

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123721.D
 Acq On : 24 Apr 2021 17:19
 Operator : JU/CG
 Sample : M2107-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-9.5-10.0-DUP

Quant Time: Apr 26 03:00:23 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)

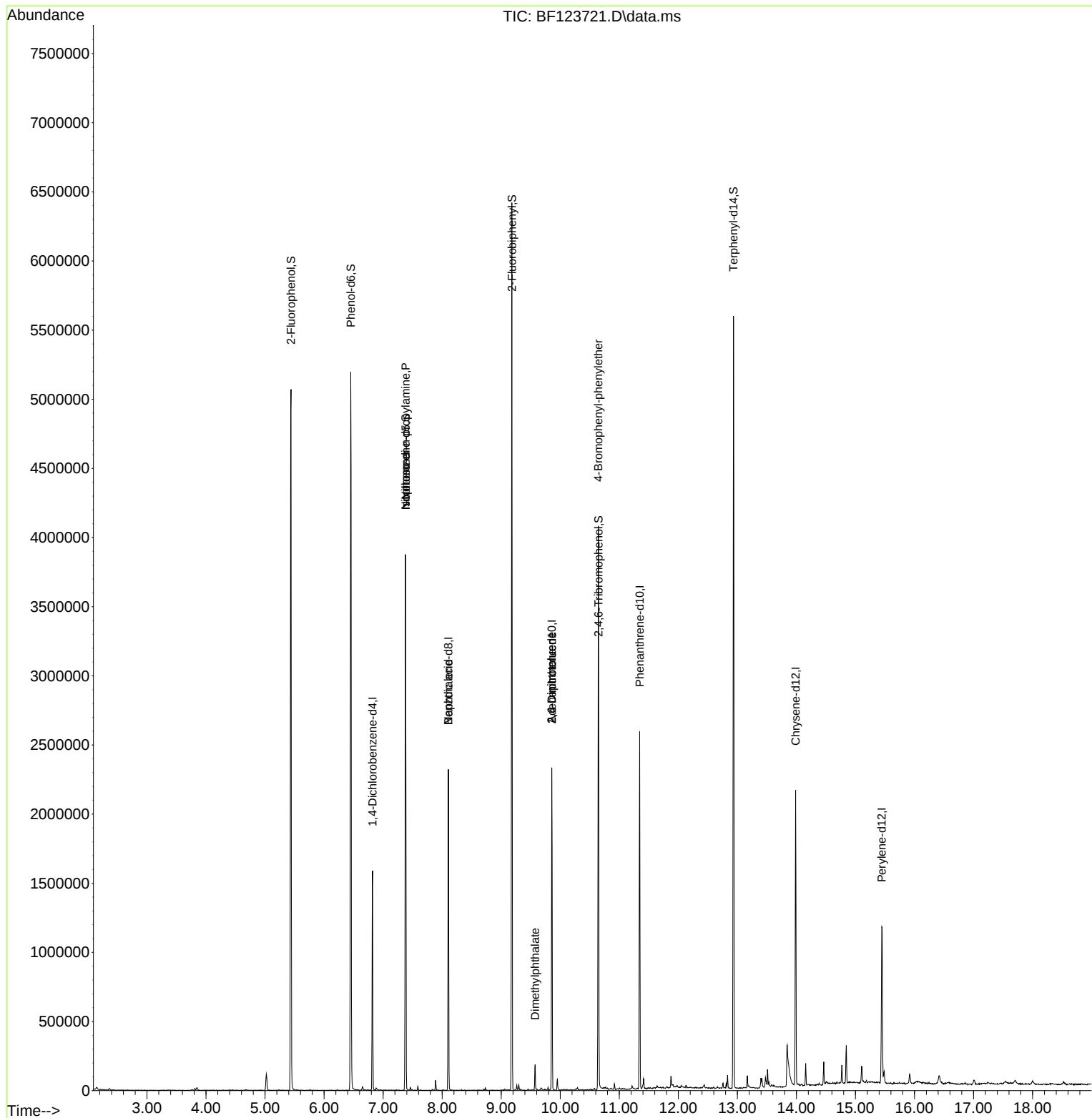
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	220391	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	849387	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	421414	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	842096	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	699311	20.00	ng	-0.04
86) Perylene-d12	15.445	264	541486	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1205938	88.44	ng	-0.02
7) Phenol-d6	6.451	99	1557786	82.44	ng	-0.02
23) Nitrobenzene-d5	7.381	82	1092609	59.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	452729	94.87	ng	-0.02
45) 2-Fluorobiphenyl	9.180	172	1663311	58.84	ng	-0.02
79) Terphenyl-d14	12.933	244	1826746	50.77	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	147974	11.82	ng	# 74
25) Isophorone	7.381	82	1092579	30.48	ng	# 69
32) Benzoic acid	8.104	122	269	4.58	ng	# 1
50) Dimethylphthalate	9.575	163	63943	2.20	ng	100
51) 2,6-Dinitrotoluene	9.857	165	54240	8.49	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	54240	6.35	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	23975	2.72	ng	# 1
89) Benzo(k)fluoranthene	15.015	252	2604	Below Cal		# 52
92) Benzo(g,h,i)perylene	17.386	276	108	Below Cal		# 56

