

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123664.D
 Acq On : 21 Apr 2021 13:28
 Operator : JU/CG
 Sample : M2076-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-9.5-10.0

Quant Time: Apr 21 14:14:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

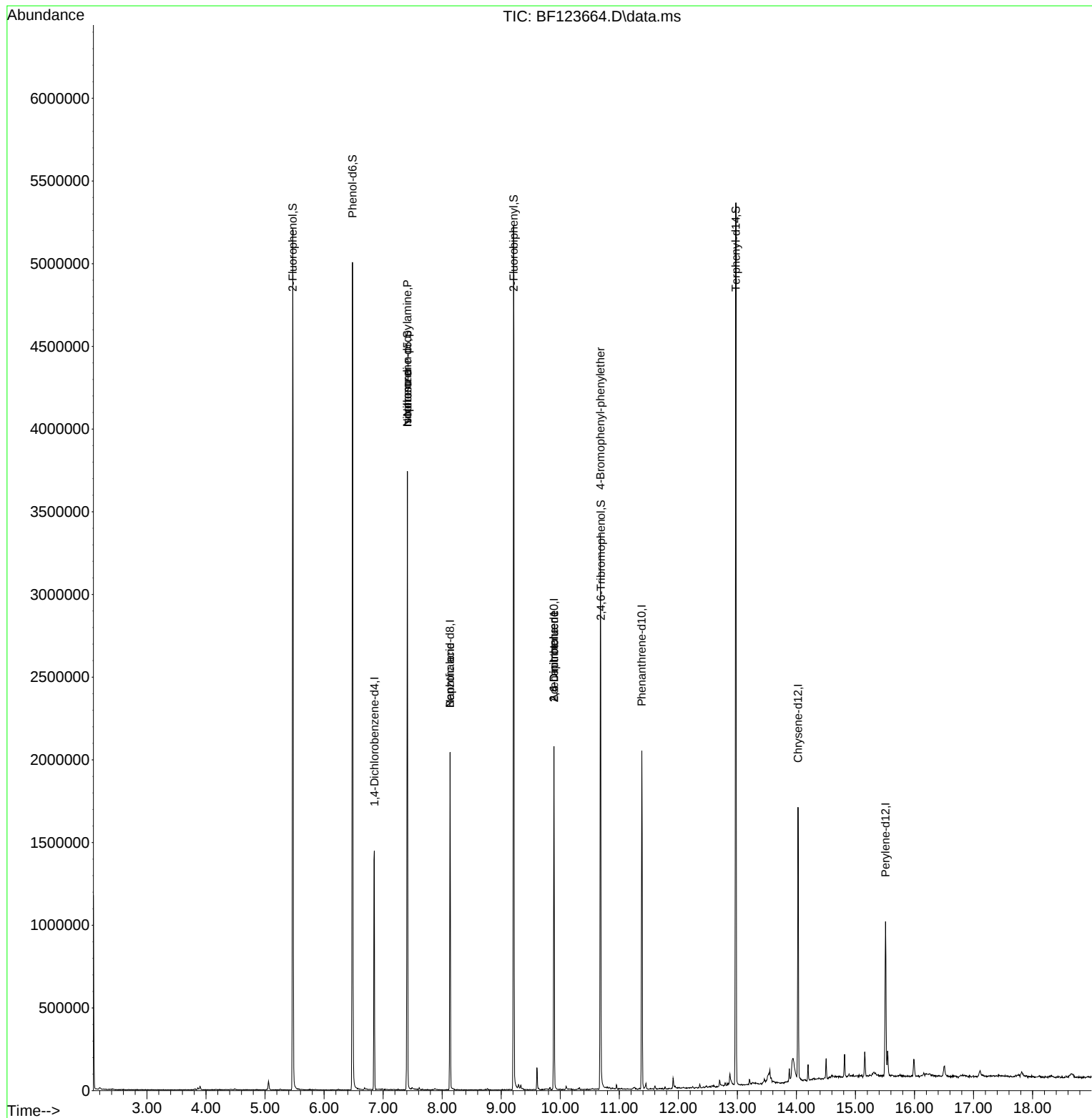
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	195785	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	752805	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	364009	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	696351	20.00	ng	0.00
76) Chrysene-d12	14.027	240	549084	20.00	ng	# 0.00
86) Perylene-d12	15.509	264	425663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1153005	95.18	ng	0.00
7) Phenol-d6	6.481	99	1469984	87.57	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1023074	62.48	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	372423	90.35	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1547137	63.36	ng	0.00
79) Terphenyl-d14	12.974	244	1641850	58.12	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	137039	12.32	ng	# 77
25) Isophorone	7.410	82	1023067	32.20	ng	# 69
32) Benzoic acid	8.133	122	160	4.57	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	45634	8.27	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	45634	6.19	ng	# 17
67) 4-Bromophenyl-phenylether	10.680	248	21785	2.99	ng	# 1
89) Benzo(k)fluoranthene	15.098	252	1336	Below Cal		# 59
92) Benzo(g,h,i)perylene	17.439	276	667	Below Cal		# 56

