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	902899	73.42	ng	0.00
7) Phenol-d6	6.528	99	1161845	69.62	ng	-0.01
23) Nitrobenzene-d5	7.475	82	704481	49.61	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	291134	68.06	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	1365406	56.11	ng	0.00
79) Terphenyl-d14	13.045	244	1479603	45.69	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.457	77	106	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.475	70	91898	9.03	ng	# 79
25) Isophorone	7.475	82	704314	27.66	ng	# 65
51) 2,6-Dinitrotoluene	9.957	165	50075	8.31	ng	# 31
57) 2,4-Dinitrotoluene	9.957	165	50075	6.50	ng	# 25
67) 4-Bromophenyl-phenylether	10.745	248	19226	2.26	ng	# 1

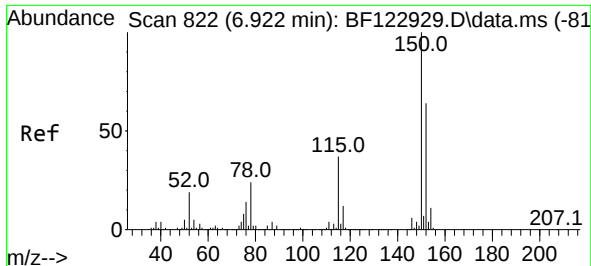
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010821\
Data File : BF122941.D
Acq On : 8 Jan 2021 15:26
Operator : JU/CG
Sample : M1038-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TC-2B

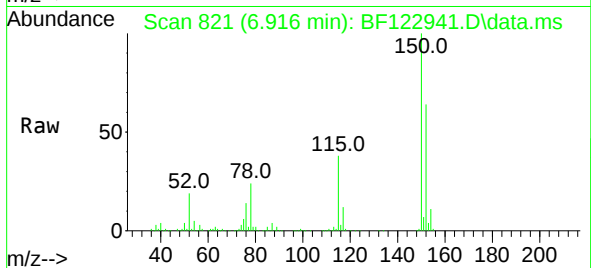
Quant Time: Jan 08 16:02:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010721.M
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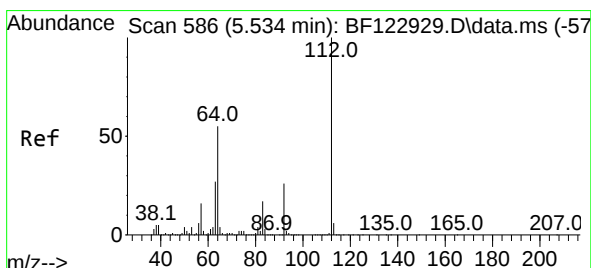
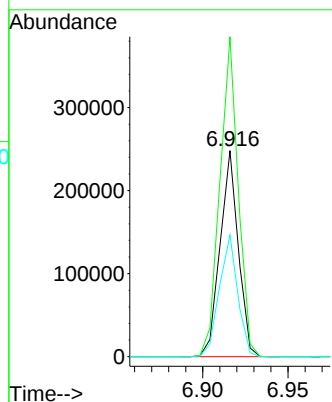
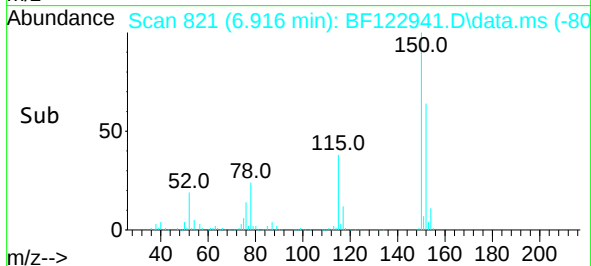


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

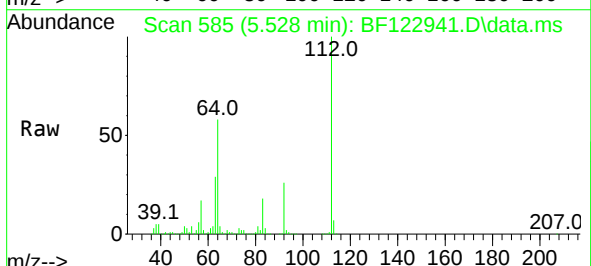
Instrument :
BNA_F
ClientSampleId :
TC-2B



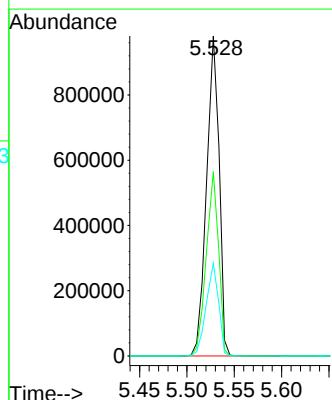
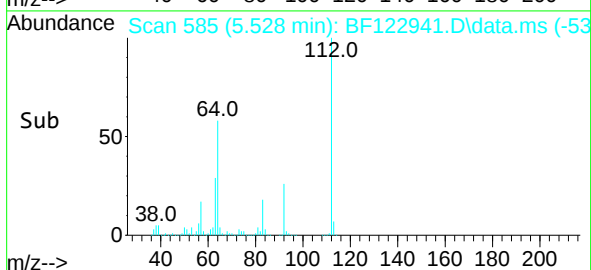
Tgt Ion:152 Resp: 184618
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 59.1 49.3 73.9

