

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123717.D
 Acq On : 24 Apr 2021 15:14
 Operator : JU/CG
 Sample : M2149-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-9.5-10.0-DUP

Quant Time: Apr 26 02:59:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

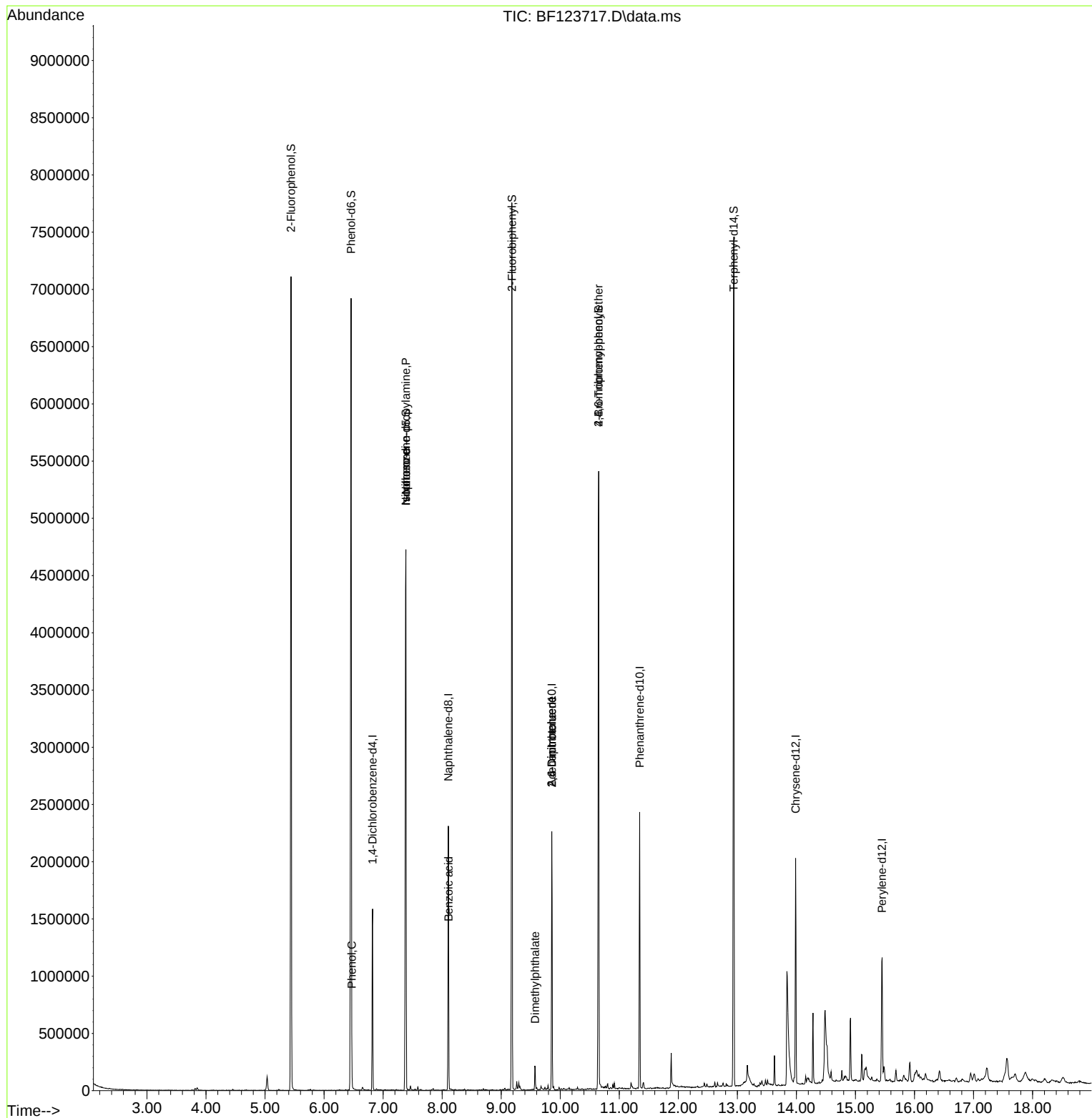
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	216347	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	813802	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	404936	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	790638	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	648012	20.00	ng	#-0.04
86) Perylene-d12	15.451	264	506897	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1610700	120.33	ng	-0.02
7) Phenol-d6	6.457	99	2159368	116.42	ng	-0.02
23) Nitrobenzene-d5	7.386	82	1541091	87.06	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	638793	139.31	ng	-0.02
45) 2-Fluorobiphenyl	9.180	172	2201794	81.06	ng	-0.02
79) Terphenyl-d14	12.939	244	2362235	70.85	ng	-0.02
Target Compounds						
						Qvalue
10) Phenol	6.469	94	64880	3.29	ng	91
19) n-Nitroso-di-n-propyla...	7.386	70	214232	17.44	ng	# 72
25) Isophorone	7.386	82	1541076	44.87	ng	# 69
32) Benzoic acid	8.110	122	109	4.56	ng	# 1
50) Dimethylphthalate	9.574	163	69874	2.50	ng	98
51) 2,6-Dinitrotoluene	9.857	165	51949	8.46	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	51949	6.33	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	35684	4.32	ng	# 1
89) Benzo(k)fluoranthene	15.051	252	238	Below Cal		# 1
92) Benzo(g,h,i)perylene	17.333	276	138	Below Cal		# 56