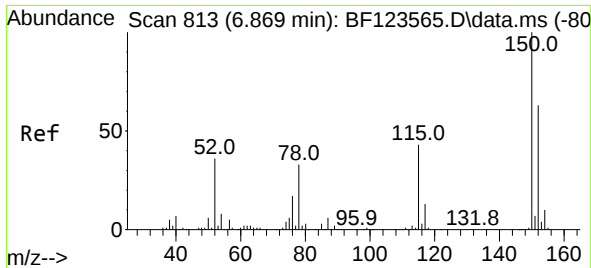
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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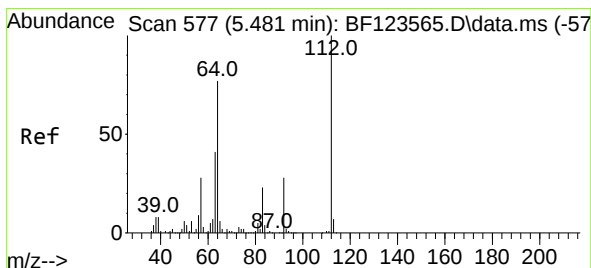
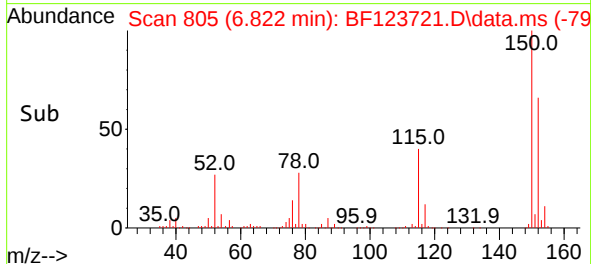
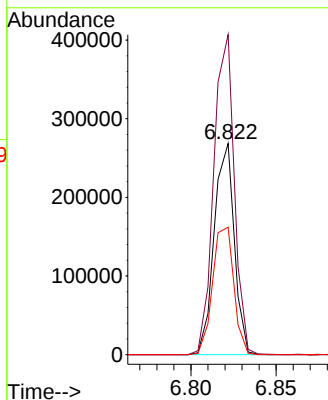
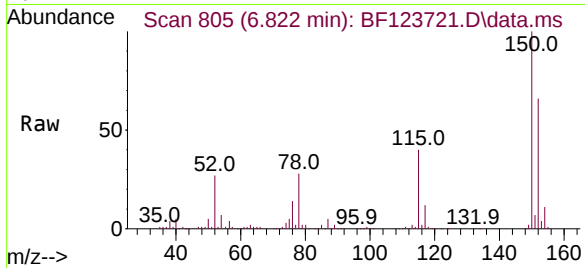




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

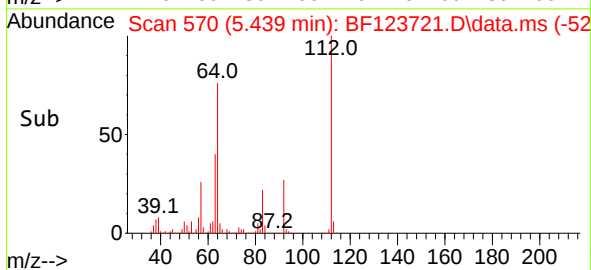
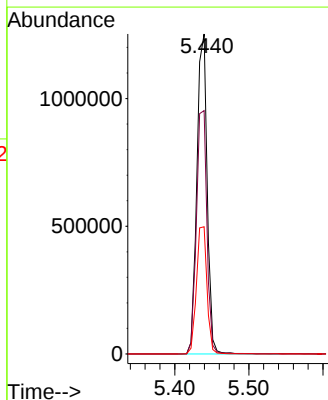
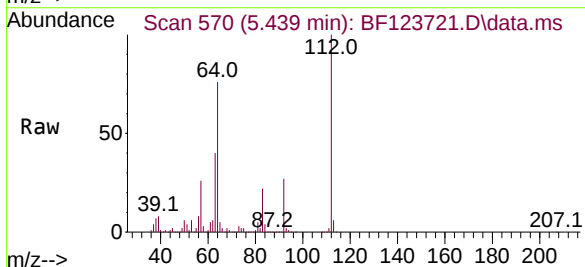
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BNA_F
ClientSampleId :
SB-30-9.5-10.0-DUP

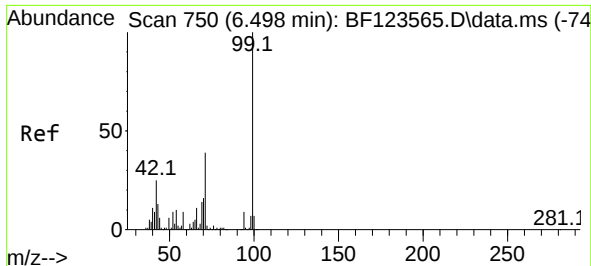
Tgt Ion:152 Resp: 220391
Ion Ratio Lower Upper
152 100
150 151.5 127.0 190.6
115 60.4 54.3 81.5



#5
2-Fluorophenol
Concen: 88.44 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion:112 Resp: 1205938
Ion Ratio Lower Upper
112 100
64 76.1 61.4 92.0
63 39.8 33.0 49.4

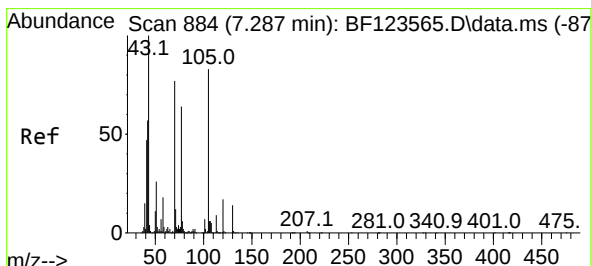
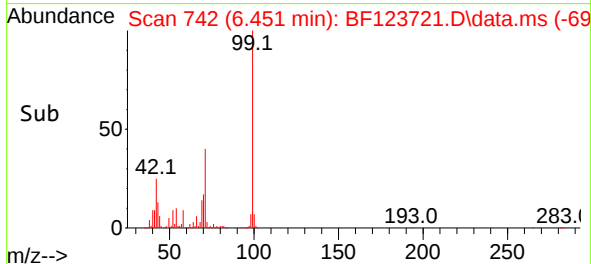
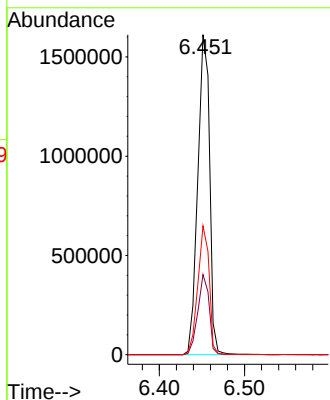
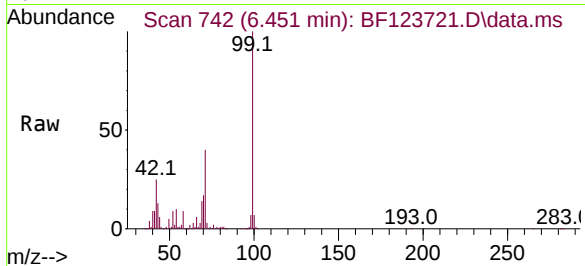




