

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123597.D
 Acq On : 16 Apr 2021 18:02
 Operator : JU/CG
 Sample : M2048-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Quant Time: Apr 17 01:24:58 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 16 10:31:33 2021
 Response via : Initial Calibration

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

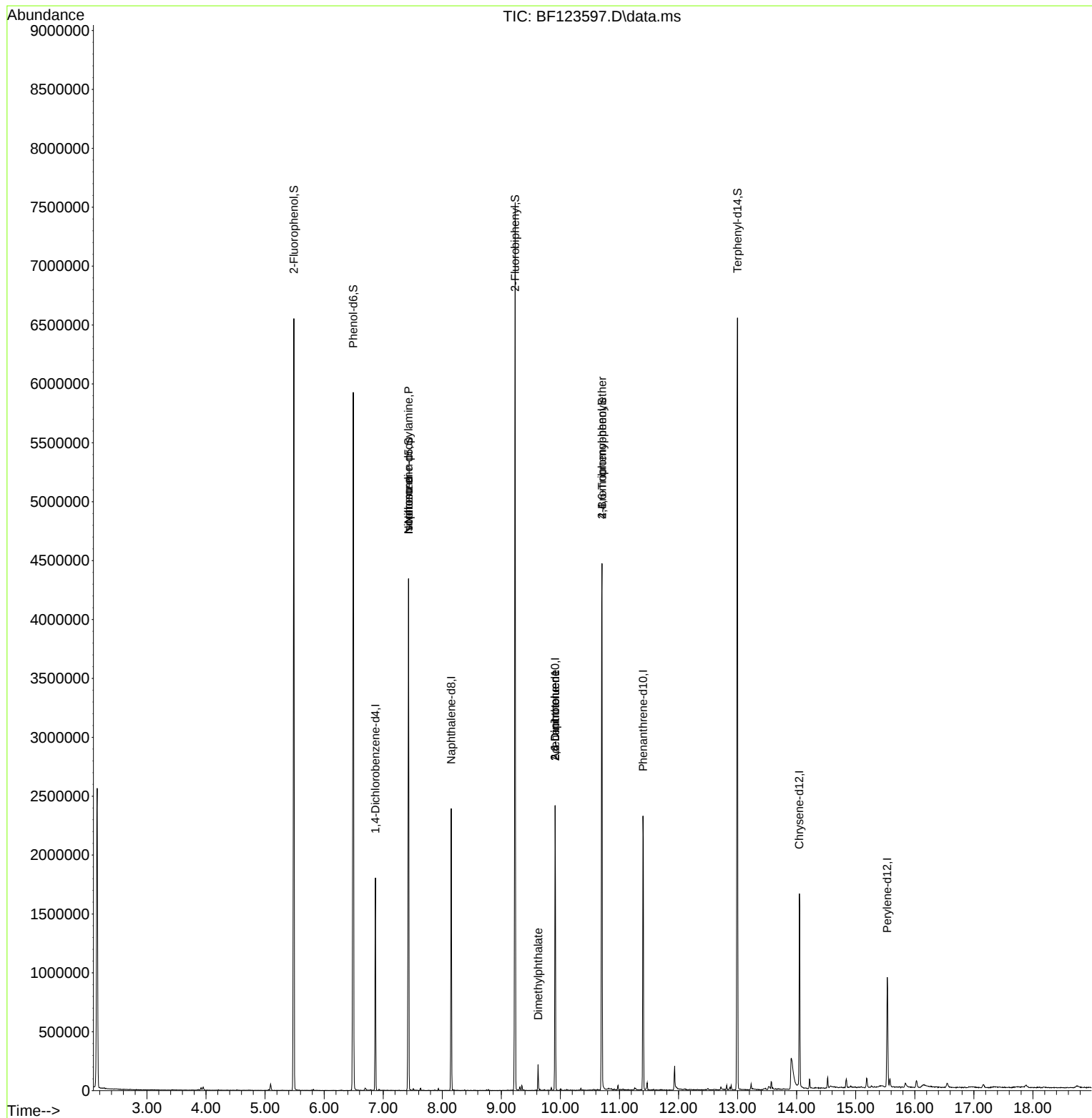
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	226619	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	875034	20.00	ng	0.00
39) Acenaphthene-d10	9.910	164	438016	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	841858	20.00	ng	0.00
76) Chrysene-d12	14.045	240	578814	20.00	ng	-0.01
86) Perylene-d12	15.533	264	435101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1414811	100.91	ng	0.00
7) Phenol-d6	6.493	99	1839813	94.69	ng	0.00
23) Nitrobenzene-d5	7.428	82	1313285	69.00	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	513511	103.53	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2069521	70.43	ng	0.00
79) Terphenyl-d14	12.998	244	2145399	72.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	176365	13.70	ng	# 77
25) Isophorone	7.428	82	1313271	35.56	ng	# 69
50) Dimethylphthalate	9.622	163	65927	2.18	ng	# 97
51) 2,6-Dinitrotoluene	9.910	165	54040	8.13	ng	# 12
57) 2,4-Dinitrotoluene	9.910	165	54040	6.09	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	28104	3.19	ng	# 1
89) Benzo(k)fluoranthene	15.098	252	689	Below Cal		# 12