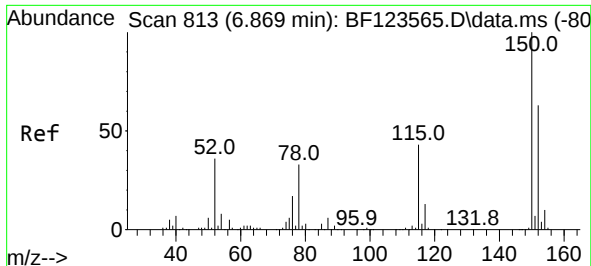
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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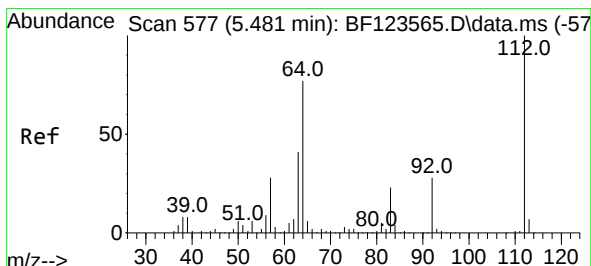
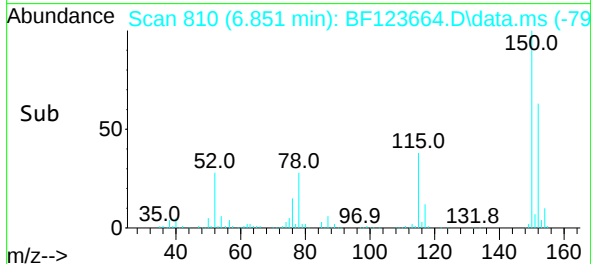
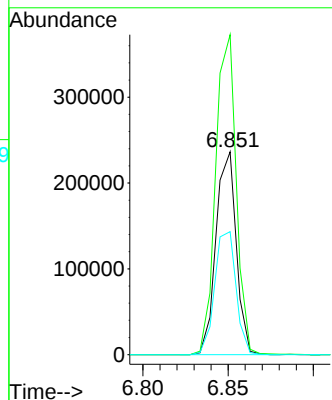
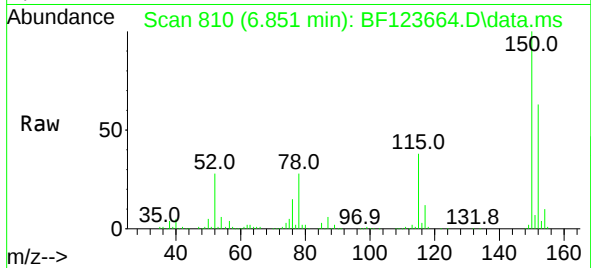