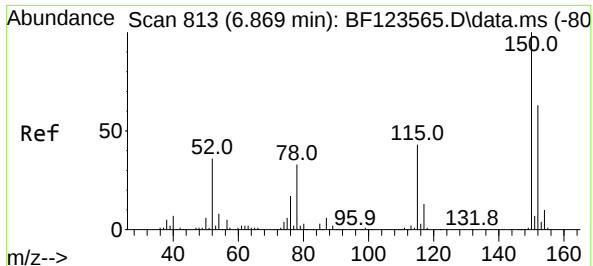
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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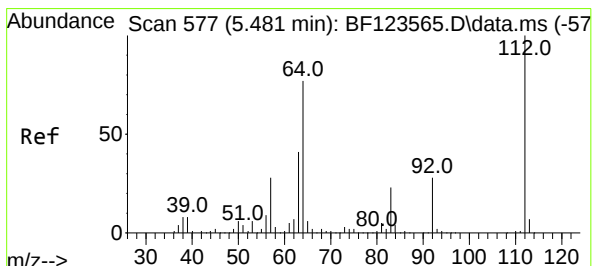
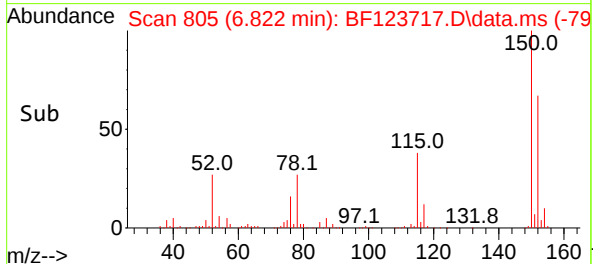
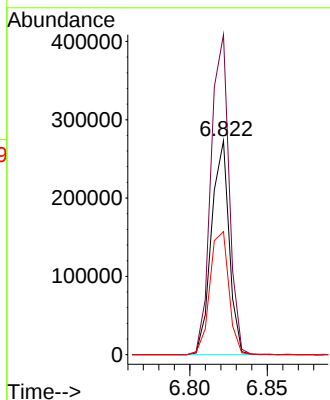
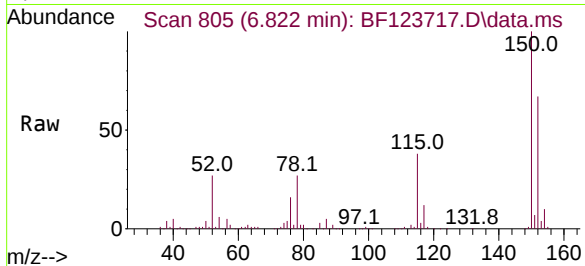




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

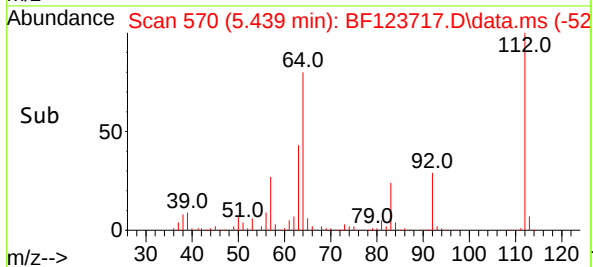
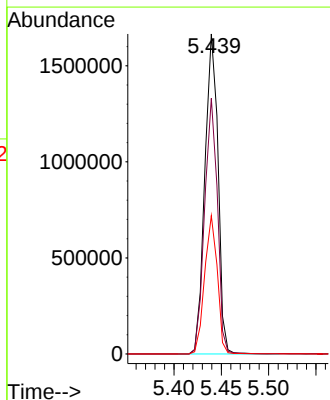
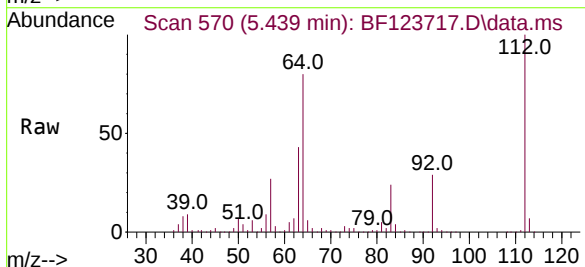
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0-DUP

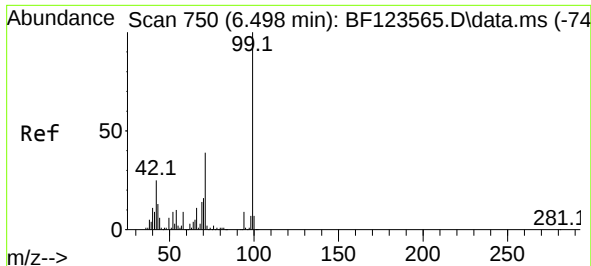
Tgt Ion:152 Resp: 216347
Ion Ratio Lower Upper
152 100
150 149.6 127.0 190.6
115 57.5 54.3 81.5



#5
2-Fluorophenol
Concen: 120.33 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

Tgt Ion:112 Resp: 1610700
Ion Ratio Lower Upper
112 100
64 79.9 61.4 92.0
63 43.2 33.0 49.4

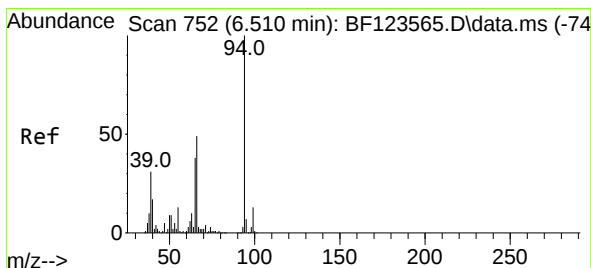
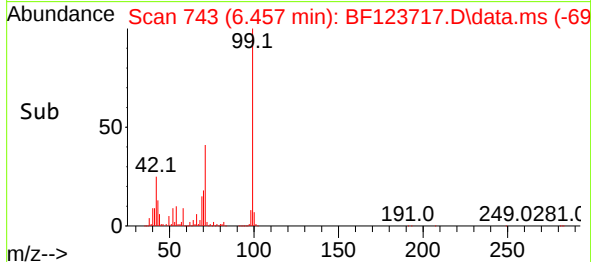
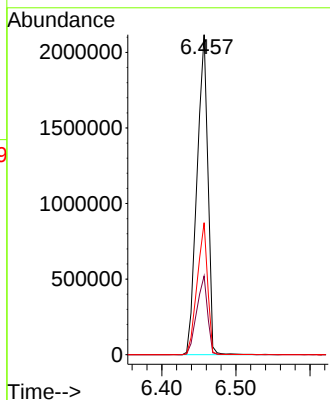
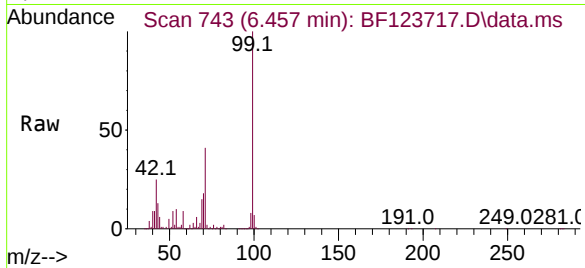