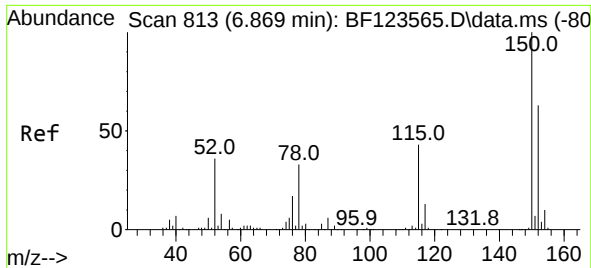
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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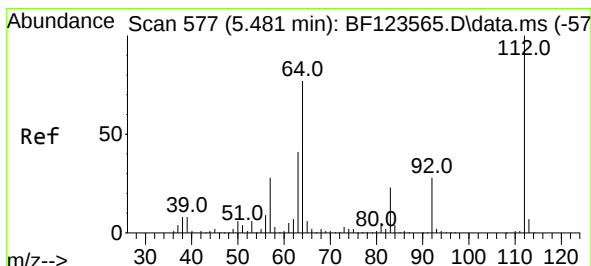
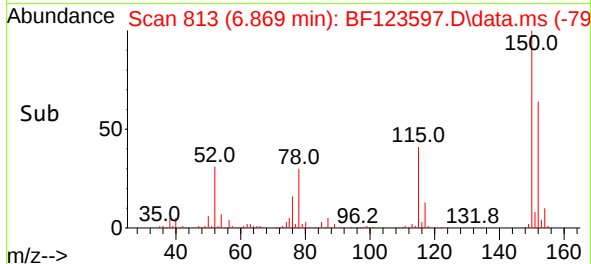
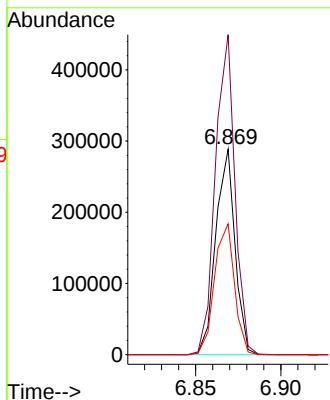
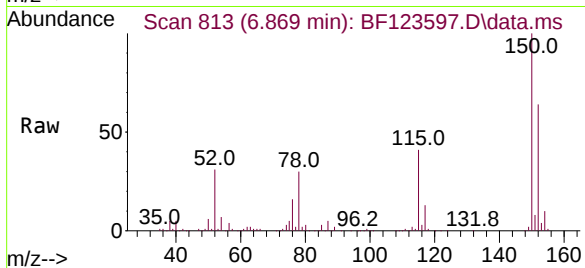




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

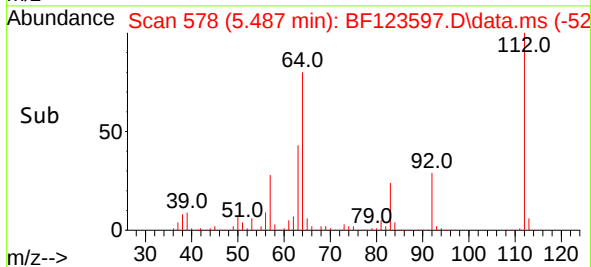
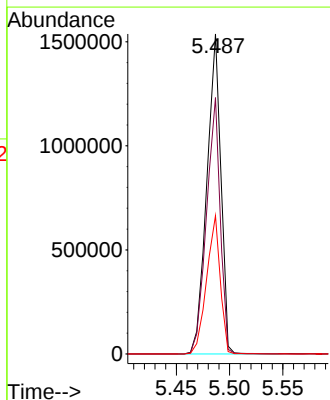
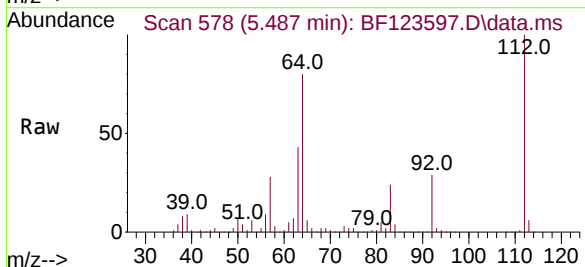
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

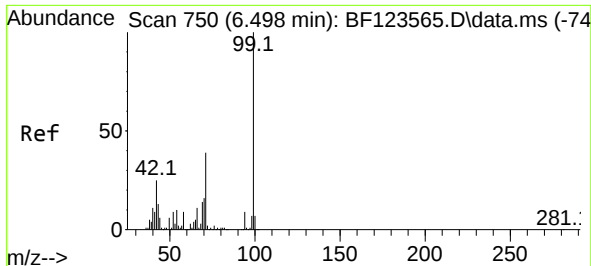
Tgt Ion:152 Resp: 226619
Ion Ratio Lower Upper
152 100
150 155.7 127.0 190.6
115 63.7 54.3 81.5



#5
2-Fluorophenol
Concen: 100.91 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion:112 Resp: 1414811
Ion Ratio Lower Upper
112 100
64 80.1 61.4 92.0
63 43.2 33.0 49.4