#7
Phenol-d6
Concen: 82.44 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.024 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

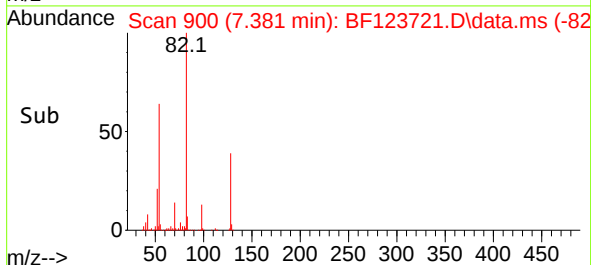
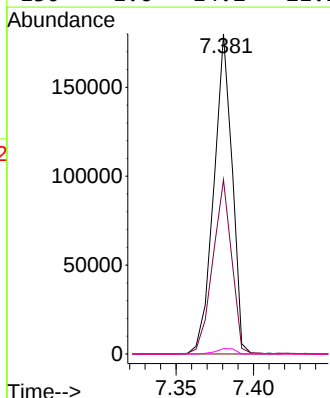
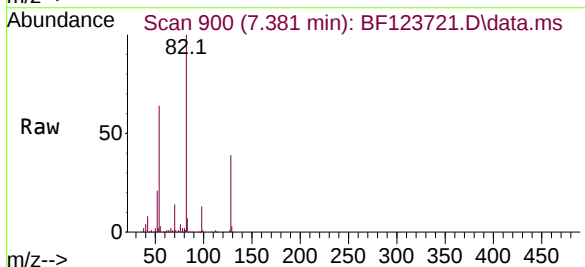
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0-DUP

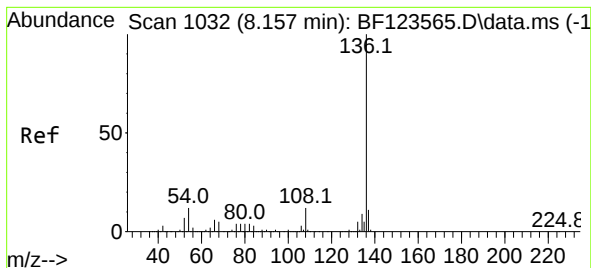
Tgt Ion: 99 Resp: 1557786
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.8
71 40.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.82 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.124 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion: 70 Resp: 147974
Ion Ratio Lower Upper
70 100
42 54.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

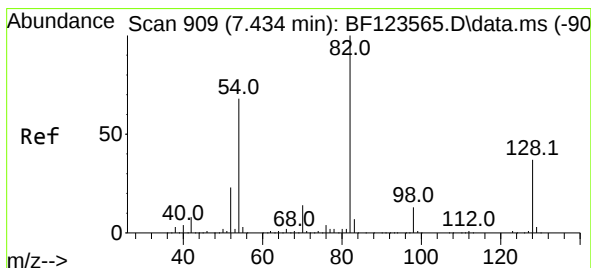
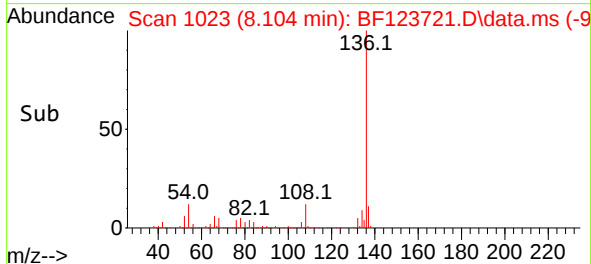
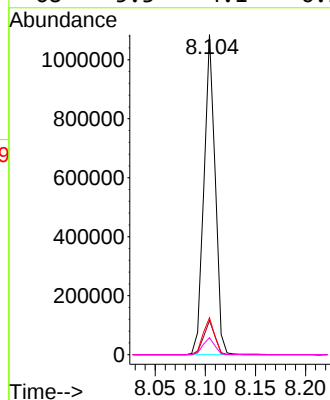
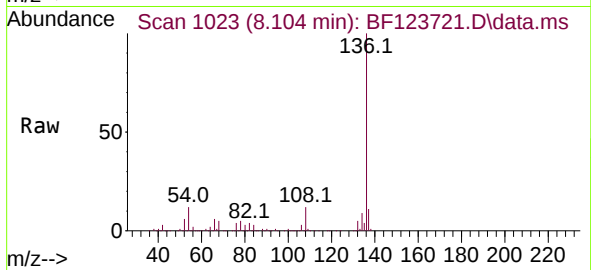