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

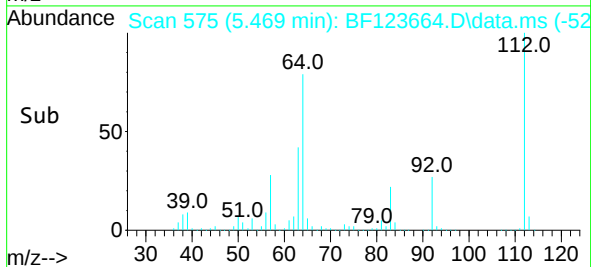
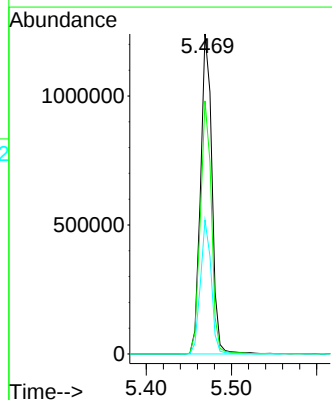
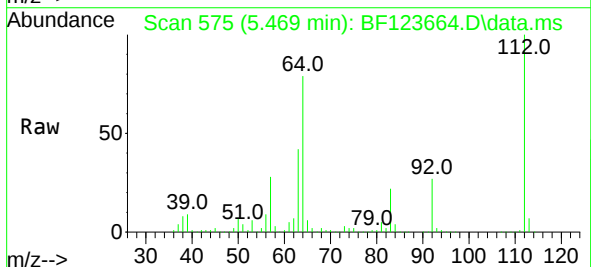
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BNA_F
ClientSampleId :
SB-16-9.5-10.0

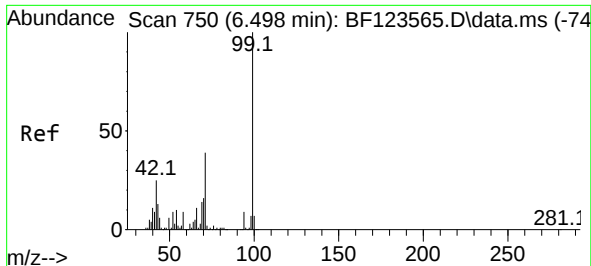
Tgt Ion:152 Resp: 195785
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 60.7 54.3 81.5



#5
2-Fluorophenol
Concen: 95.18 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion:112 Resp: 1153005
Ion Ratio Lower Upper
112 100
64 79.1 61.4 92.0
63 41.9 33.0 49.4

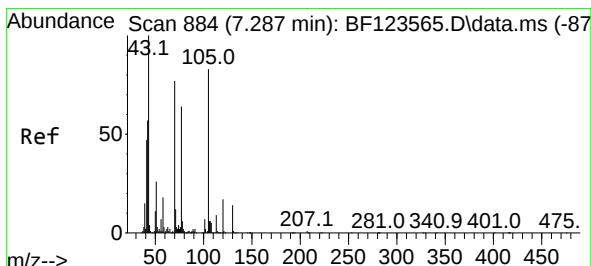
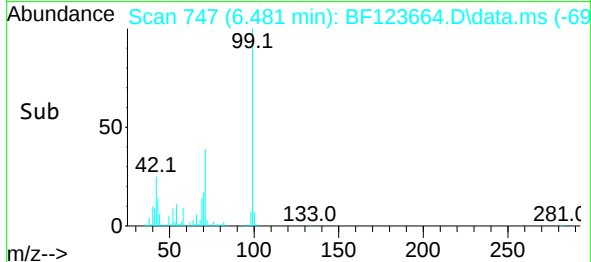
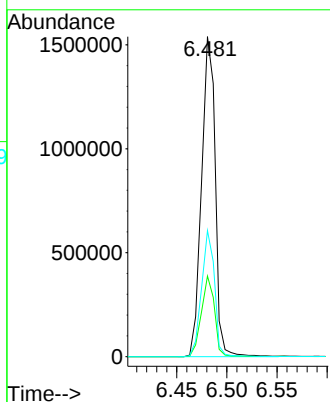
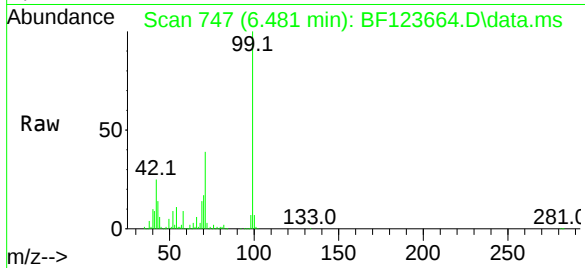