#7
Phenol-d6
Concen: 116.42 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

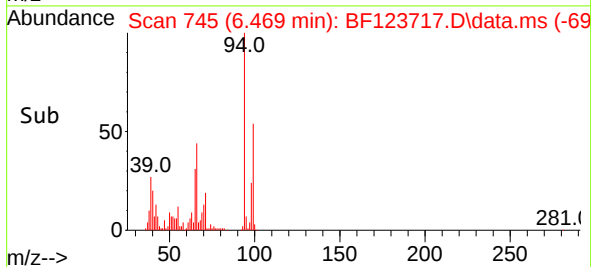
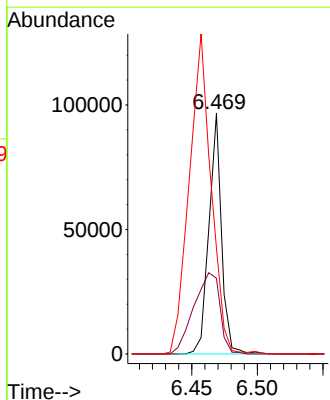
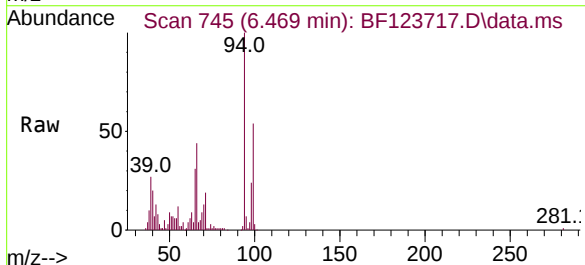
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0-DUP

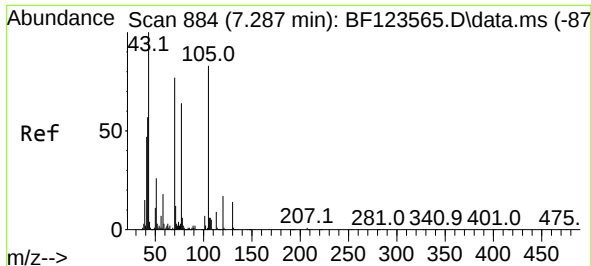
Tgt Ion: 99 Resp: 2159368
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.8
71 41.3 31.1 46.7



#10
Phenol
Concen: 3.29 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.024 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

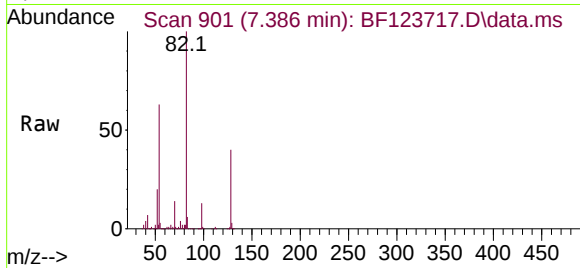
Tgt Ion: 94 Resp: 64880
Ion Ratio Lower Upper
94 100
65 31.4 18.1 58.1
66 44.0 29.0 69.0



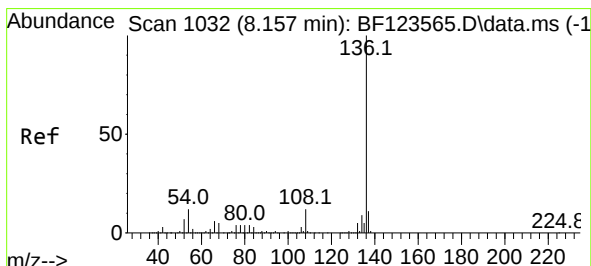
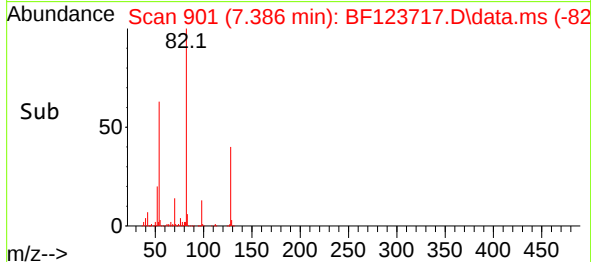
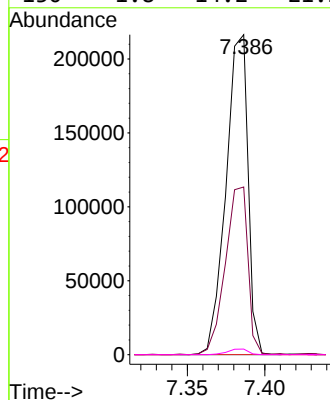


#19
n-Nitroso-di-n-propylamine
Concen: 17.44 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.129 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0-DUP

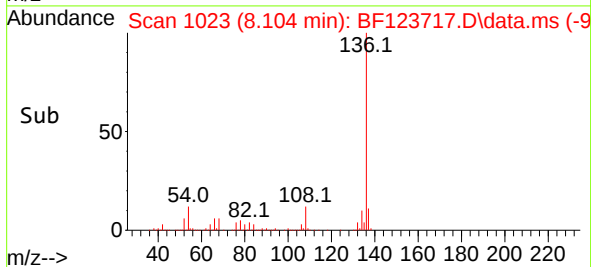
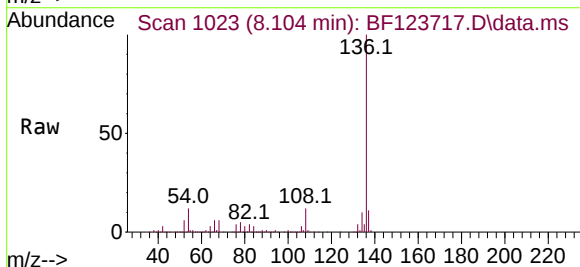
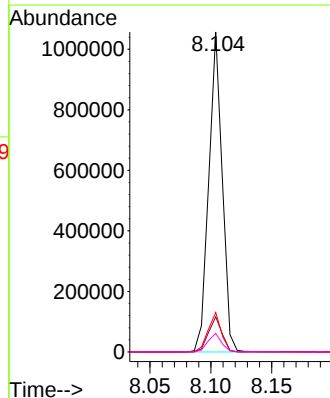