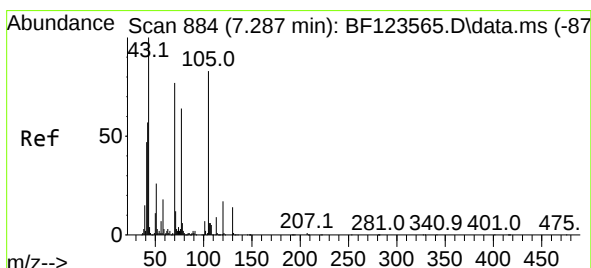
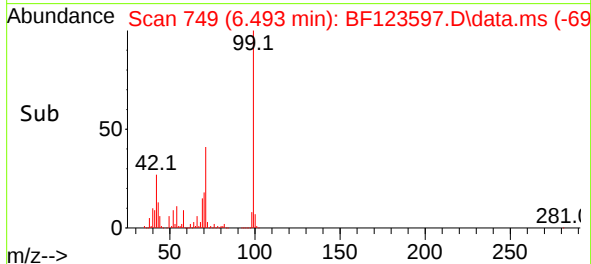
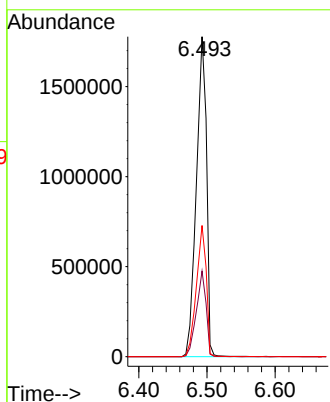
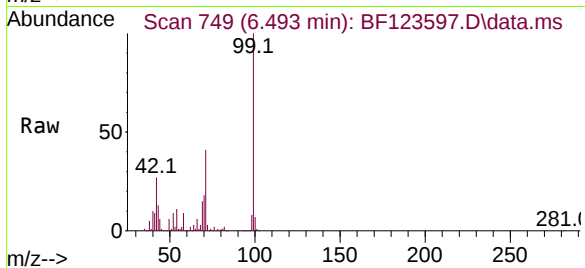




#7
Phenol-d6
Concen: 94.69 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

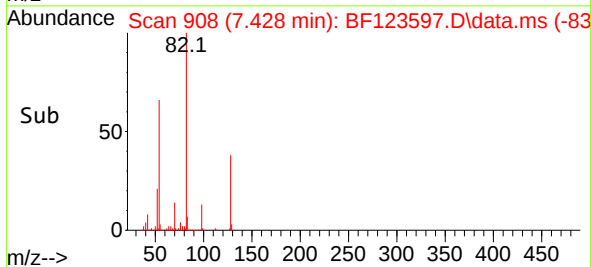
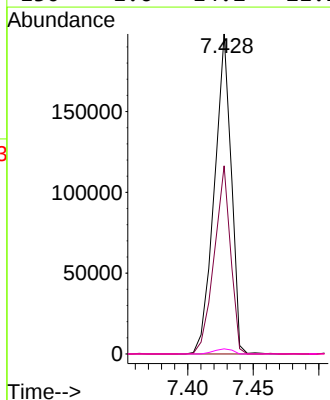
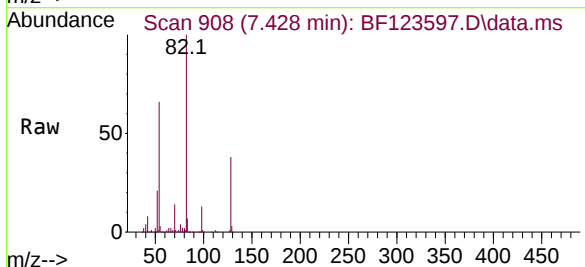
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

Tgt Ion: 99 Resp: 1839813
Ion Ratio Lower Upper
99 100
42 26.8 19.8 29.8
71 41.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.70 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion: 70 Resp: 176365
Ion Ratio Lower Upper
70 100
42 58.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

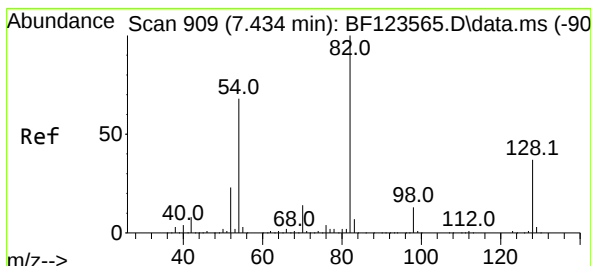
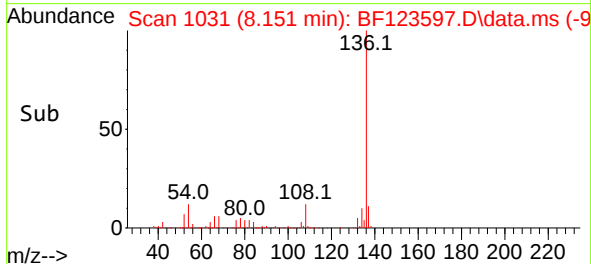
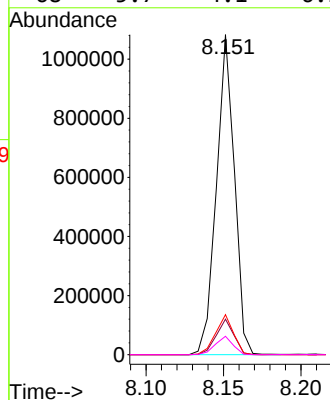
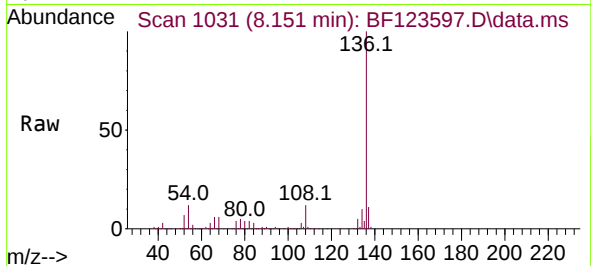