#7
Phenol-d6
Concen: 87.57 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

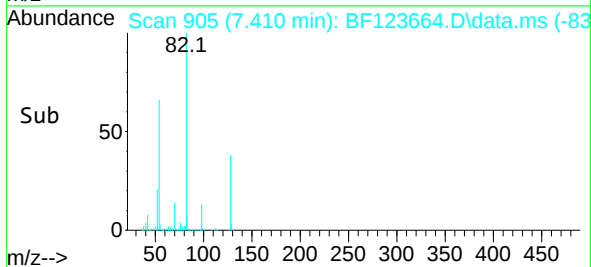
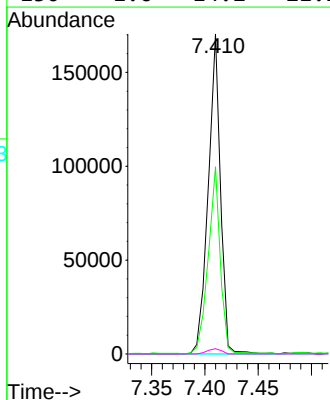
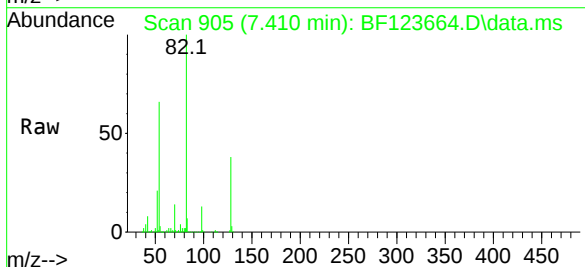
Instrument :
BNA_F
ClientSampleId :
SB-16-9.5-10.0

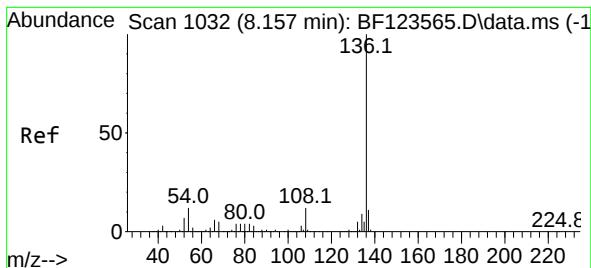
Tgt Ion: 99 Resp: 1469984
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 39.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.32 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion: 70 Resp: 137039
Ion Ratio Lower Upper
70 100
42 58.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

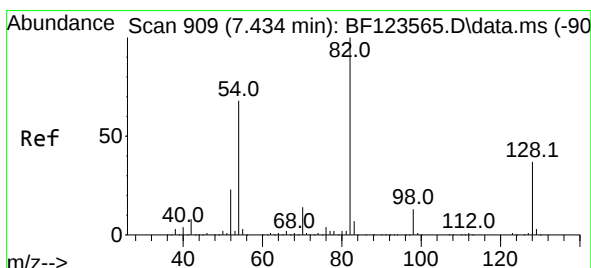
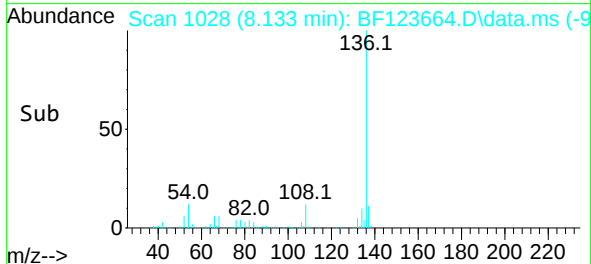
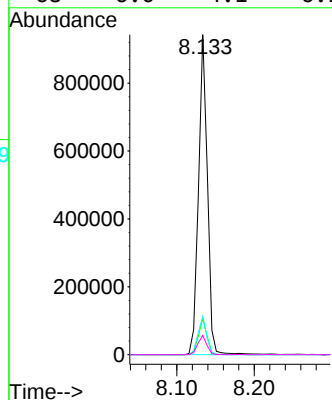
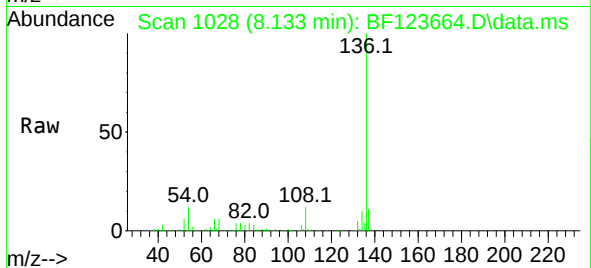