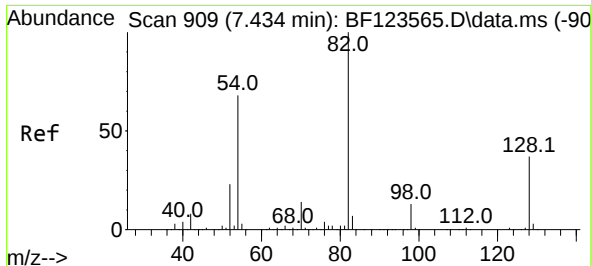
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.4	60.1	90.1#
101	0.0	7.4	11.2#
130	1.8	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	12.3	9.8	14.6
68	5.8	4.1	6.1





#23

Nitrobenzene-d5

Concen: 87.06 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.018 min

Lab File: BF123717.D

Acq: 24 Apr 2021 15:14

Tgt Ion: 82 Resp: 1541091

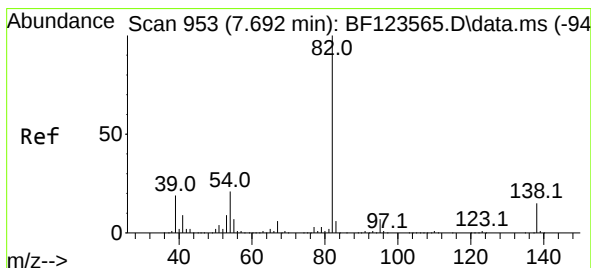
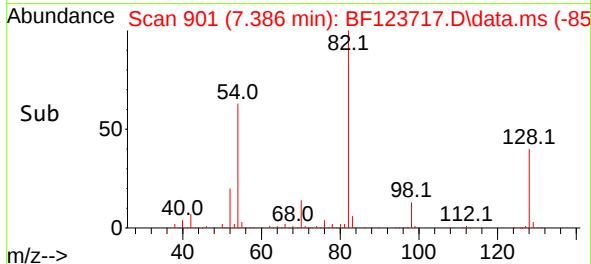
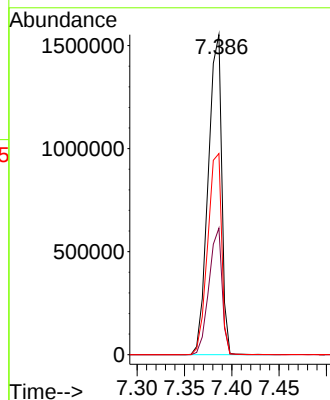
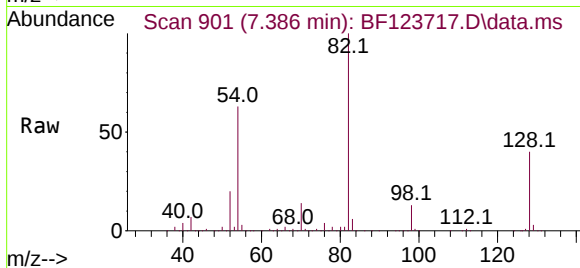
Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.4	44.2
54	62.9	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-40-9.5-10.0-DUP



#25

Isophorone

Concen: 44.87 ng

RT: 7.386 min Scan# 901

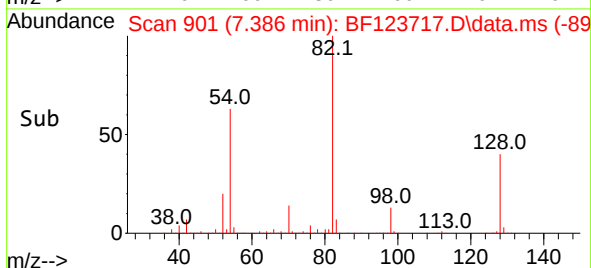
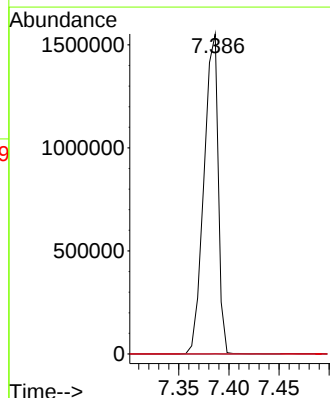
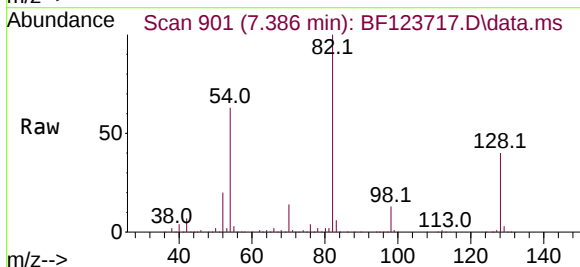
Delta R.T. -0.277 min