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

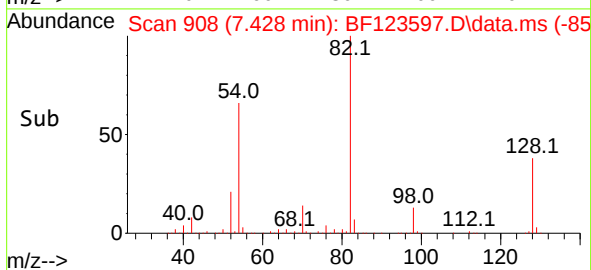
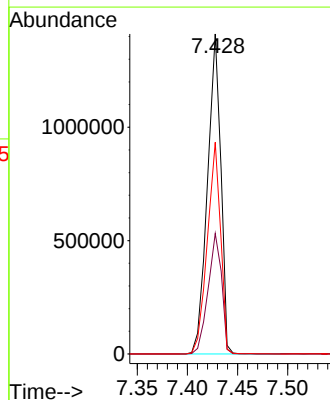
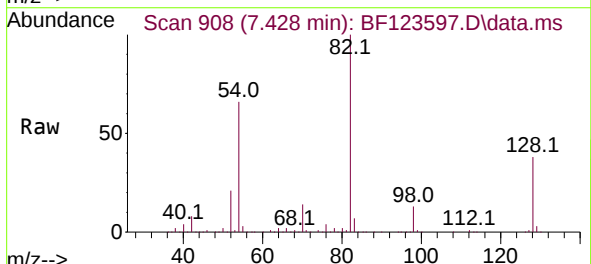
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

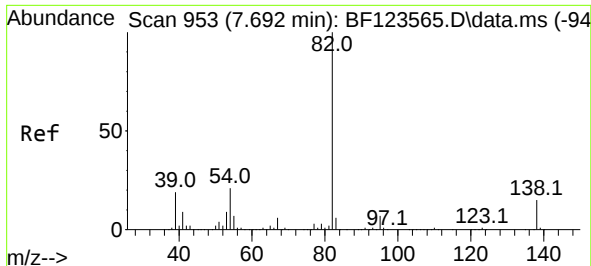
Tgt Ion:136	Resp: 875034
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 12.5	9.8 14.6
68 5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 69.00 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion: 82	Resp: 1313285
Ion Ratio	Lower Upper
82 100	
128 37.7	29.4 44.2
54 66.2	54.1 81.1

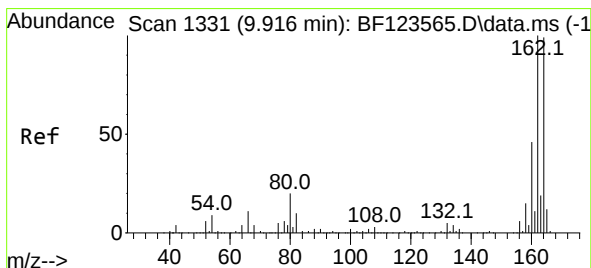
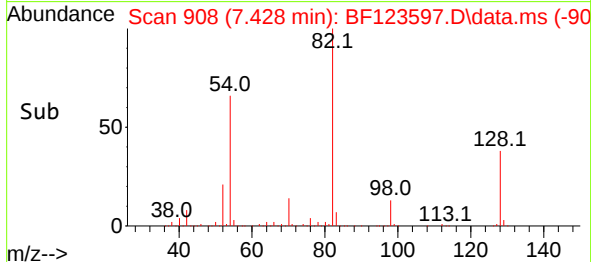
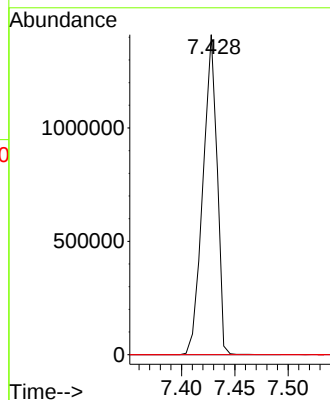
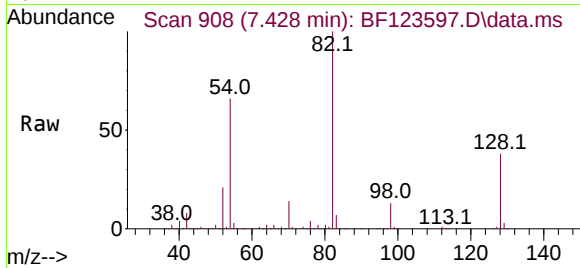




#25
Isophorone
Concen: 35.56 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

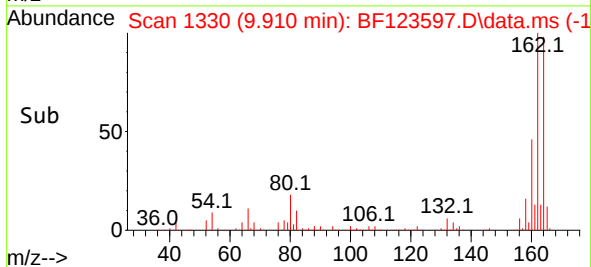
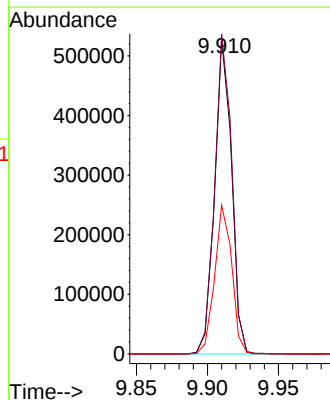
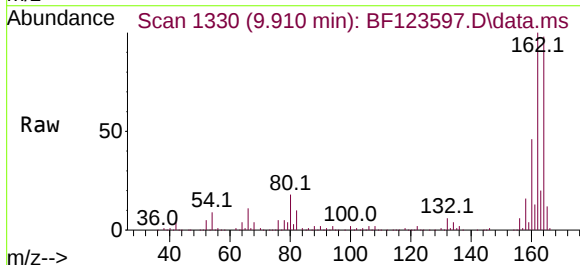
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ClientSampleId :
SB-07-0-2.0