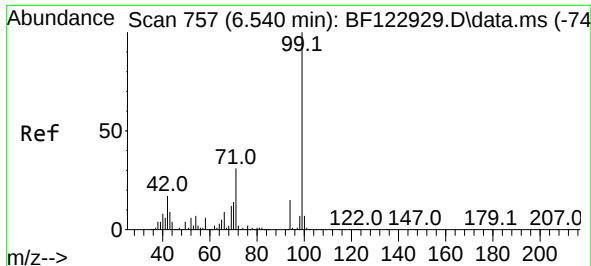


#5
2-Fluorophenol
Concen: 73.42 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26



Tgt Ion:112 Resp: 902899
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 29.0 24.5 36.7

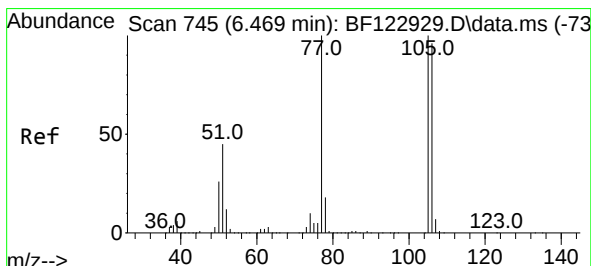
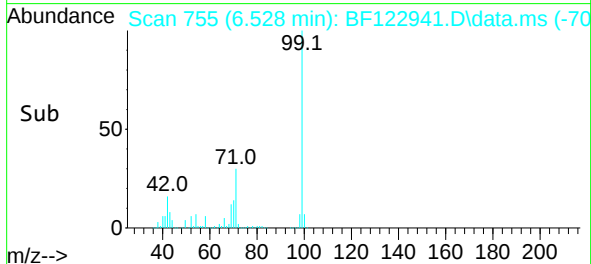
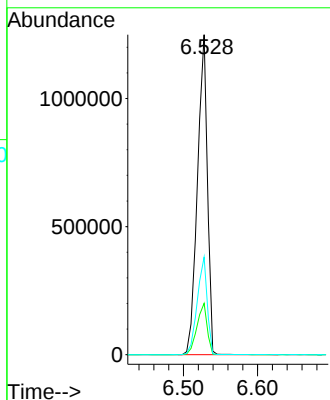
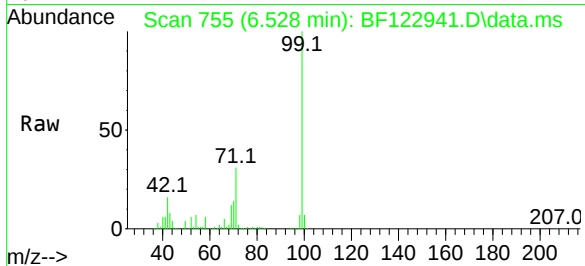




#7
Phenol-d6
Concen: 69.62 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

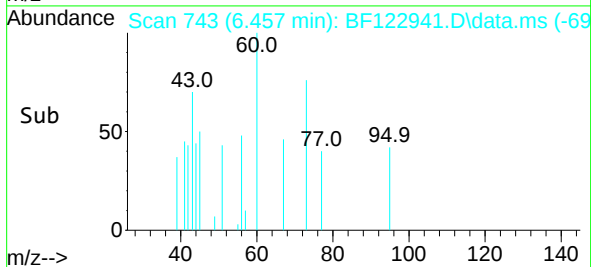
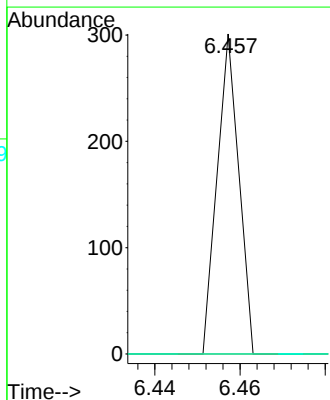
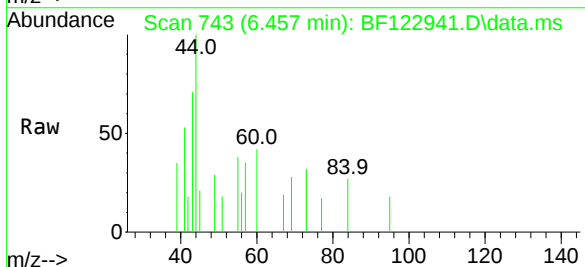
Instrument :
BNA_F
ClientSampleId :
TC-2B