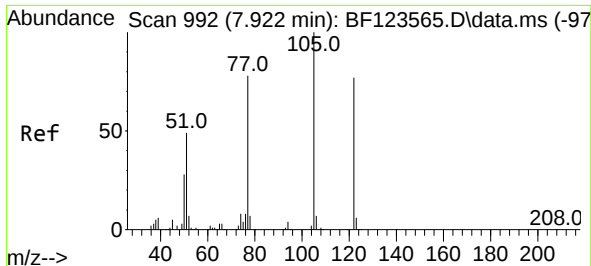
Lab File: BF123717.D

Acq: 24 Apr 2021 15:14

Tgt Ion: 82 Resp: 1541076

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

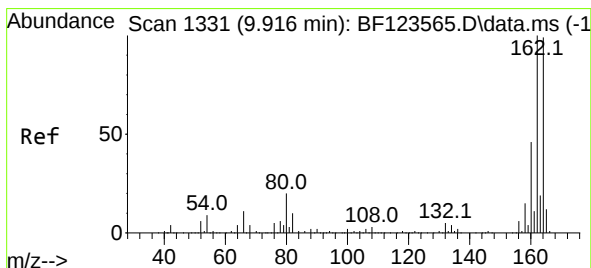
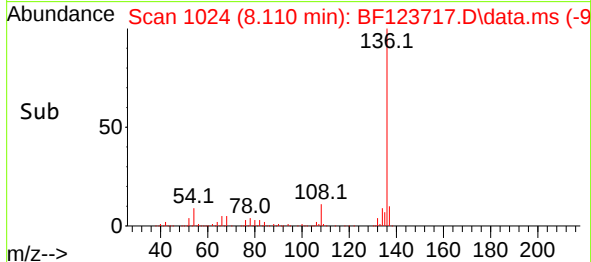
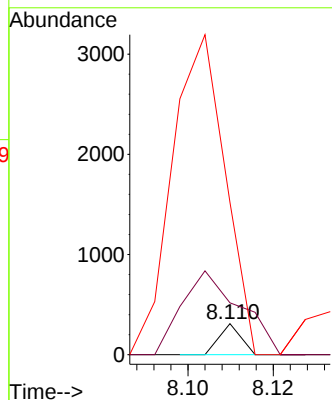
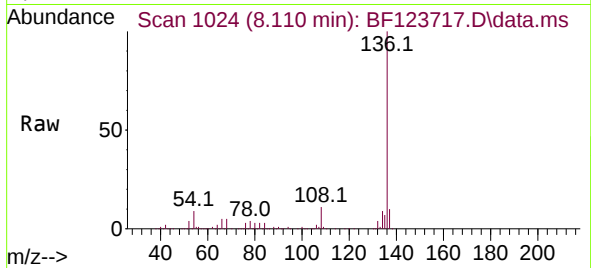




#32
Benzoic acid
Concen: 4.56 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.212 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

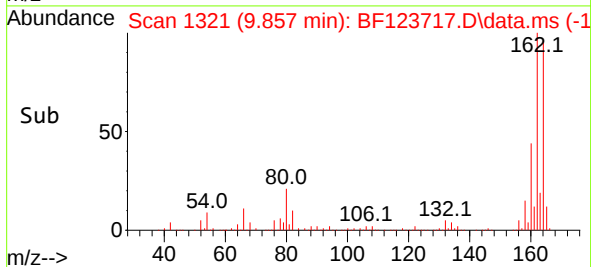
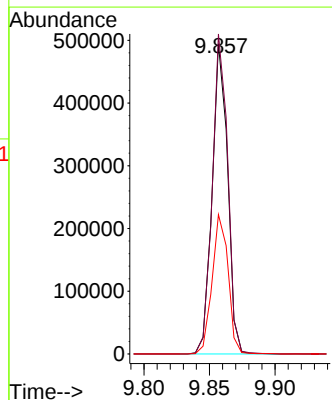
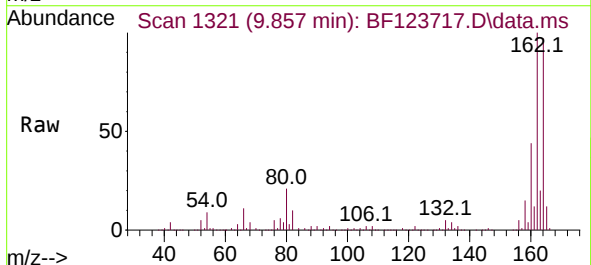
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0-DUP

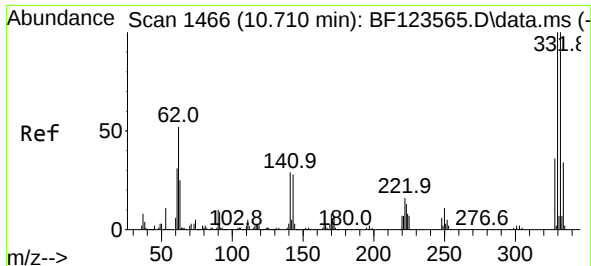
Tgt Ion:122 Resp: 109
Ion Ratio Lower Upper
122 100
105 166.8 107.8 147.8#
77 490.3 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

Tgt Ion:164 Resp: 404936
Ion Ratio Lower Upper
164 100
162 103.1 80.7 121.1
160 44.9 37.3 55.9

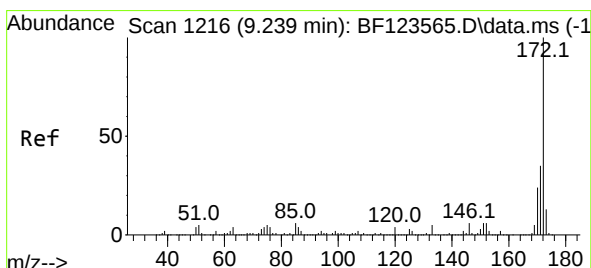
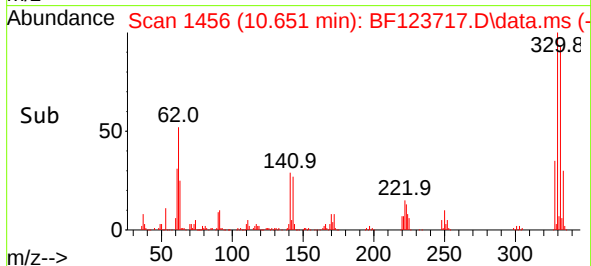
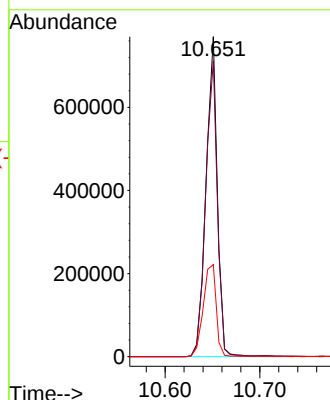
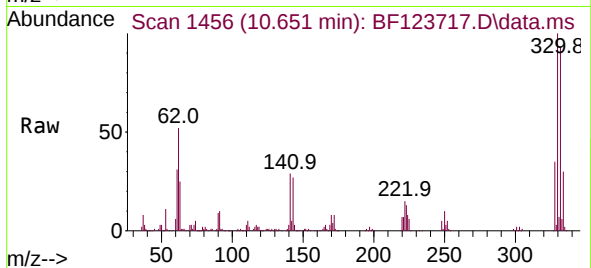