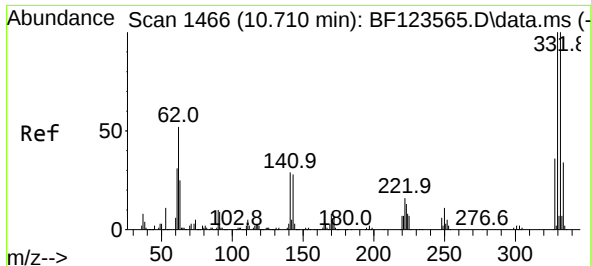
Tgt Ion: 82 Resp: 1313271
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion:164 Resp: 438016
Ion Ratio Lower Upper
164 100
162 101.6 80.7 121.1
160 47.2 37.3 55.9

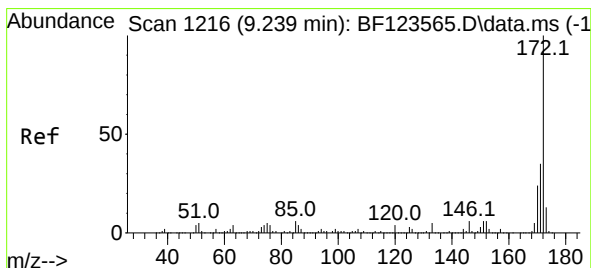
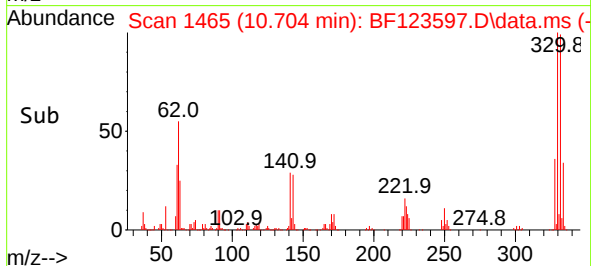
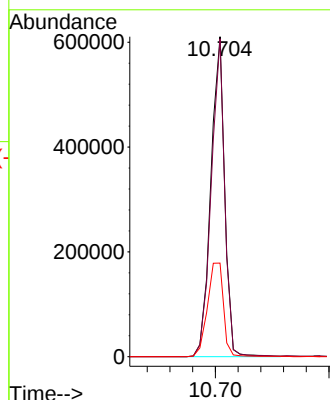
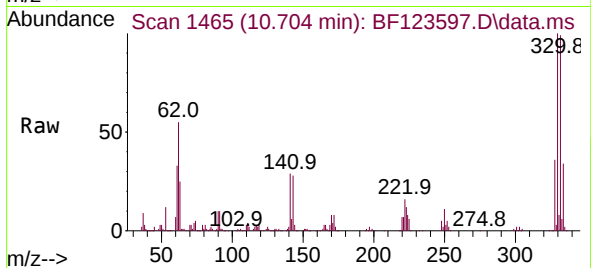




#42
2,4,6-Tribromophenol
Concen: 103.53 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

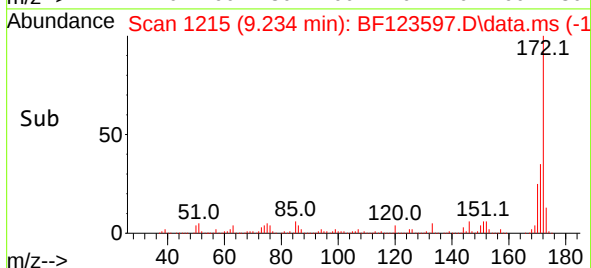
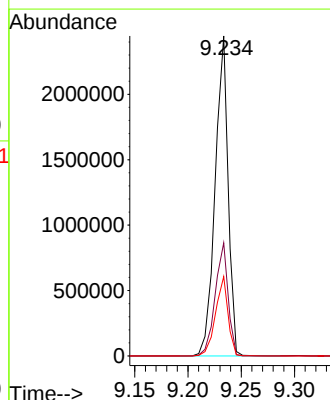
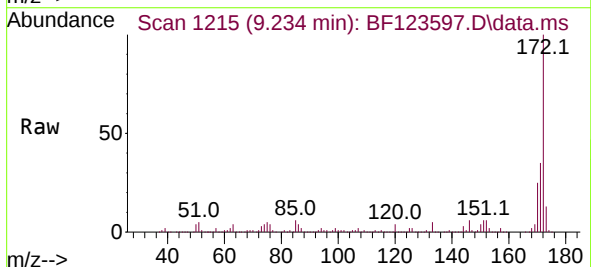
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ClientSampleId :
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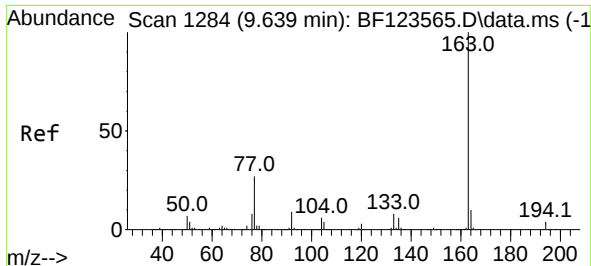
Tgt Ion:	330	Resp:	513511
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.1	115.7
141	34.1	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 70.43 ng
RT: 9.234 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion:	172	Resp:	2069521
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.1	42.1
170	24.8	19.2	28.8