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

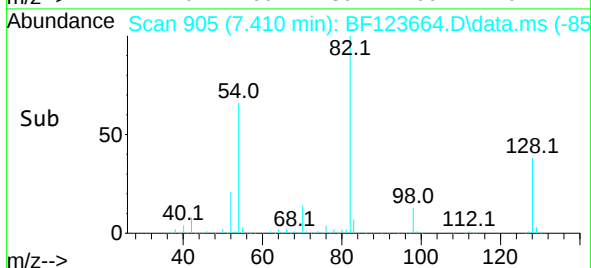
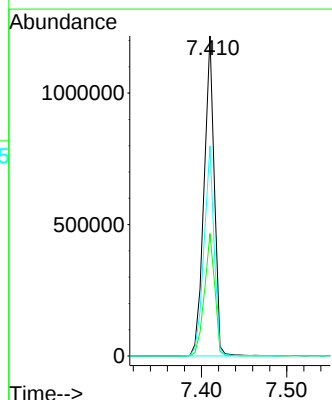
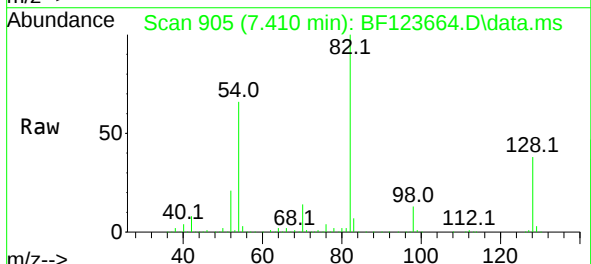
Instrument :
BNA_F
ClientSampleId :
SB-16-9.5-10.0

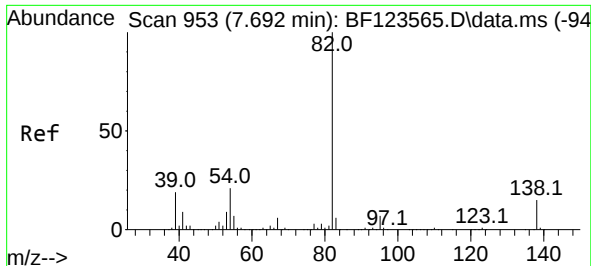
Tgt	Ion:136	Resp:	752805
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	12.0	9.8	14.6
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 62.48 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion: 82		Resp: 1023074	
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	65.6	54.1	81.1

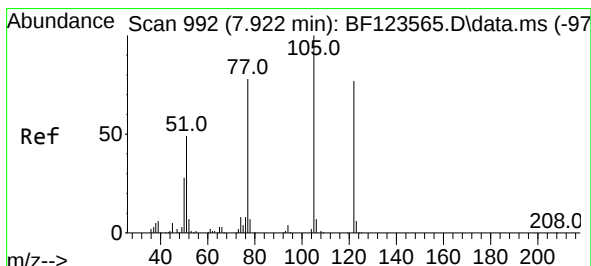
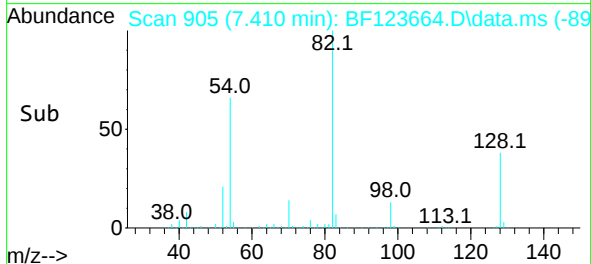
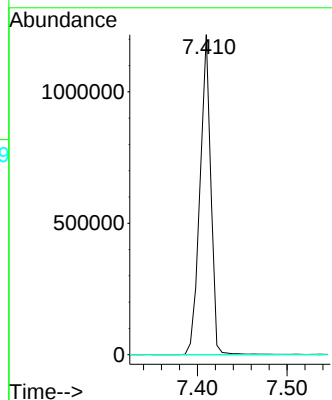
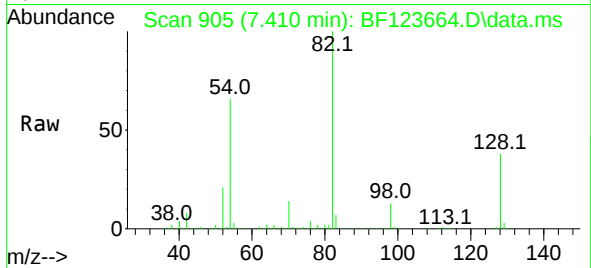