#42
2,4,6-Tribromophenol
Concen: 139.31 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

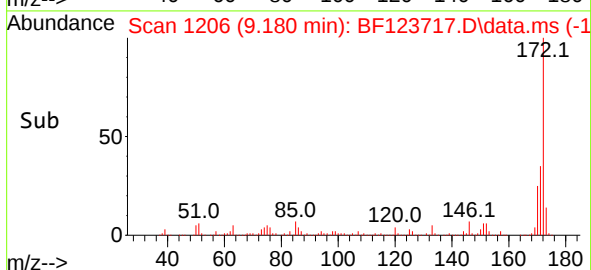
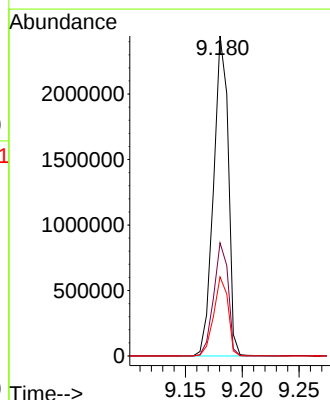
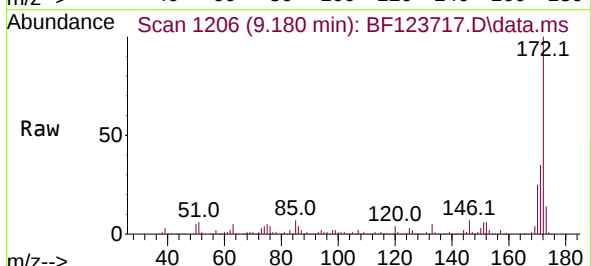
Instrument :
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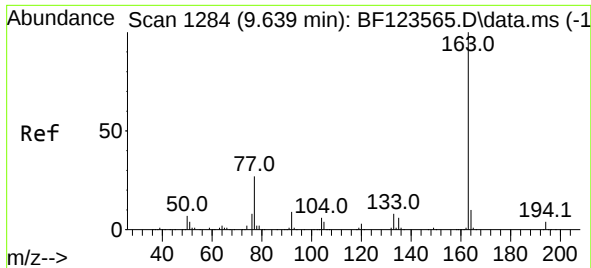
Tgt Ion: 330 Resp: 638793
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 33.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 81.06 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.024 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

Tgt Ion: 172 Resp: 2201794
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.7 19.2 28.8

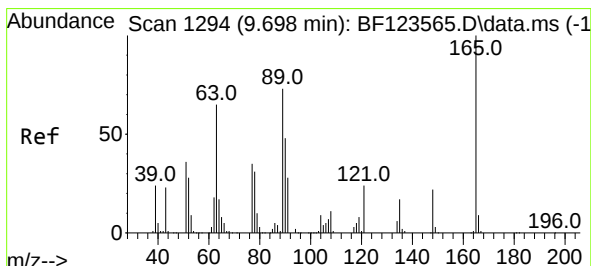
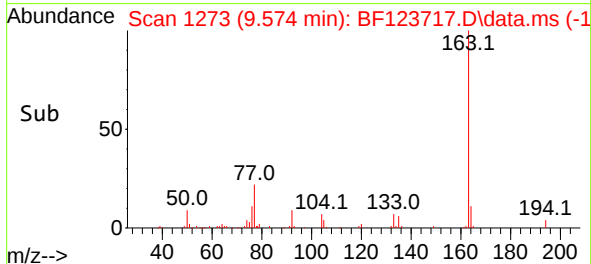
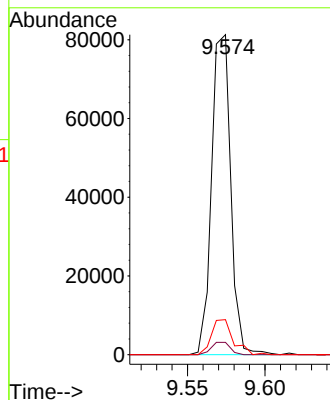
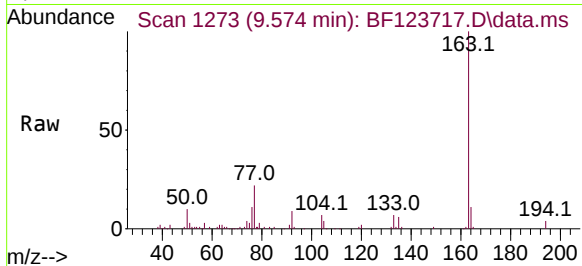




#50
Dimethylphthalate
Concen: 2.50 ng
RT: 9.574 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

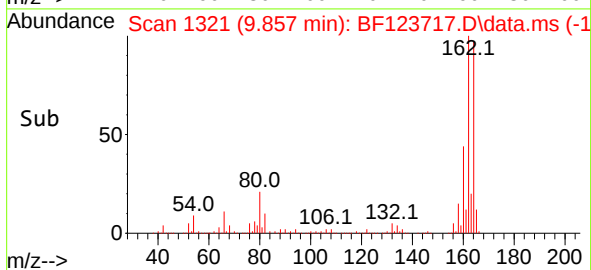
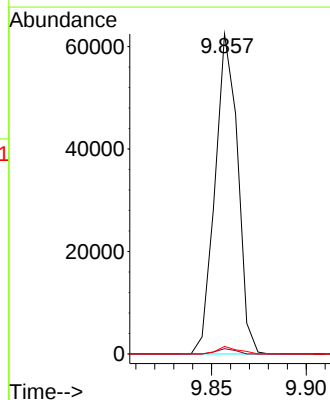
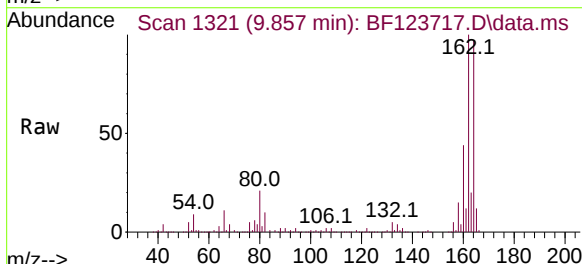
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0-DUP