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

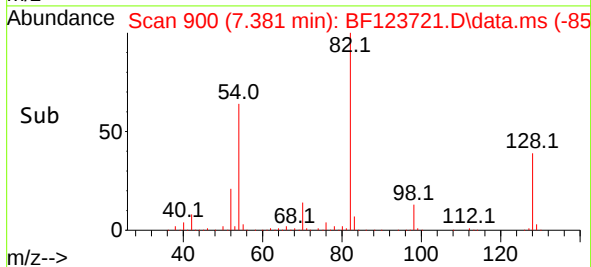
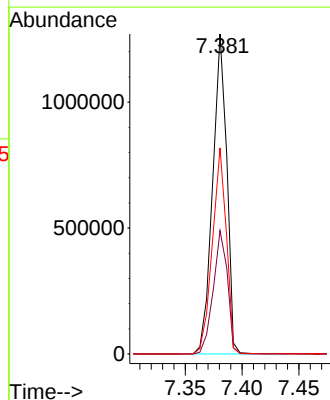
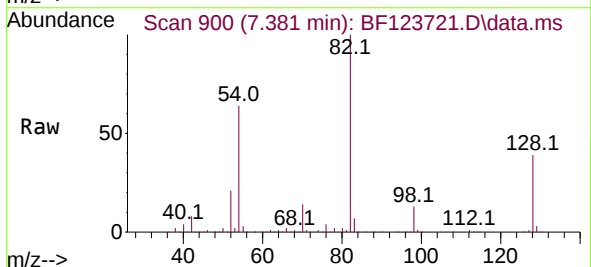
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0-DUP

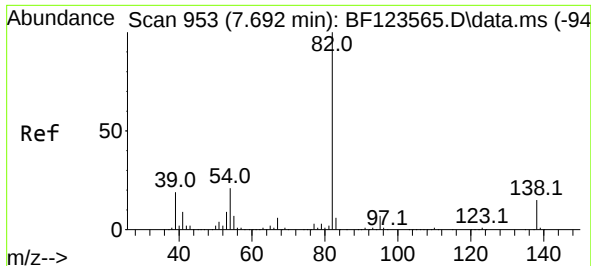
Tgt Ion:136	Resp: 849387
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 11.5	9.8 14.6
68 5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 59.14 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.024 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion: 82	Resp: 1092609
Ion Ratio	Lower Upper
82 100	
128 38.6	29.4 44.2
54 64.4	54.1 81.1

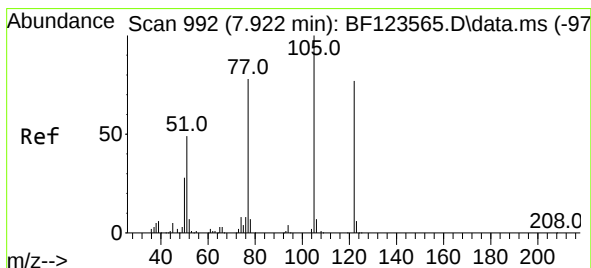
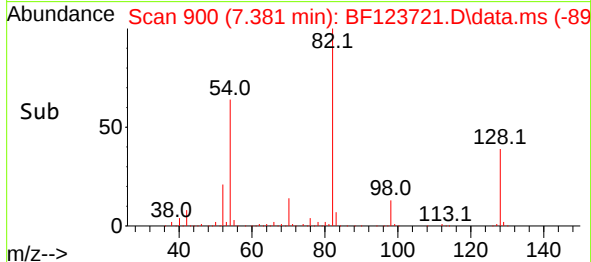
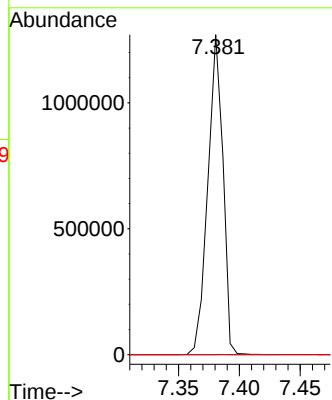
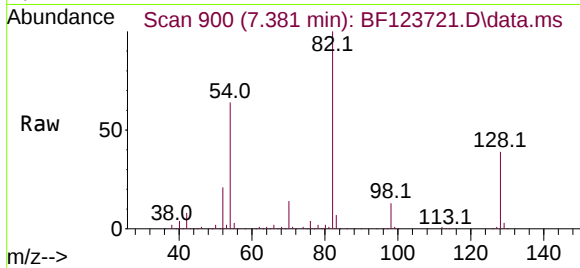




#25
Isophorone
Concen: 30.48 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.282 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

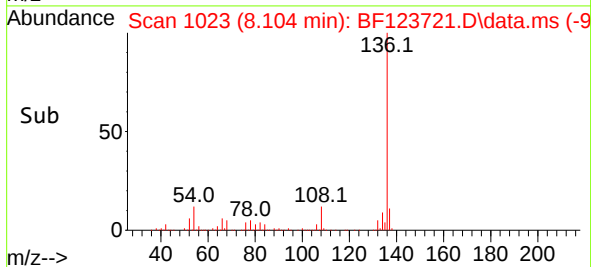
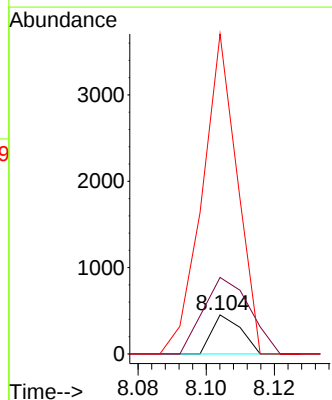
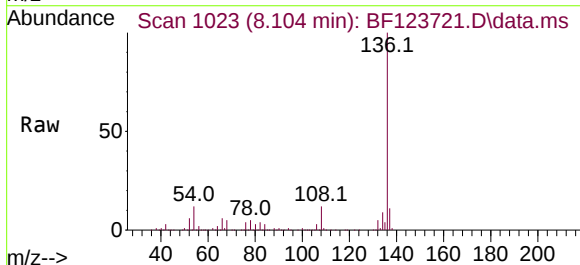
Instrument :
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ClientSampleId :
SB-30-9.5-10.0-DUP

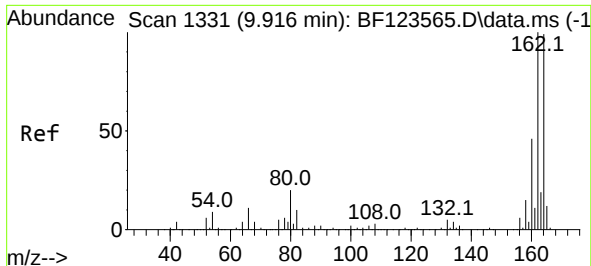
Tgt Ion: 82 Resp: 1092579
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.58 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.206 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion: 122 Resp: 269
Ion Ratio Lower Upper
122 100
105 195.4 107.8 147.8#
77 818.1 81.6 121.6#