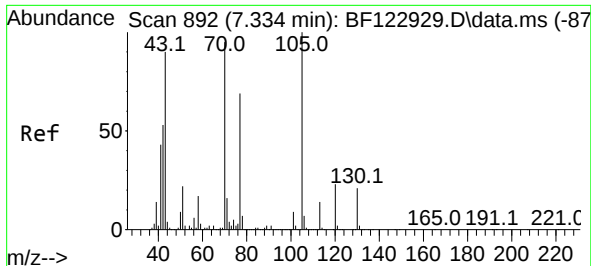
Tgt Ion: 99 Resp: 1161845
Ion Ratio Lower Upper
99 100
42 16.1 13.8 20.6
71 30.5 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Tgt Ion: 77 Resp: 106
Ion Ratio Lower Upper
77 100
105 0.0 80.6 120.6#
106 0.0 77.2 117.2#

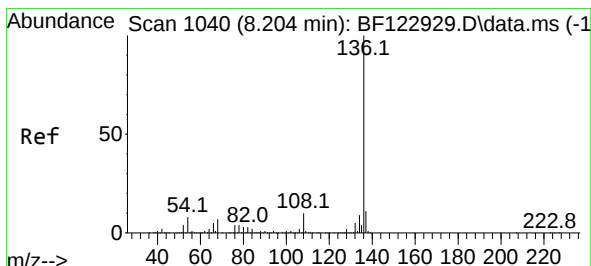
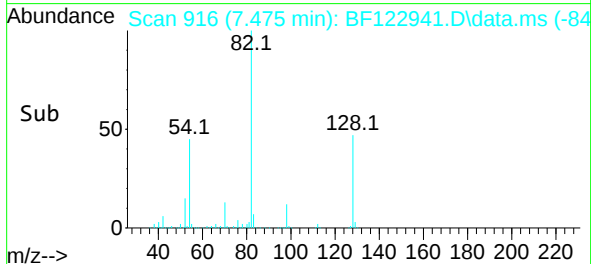
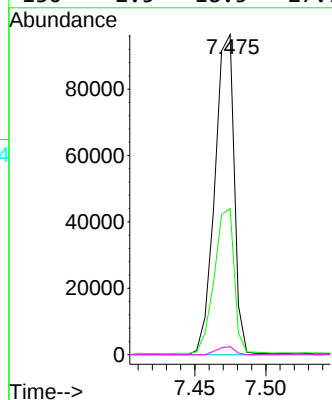
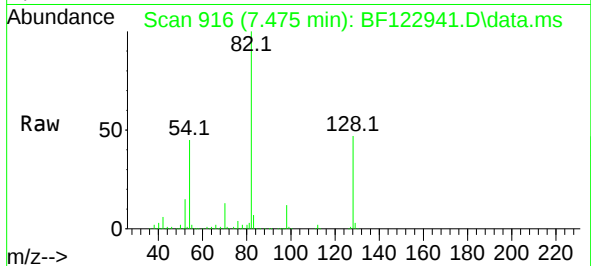




#19
n-Nitroso-di-n-propylamine
Concen: 9.03 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

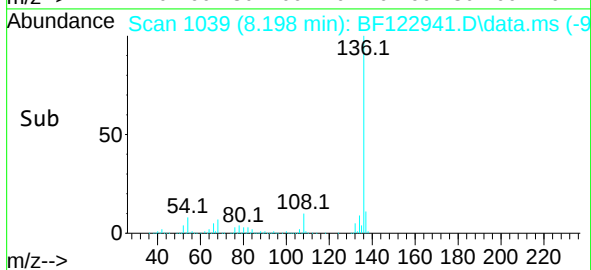
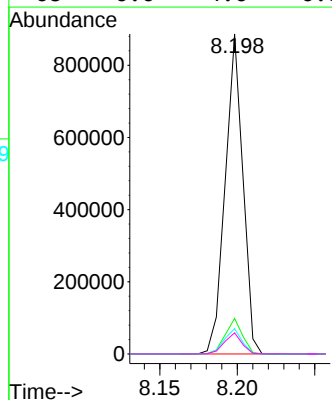
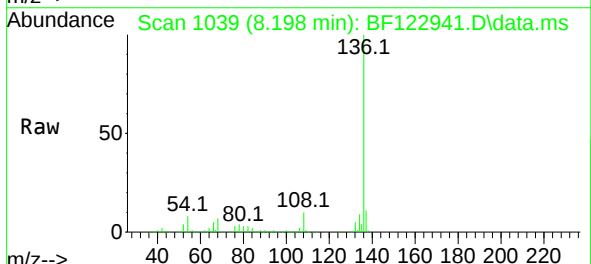
Instrument :
BNA_F
ClientSampleId :
TC-2B

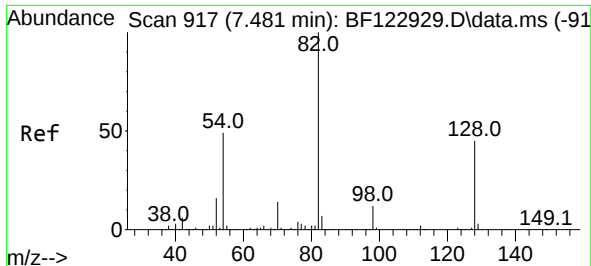
Tgt Ion: 70 Resp: 91898
Ion Ratio Lower Upper
70 100
42 45.6 43.0 64.4
101 0.0 7.9 11.9#
130 2.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Tgt Ion:136 Resp: 702155
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.9 5.5 8.3
68 6.6 4.6 6.8