#25
Isophorone
Concen: 32.20 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

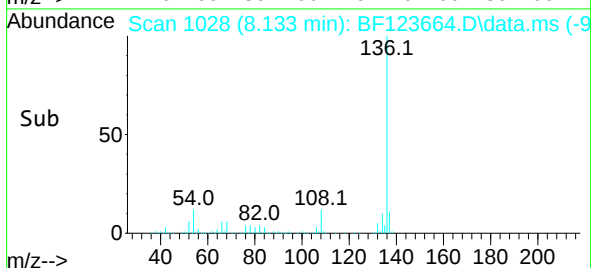
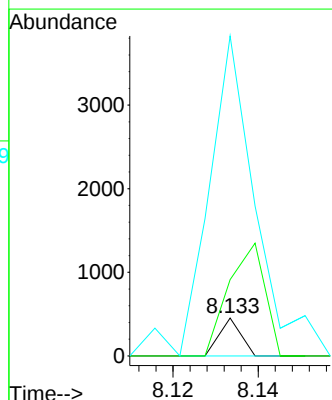
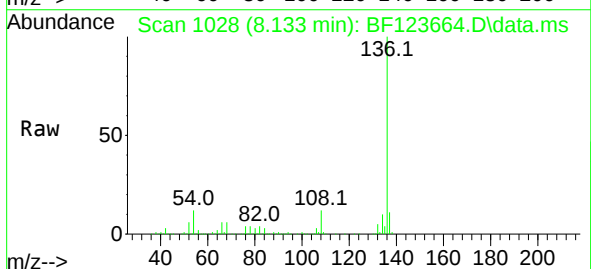
Instrument :
BNA_F
ClientSampleId :
SB-16-9.5-10.0

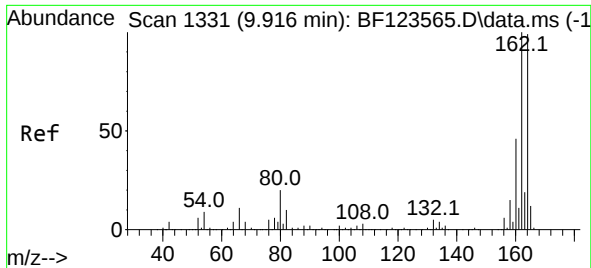
Tgt Ion: 82 Resp: 1023067
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.57 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.217 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion: 122 Resp: 160
Ion Ratio Lower Upper
122 100
105 201.1 107.8 147.8#
77 843.0 81.6 121.6#