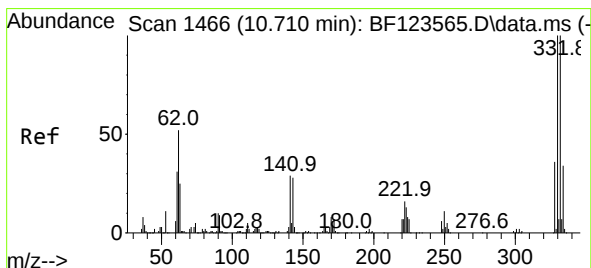
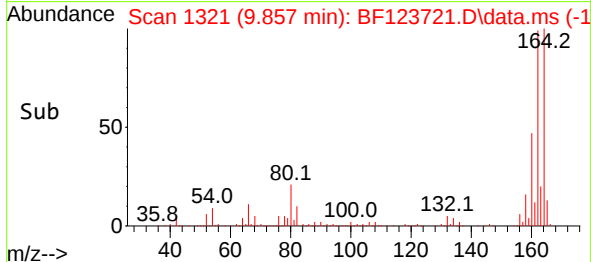
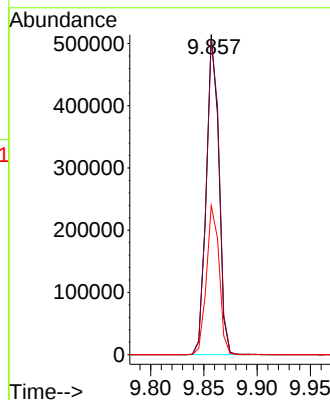
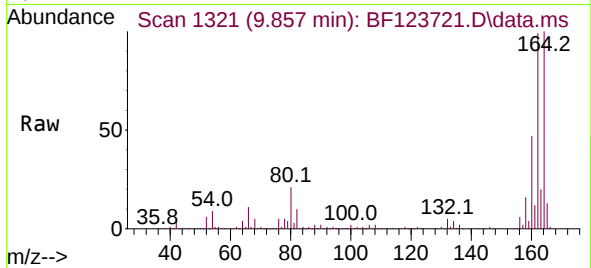




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

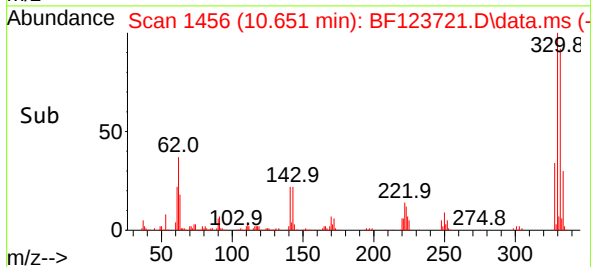
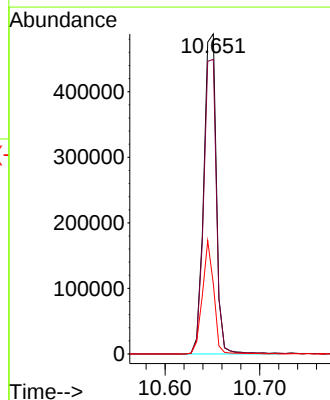
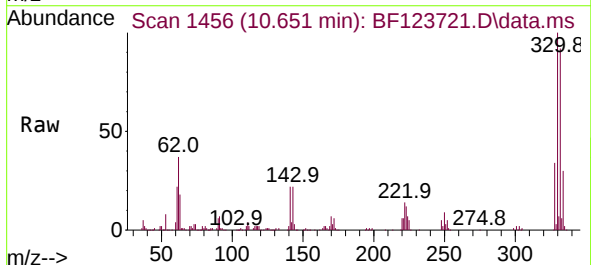
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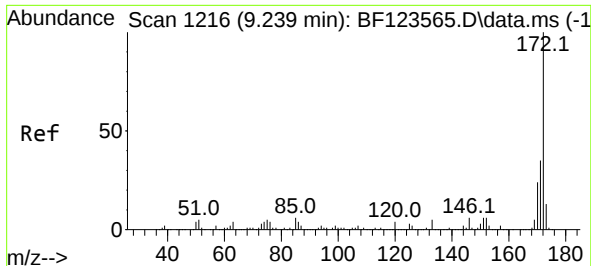
Tgt Ion:164 Resp: 421414
Ion Ratio Lower Upper
164 100
162 98.5 80.7 121.1
160 46.6 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 94.87 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion:330 Resp: 452729
Ion Ratio Lower Upper
330 100
332 93.3 77.1 115.7
141 32.0 27.9 41.9

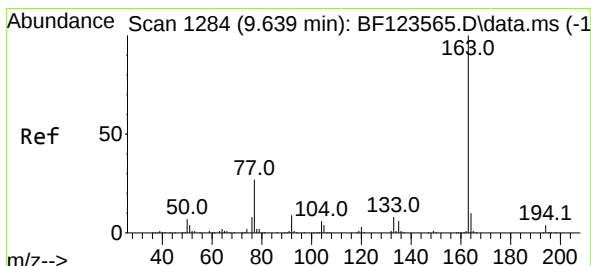
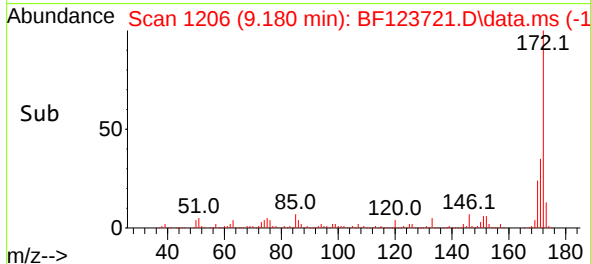
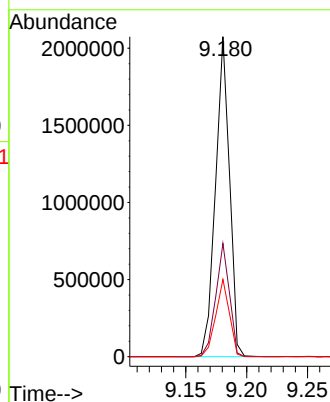
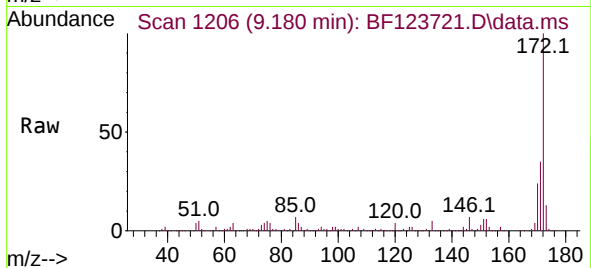