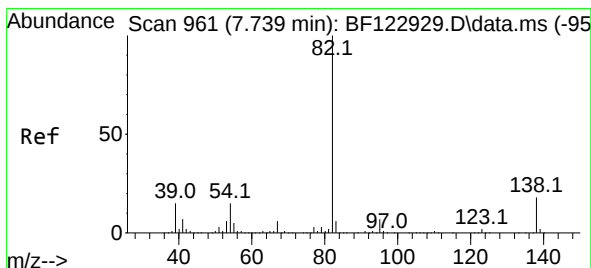
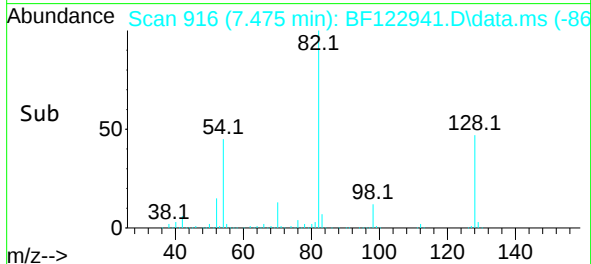
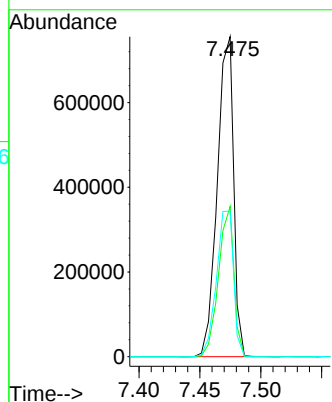
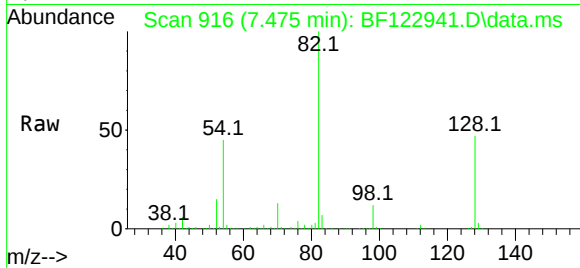




#23
Nitrobenzene-d5
Concen: 49.61 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

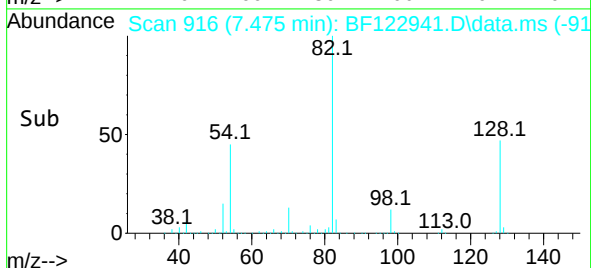
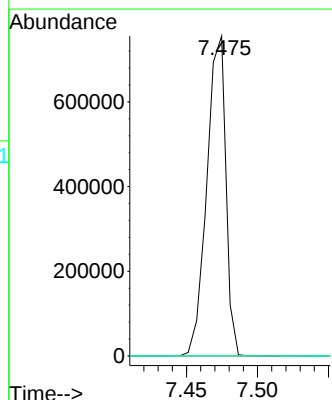
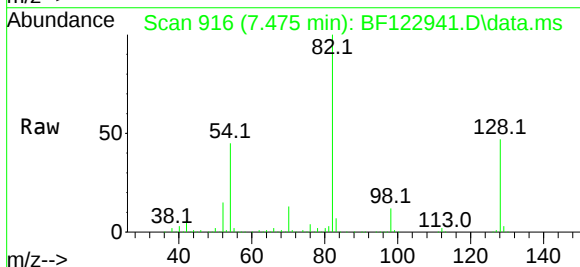
Instrument :
BNA_F
ClientSampleId :
TC-2B

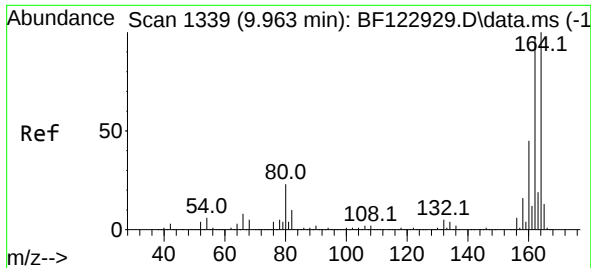
Tgt Ion: 82 Resp: 704481
Ion Ratio Lower Upper
82 100
128 47.0 37.0 55.4
54 45.5 38.4 57.6



#25
Isophorone
Concen: 27.66 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.265 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Tgt Ion: 82 Resp: 704314
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#