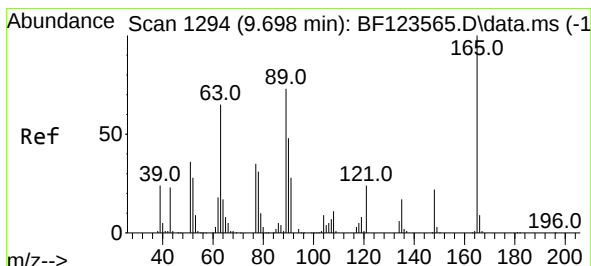
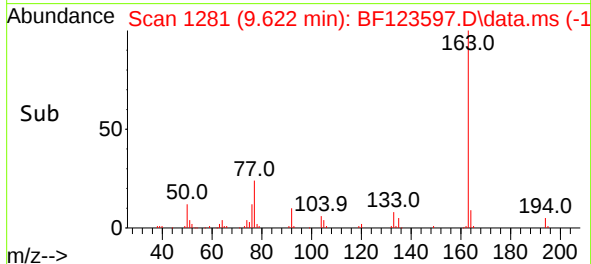
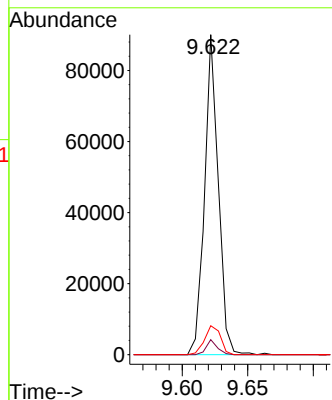
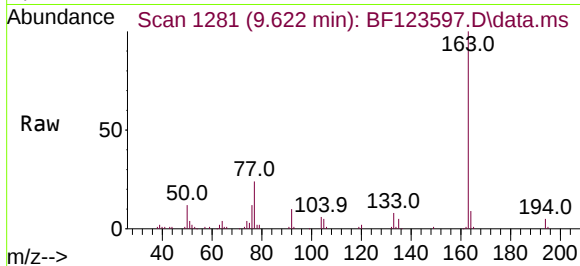




#50
Dimethylphthalate
Concen: 2.18 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

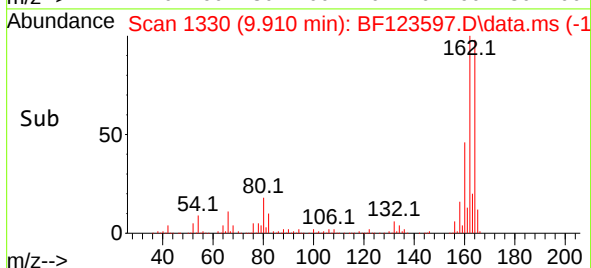
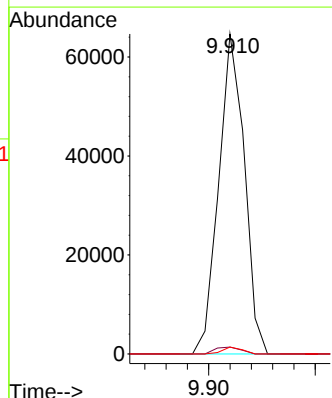
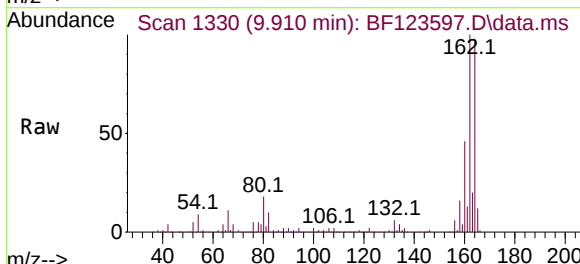
Instrument :
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ClientSampleId :
SB-07-0-2.0

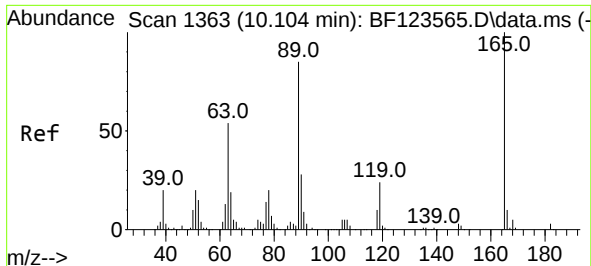
Tgt Ion:163 Resp: 65927
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 9.0 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion:165 Resp: 54040
Ion Ratio Lower Upper
165 100
63 2.2 67.7 101.5#
89 2.2 58.8 88.2#