#45
2-Fluorobiphenyl
Concen: 58.84 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.024 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

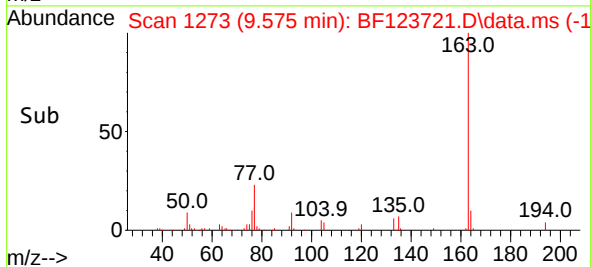
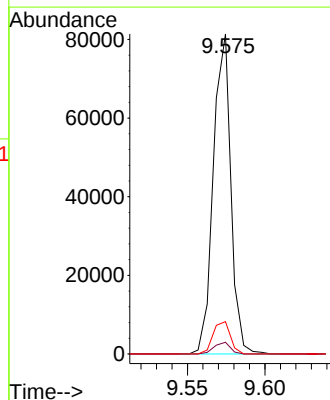
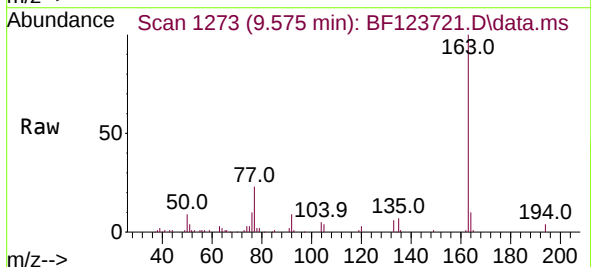
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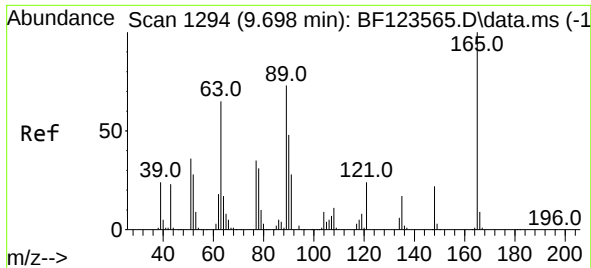
Tgt Ion:172 Resp: 1663311
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.2 19.2 28.8



#50
Dimethylphthalate
Concen: 2.20 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion:163 Resp: 63943
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.1 8.2 12.2

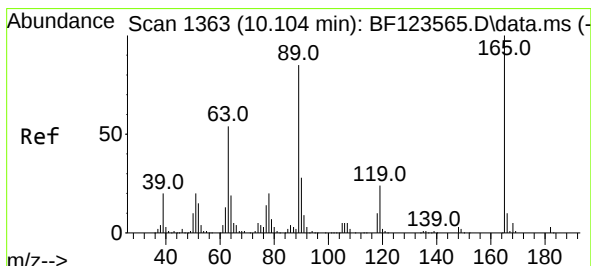
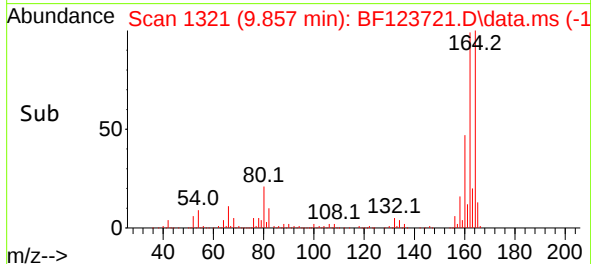
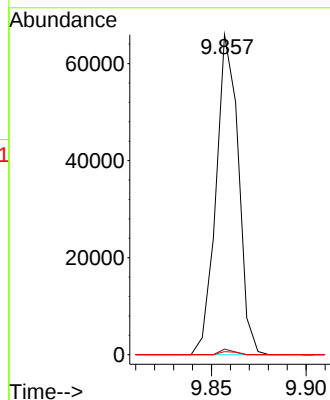
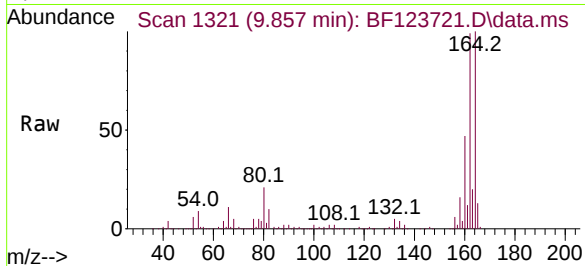




#51
2,6-Dinitrotoluene
Concen: 8.49 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