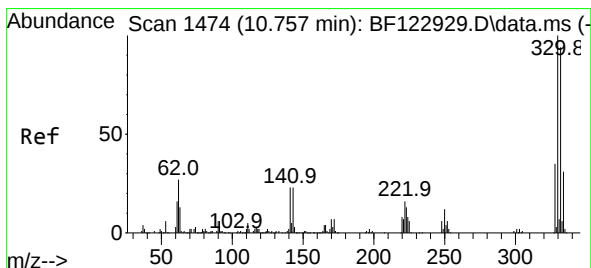
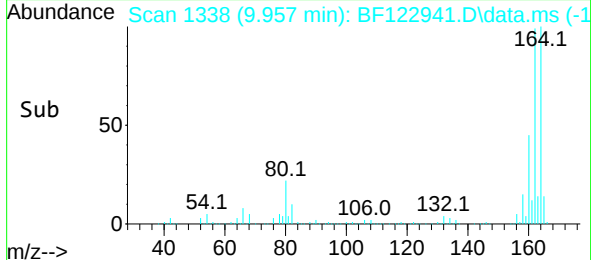
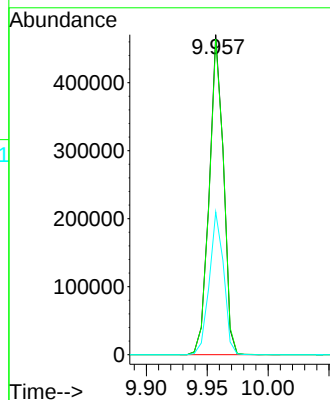
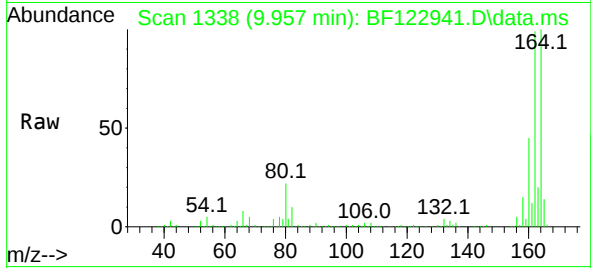




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

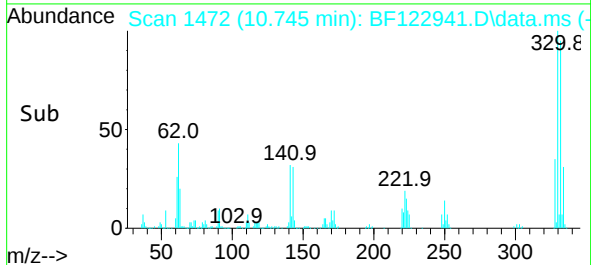
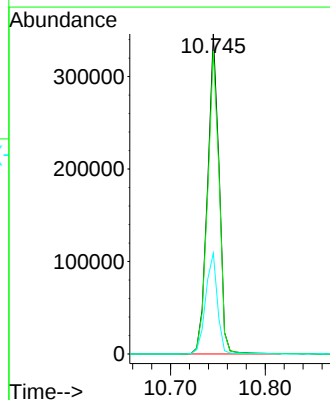
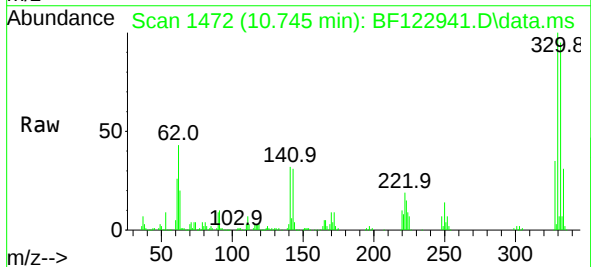
Instrument :
BNA_F
ClientSampleId :
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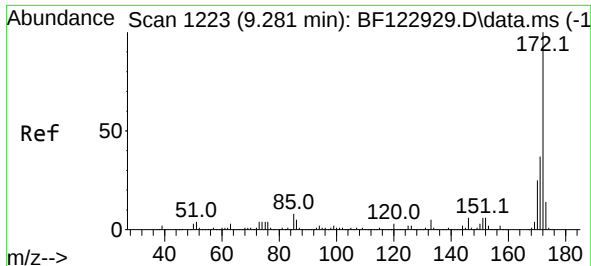
Tgt Ion:164 Resp: 378717
Ion Ratio Lower Upper
164 100
162 98.6 80.8 121.2
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 68.06 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Tgt Ion:330 Resp: 291134
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 32.4 23.8 35.8