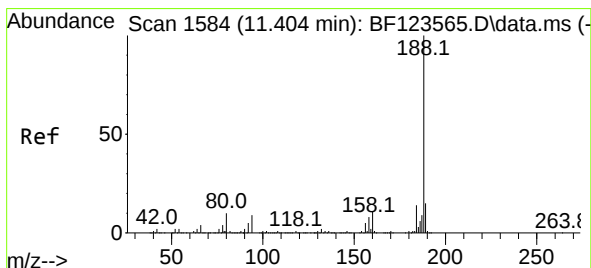
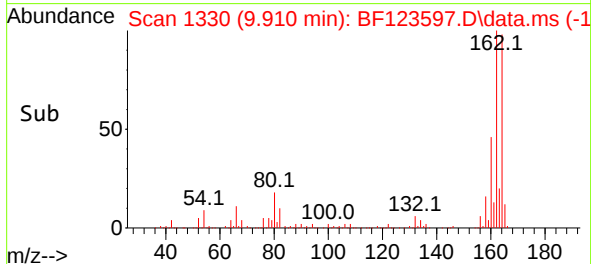
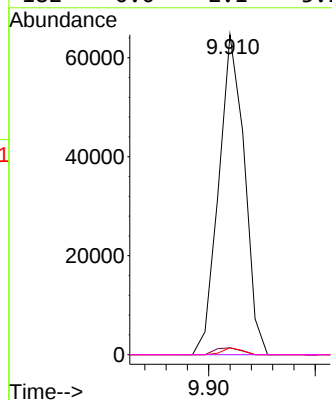
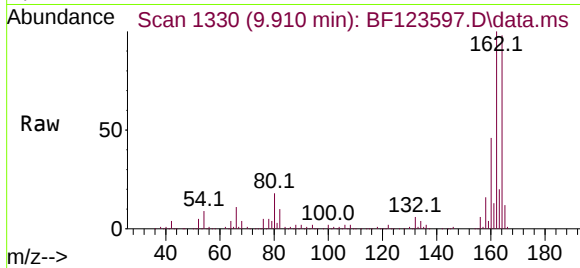




#57
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

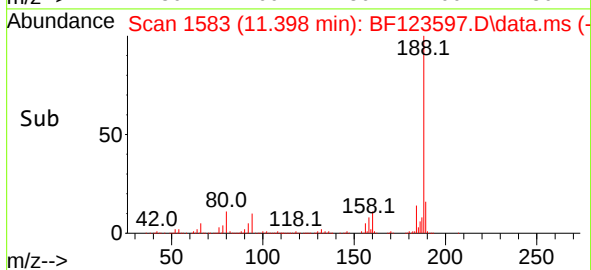
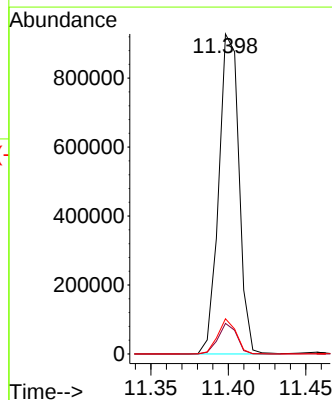
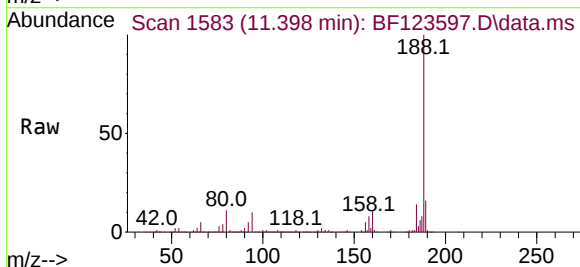
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

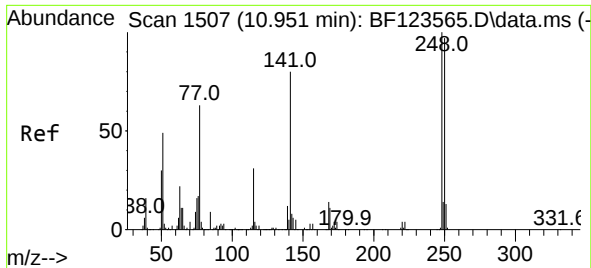
Tgt Ion:165	Resp:	54040
Ion Ratio	Lower	Upper
165	100	
63	2.2	43.5 65.3#
89	2.2	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion:188	Resp:	841858
Ion Ratio	Lower	Upper
188	100	
94	9.5	6.9 10.3
80	11.0	8.2 12.2

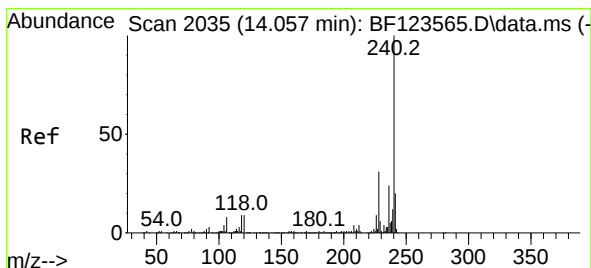
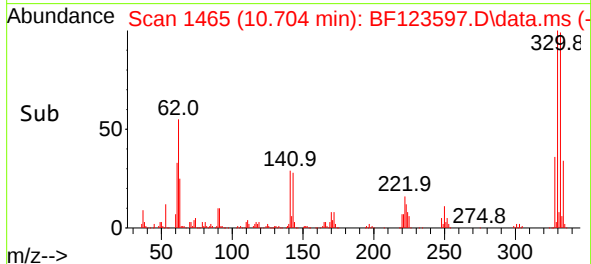
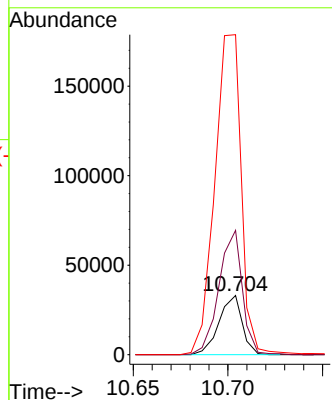
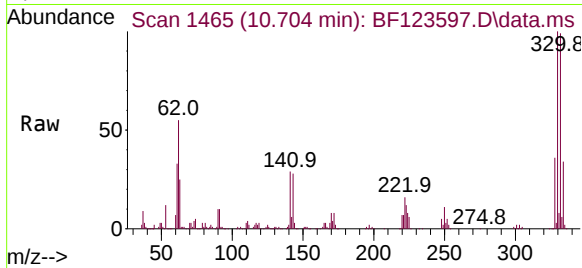