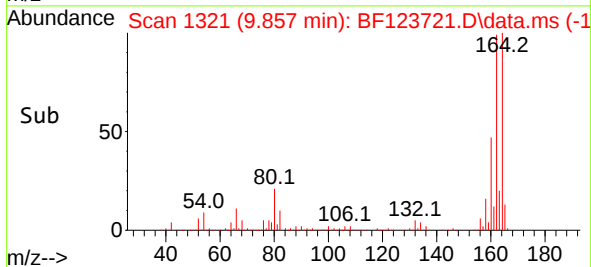
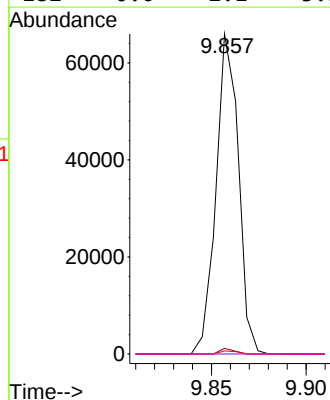
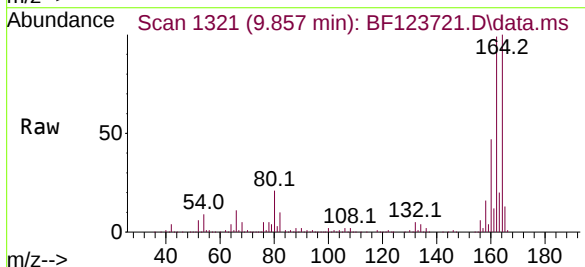
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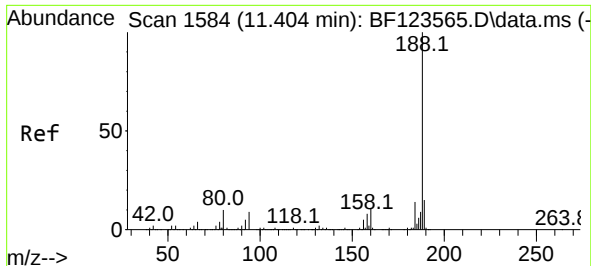
Tgt Ion:165 Resp: 54240
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 0.9 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion:165 Resp: 54240
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 0.9 67.7 101.5#
182 0.0 2.1 3.1#

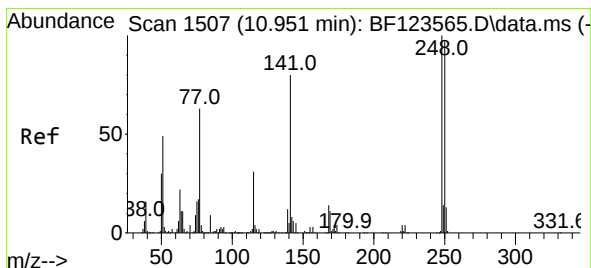
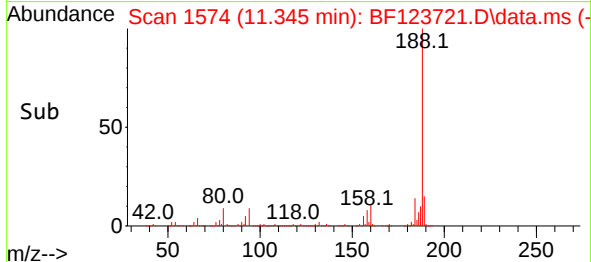
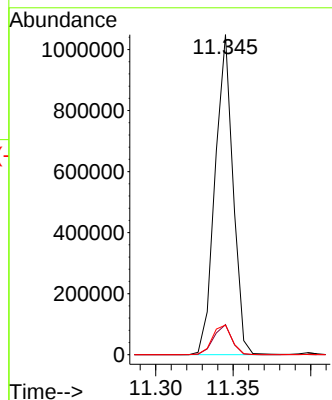
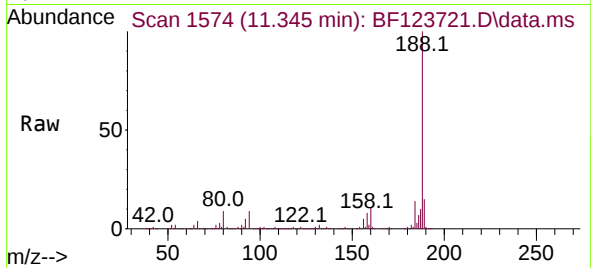




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

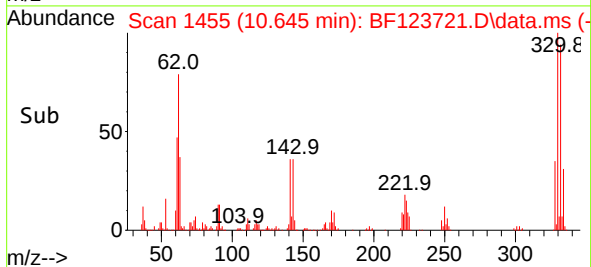
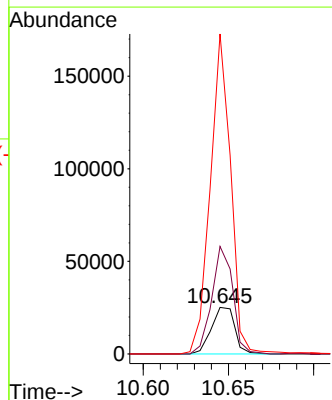
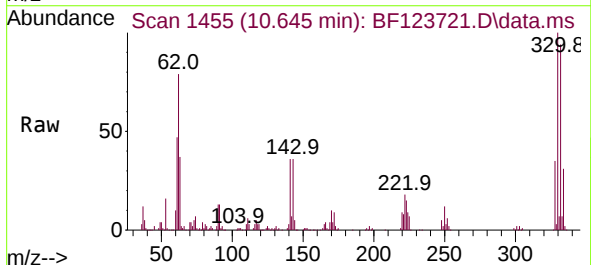
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0-DUP