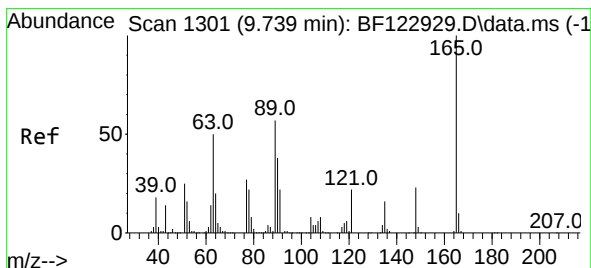
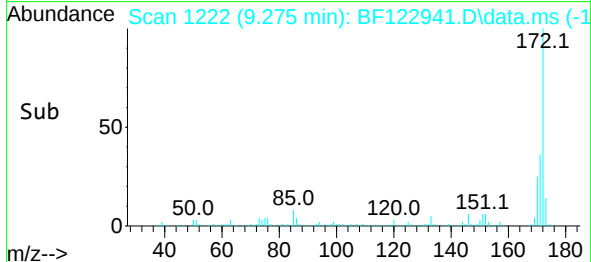
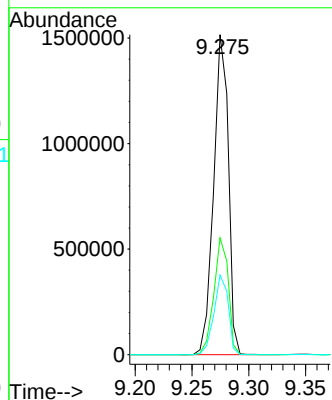
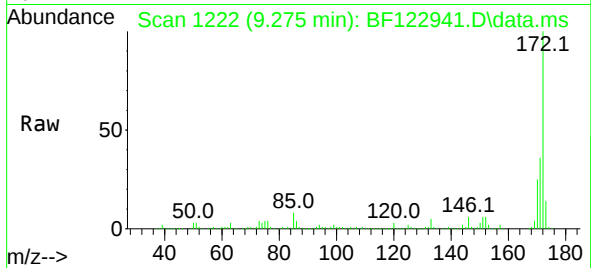




#45
2-Fluorobiphenyl
Concen: 56.11 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

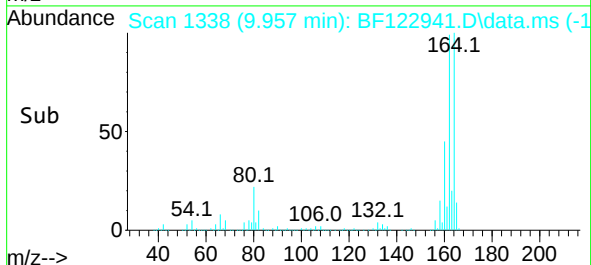
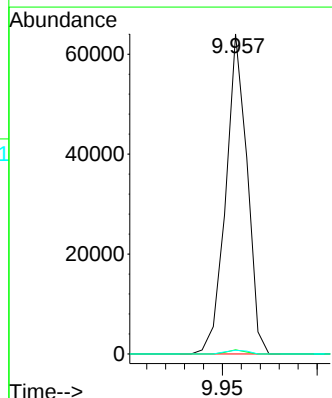
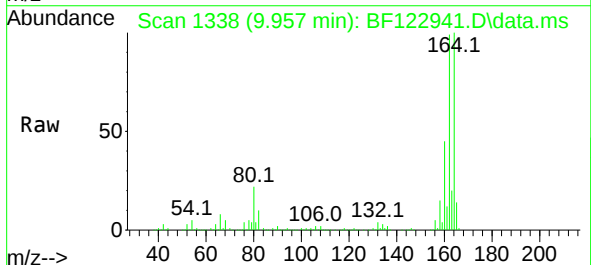
Instrument :
BNA_F
ClientSampled :
TC-2B

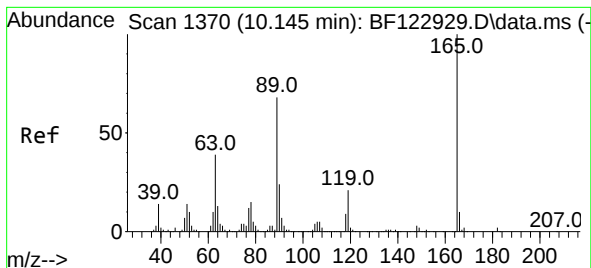
Tgt Ion:172 Resp: 1365406
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.8 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 8.31 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

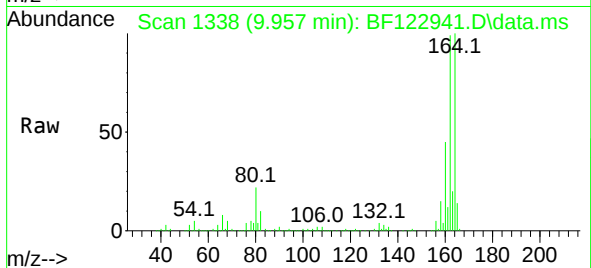
Tgt Ion:165 Resp: 50075
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.2 39.4 59.0#