#67
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

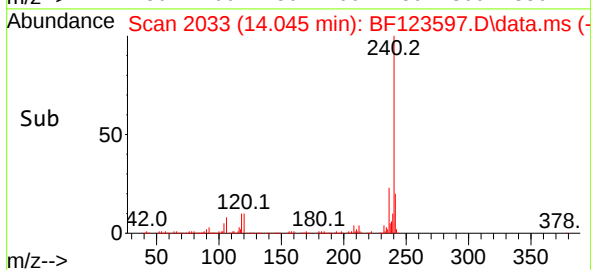
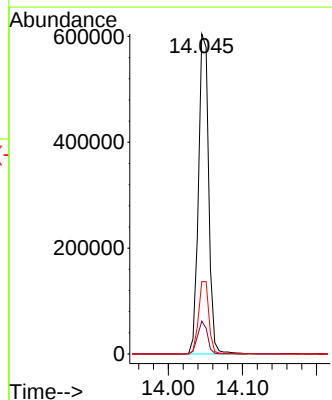
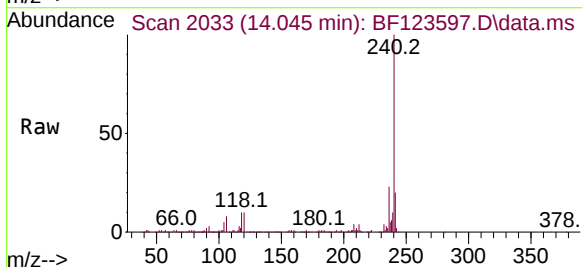
Instrument :
BNA_F
ClientSampleId :
SB-07-0-2.0

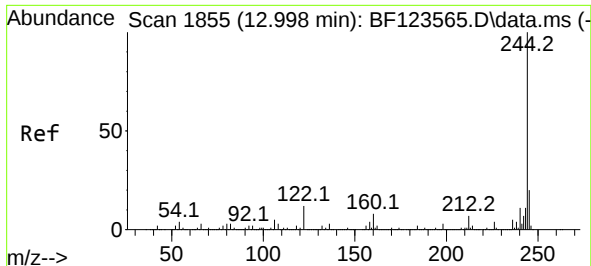
Tgt Ion:248 Resp: 28104
Ion Ratio Lower Upper
248 100
250 210.1 77.4 116.2#
141 540.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF123597.D
Acq: 16 Apr 2021 18:02

Tgt Ion:240 Resp: 578814
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 22.6 19.0 28.4

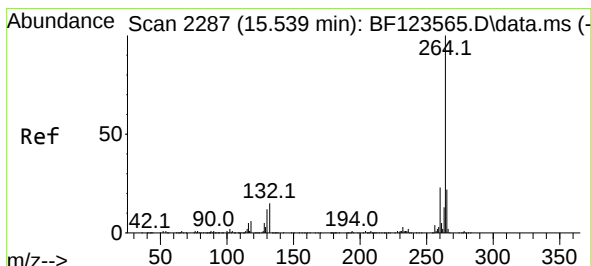
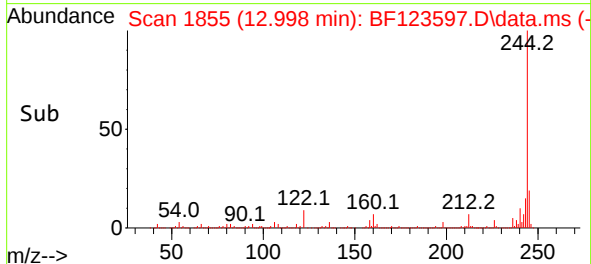
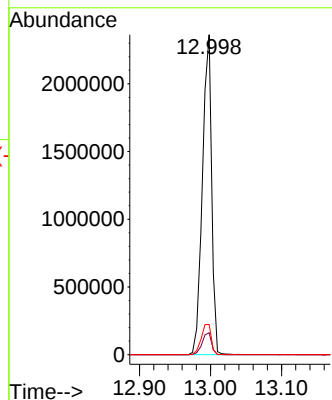
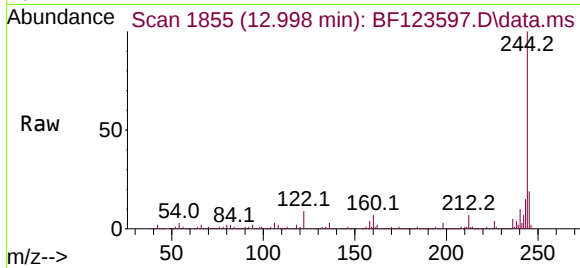




#79
 Terphenyl-d14
 Concen: 72.04 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.000 min
 Lab File: BF123597.D
 Acq: 16 Apr 2021 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-0-2.0

Tgt Ion:244 Resp: 2145399
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.5 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.533 min Scan# 2286
 Delta R.T. -0.006 min
 Lab File: BF123597.D
 Acq: 16 Apr 2021 18:02

Tgt Ion:264 Resp: 435101
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.4 17.8 26.8