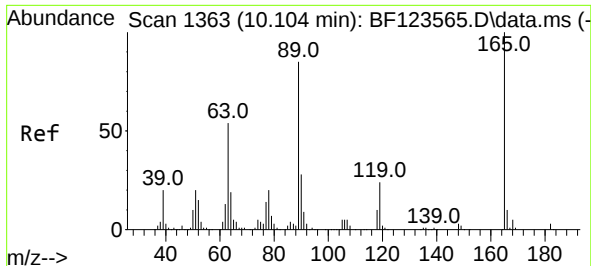
Tgt Ion:163 Resp: 69874
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 11.0 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.46 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

Tgt Ion:165 Resp: 51949
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 2.4 58.8 88.2#

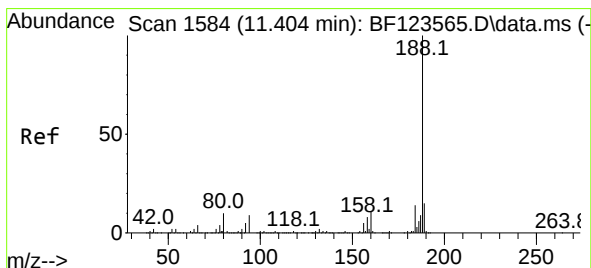
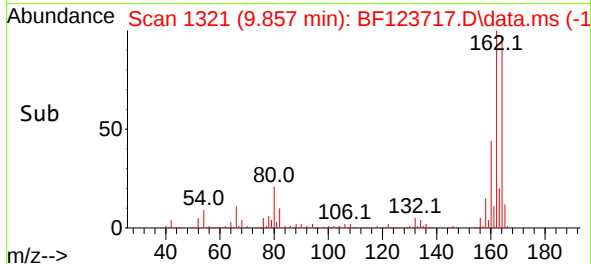
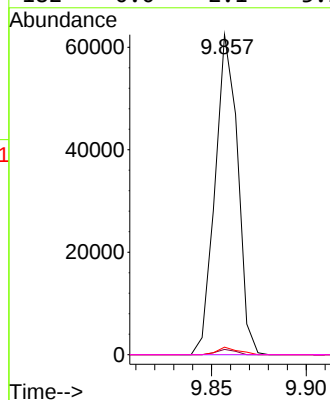
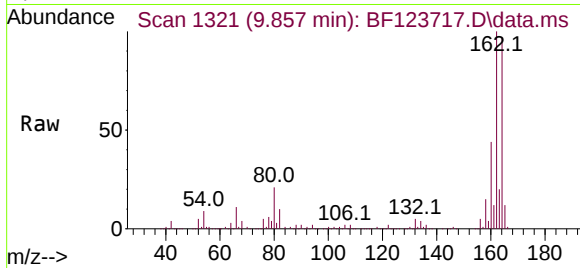




#57
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

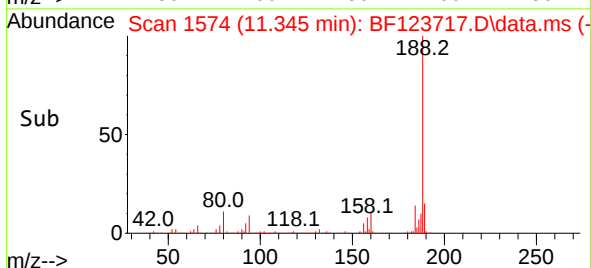
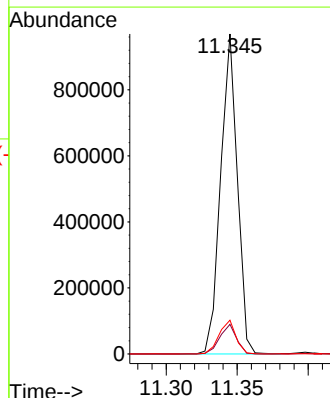
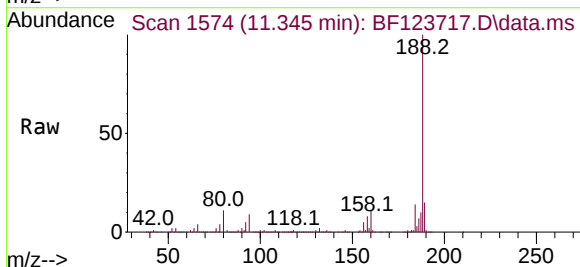
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0-DUP

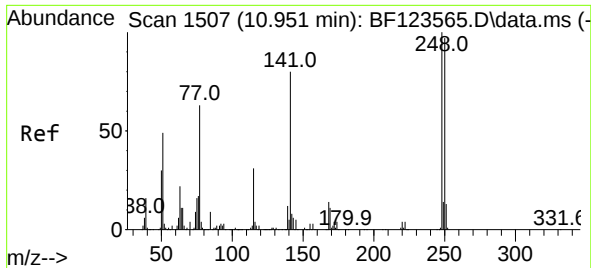
Tgt Ion:	165	Resp:	51949
Ion Ratio	Lower	Upper	
165	100		
63	1.7	43.5	65.3#
89	2.4	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

Tgt Ion:	188	Resp:	790638
Ion Ratio	Lower	Upper	
188	100		
94	9.2	6.9	10.3
80	10.5	8.2	12.2