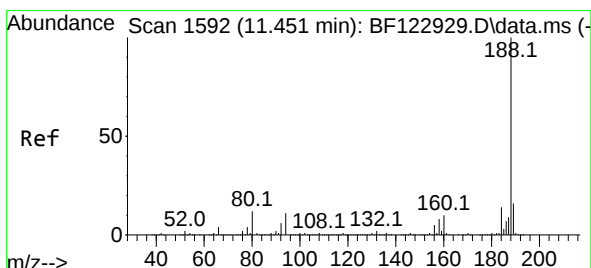
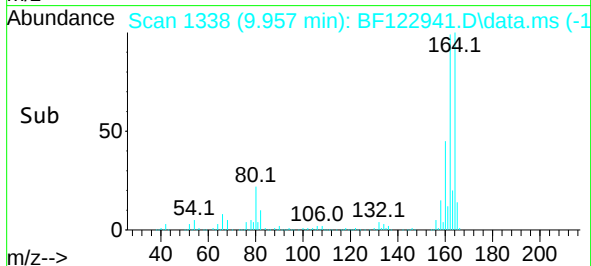
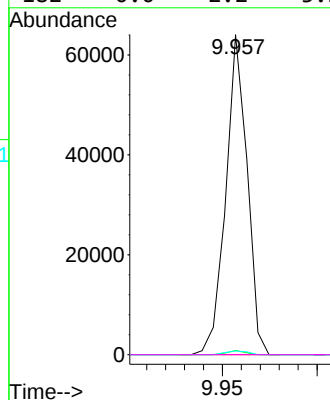


#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Instrument :
BNA_F
ClientSampled :
TC-2B

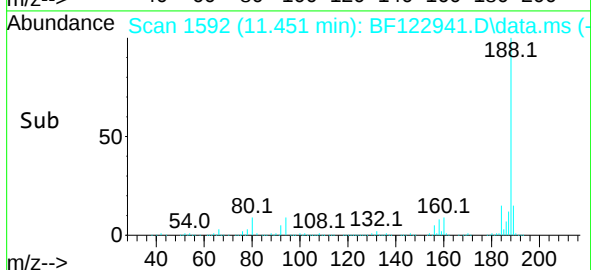
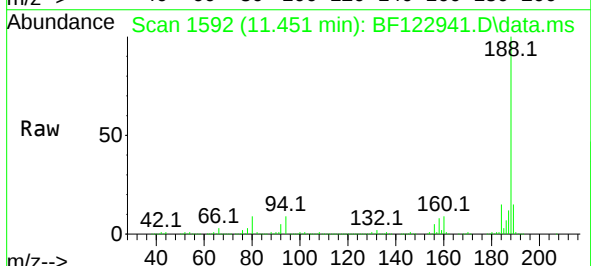
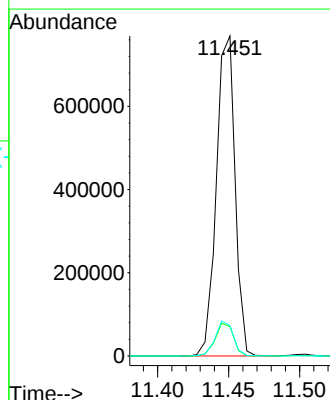


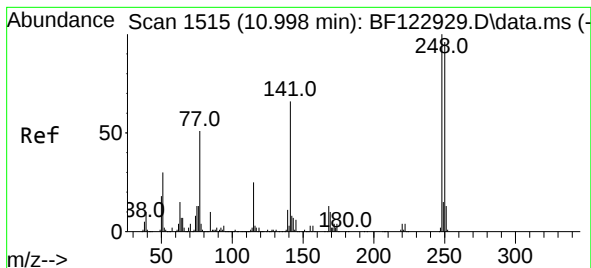
Tgt Ion:165 Resp: 50075
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Tgt Ion:188 Resp: 704367
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.5 8.2 12.4

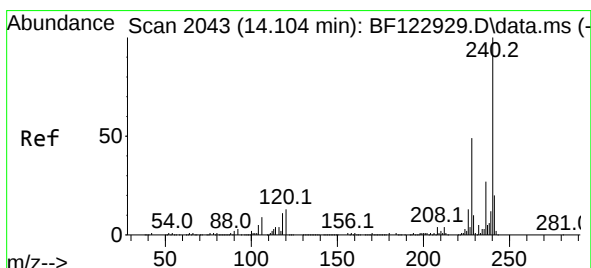
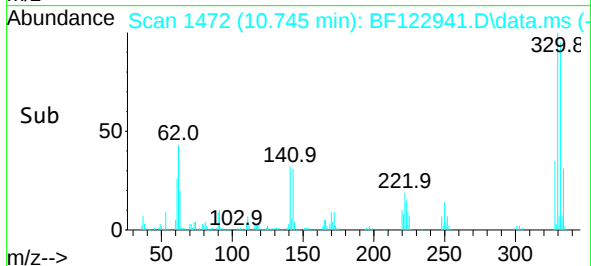
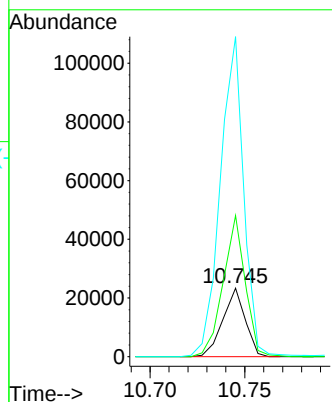
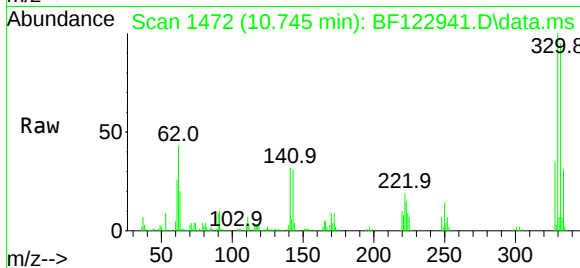