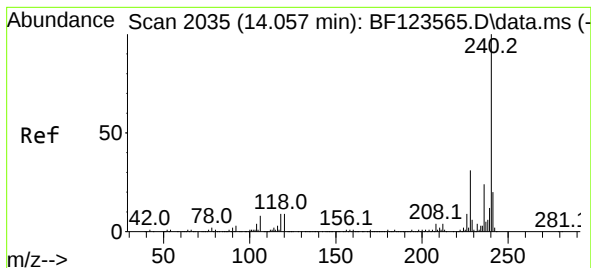
Tgt Ion:188	Resp:	842096
Ion Ratio	Lower	Upper
188	100	
94	9.4	6.9 10.3
80	9.2	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.72 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.271 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

Tgt Ion:248	Resp:	23975
Ion Ratio	Lower	Upper
248	100	
250	230.8	77.4 116.2#
141	687.5	63.7 95.5#

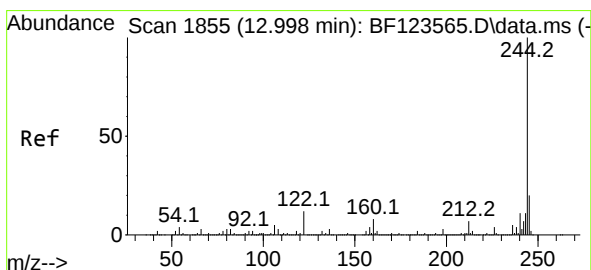
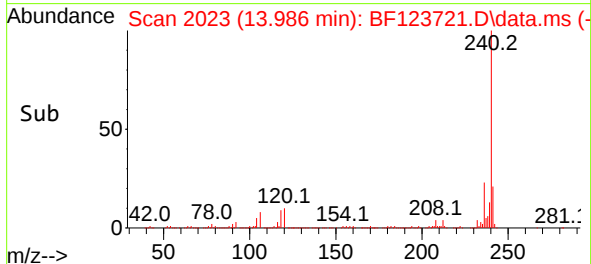
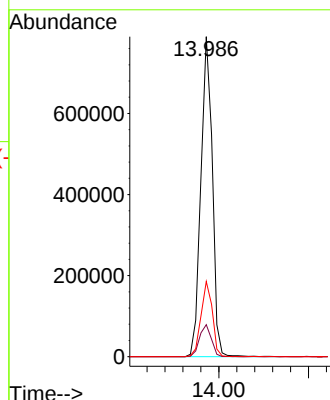
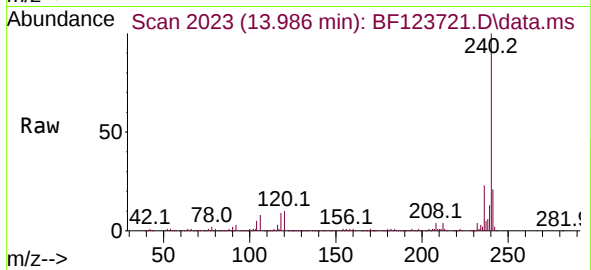




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

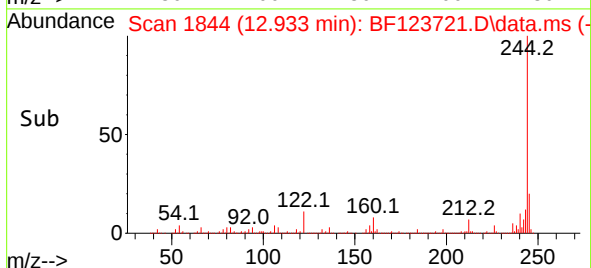
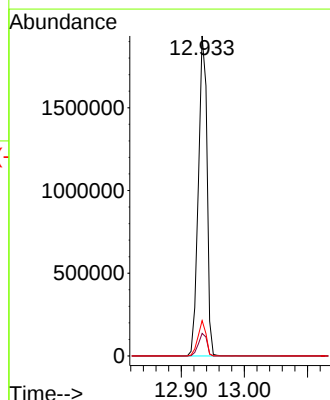
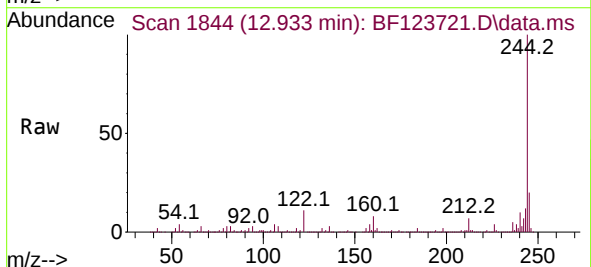
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0-DUP

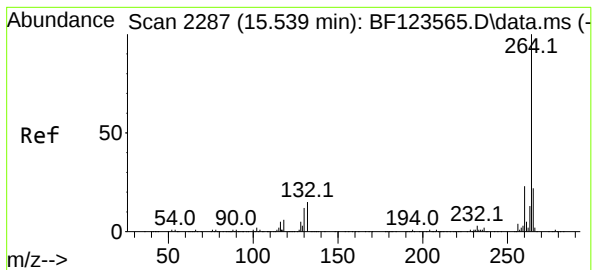
Tgt Ion:240 Resp: 699311
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 23.5 19.0 28.4



#79
Terphenyl-d14
Concen: 50.77 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.029 min
Lab File: BF123721.D
Acq: 24 Apr 2021 17:19

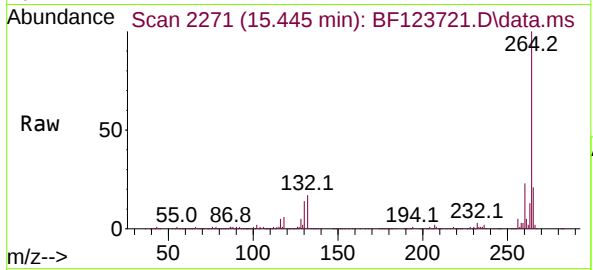
Tgt Ion:244 Resp: 1826746
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.1 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.047 min
 Lab File: BF123721.D
 Acq: 24 Apr 2021 17:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-9.5-10.0-DUP



Tgt Ion:264 Resp: 541486

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.5	17.8	26.8