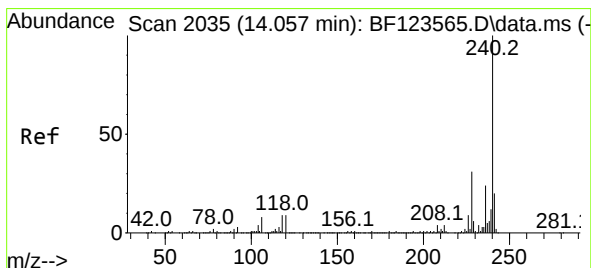
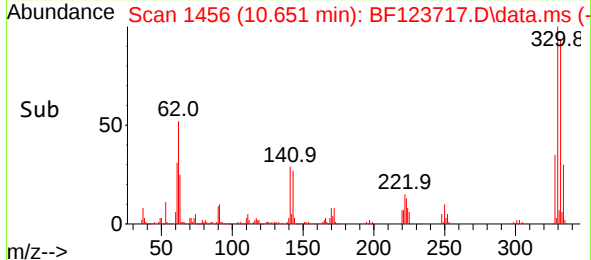
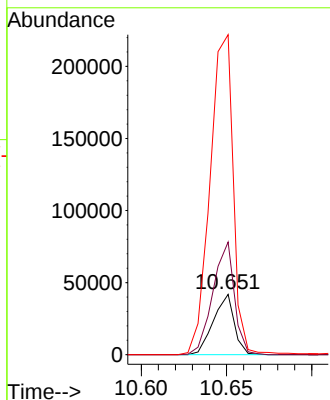
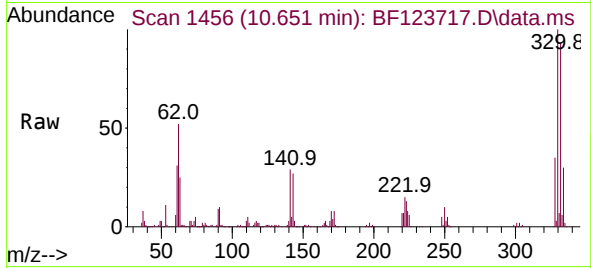




#67
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.265 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

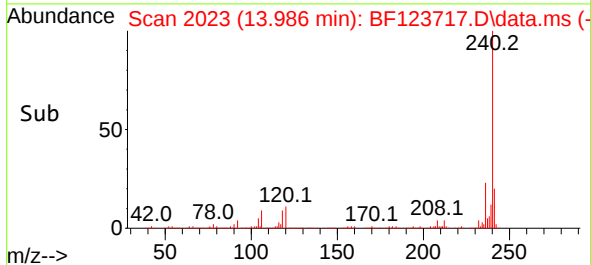
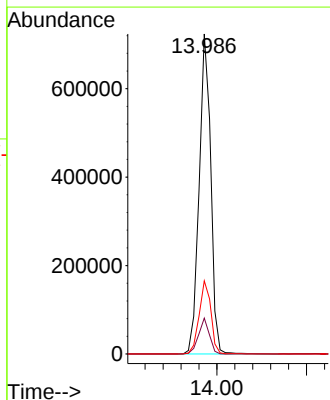
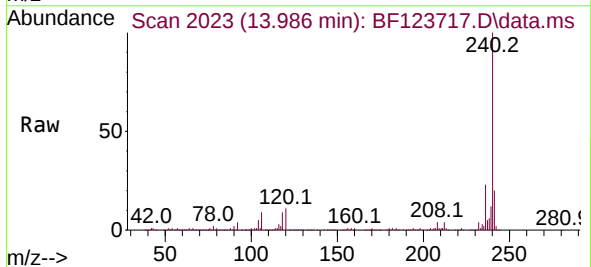
Instrument :
BNA_F
ClientSampleId :
SB-40-9.5-10.0-DUP

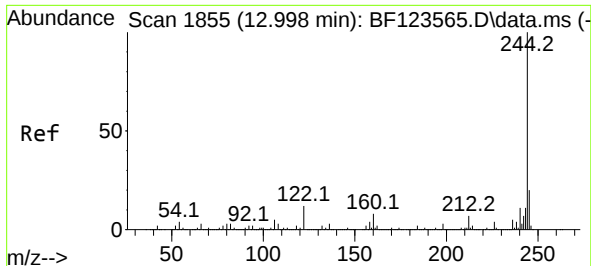
Tgt Ion:248 Resp: 35684
Ion Ratio Lower Upper
248 100
250 186.5 77.4 116.2#
141 529.7 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123717.D
Acq: 24 Apr 2021 15:14

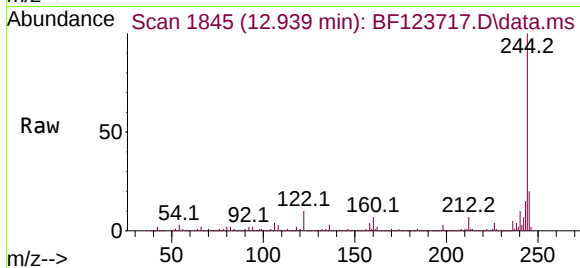
Tgt Ion:240 Resp: 648012
Ion Ratio Lower Upper
240 100
120 11.2 7.2 10.8#
236 22.9 19.0 28.4





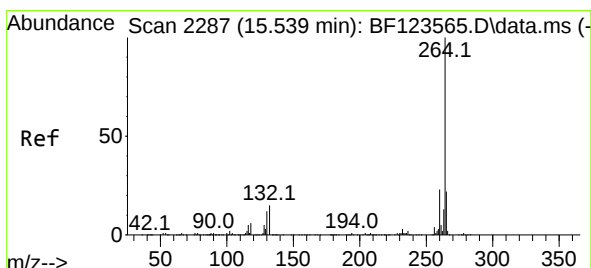
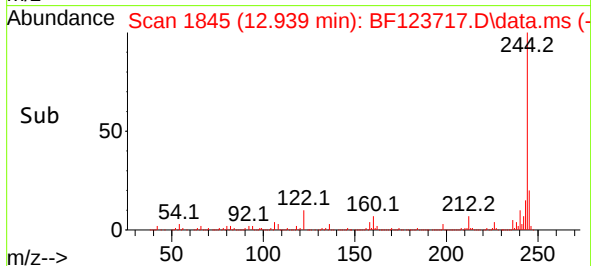
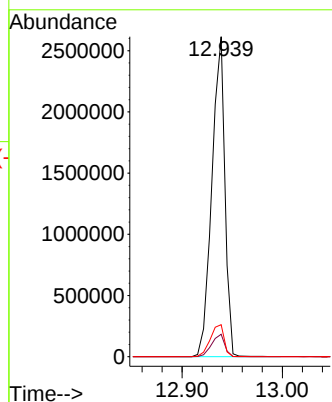
#79
 Terphenyl-d14
 Concen: 70.85 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.024 min
 Lab File: BF123717.D
 Acq: 24 Apr 2021 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-40-9.5-10.0-DUP



Tgt Ion:244 Resp: 2362235

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.0	9.7	14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.041 min
 Lab File: BF123717.D
 Acq: 24 Apr 2021 15:14

Tgt Ion:264 Resp: 506897

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	20.9	17.8	26.8