#67
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.253 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

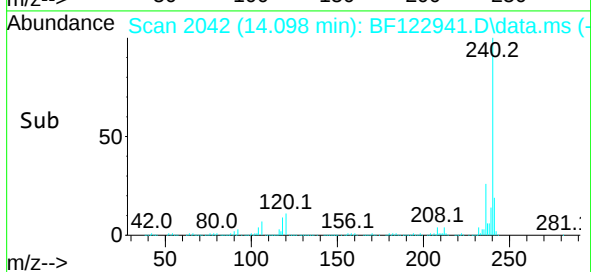
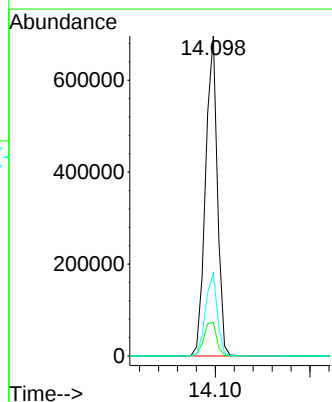
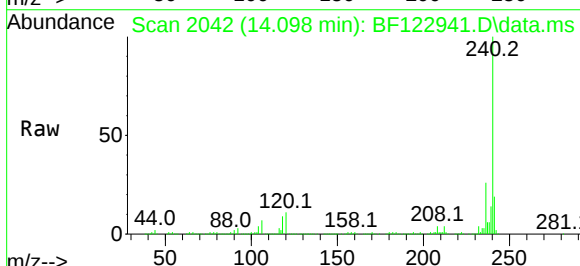
Instrument :
BNA_F
ClientSampleId :
TC-2B

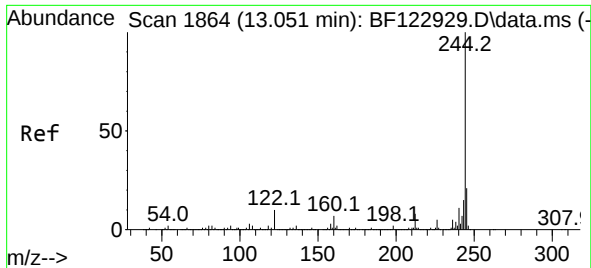
Tgt Ion:248 Resp: 19226
Ion Ratio Lower Upper
248 100
250 206.1 76.8 115.2#
141 467.4 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Tgt Ion:240 Resp: 600056
Ion Ratio Lower Upper
240 100
120 10.5 8.6 12.8
236 25.8 20.3 30.5

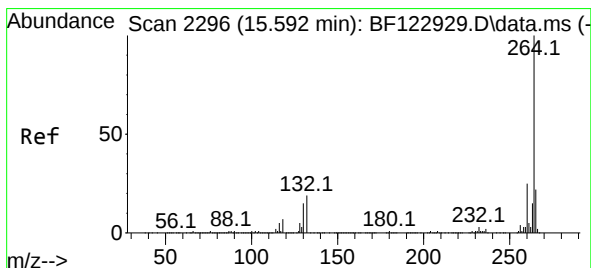
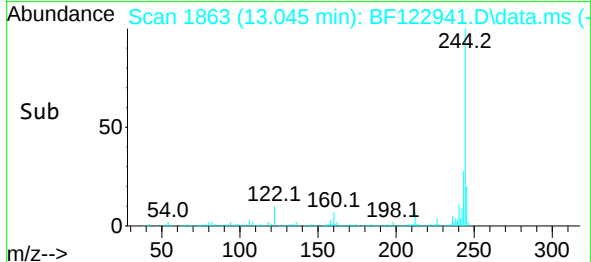
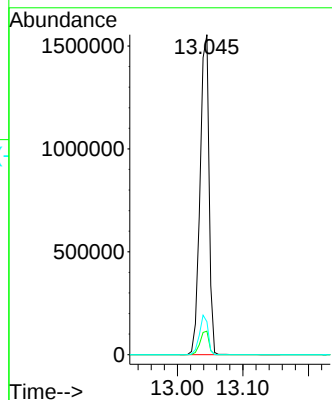
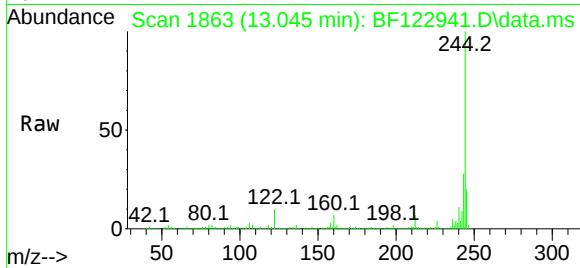




#79
Terphenyl-d14
Concen: 45.69 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Instrument :
BNA_F
ClientSampleId :
TC-2B

Tgt Ion:244 Resp: 1479603
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.3 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BF122941.D
Acq: 8 Jan 2021 15:26

Tgt Ion:264 Resp: 547236
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 21.9 17.0 25.6