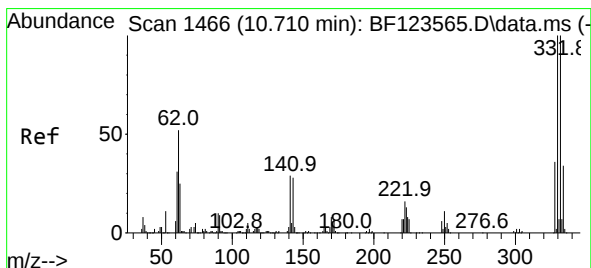
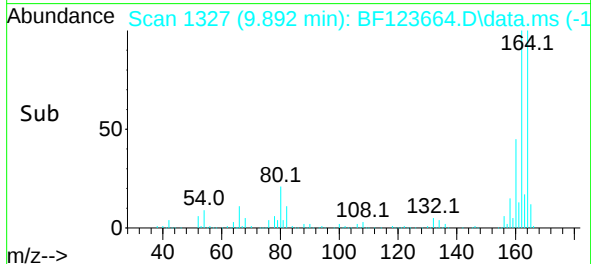
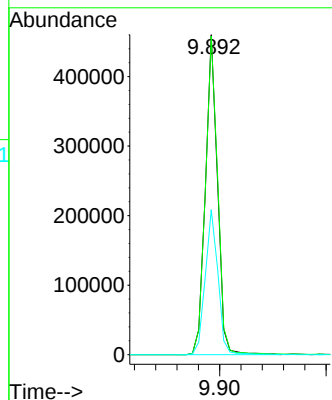
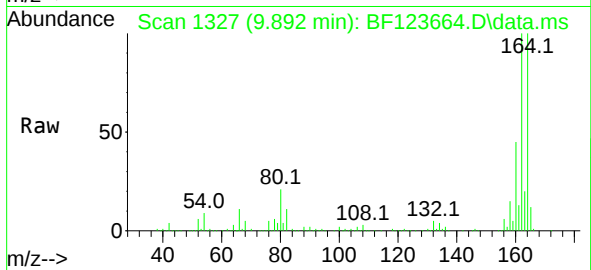




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

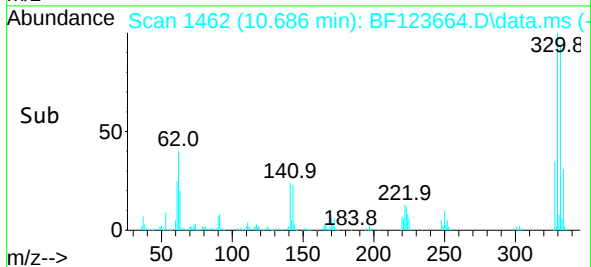
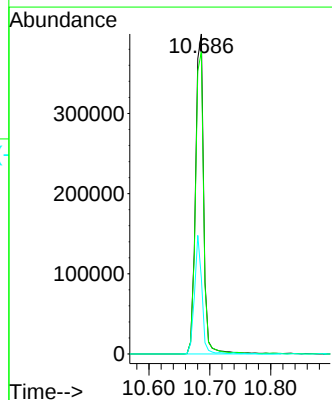
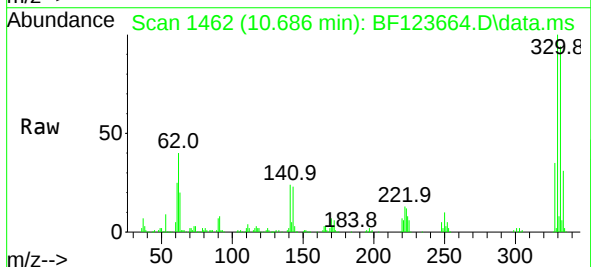
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ClientSampleId :
SB-16-9.5-10.0

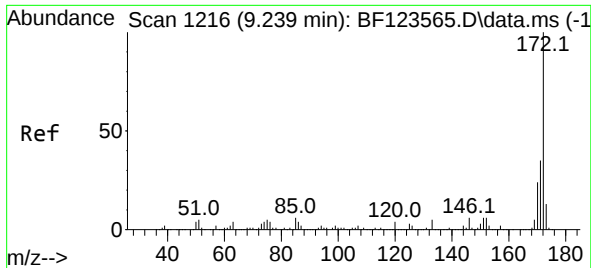
Tgt Ion:164 Resp: 364009
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 45.3 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 90.35 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion:330 Resp: 372423
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 33.4 27.9 41.9

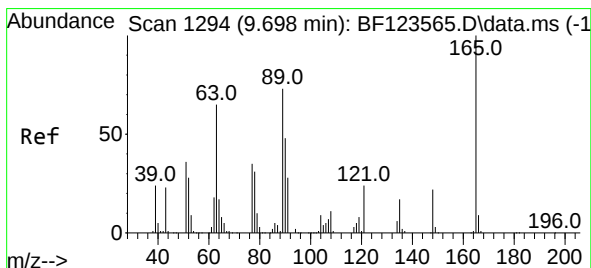
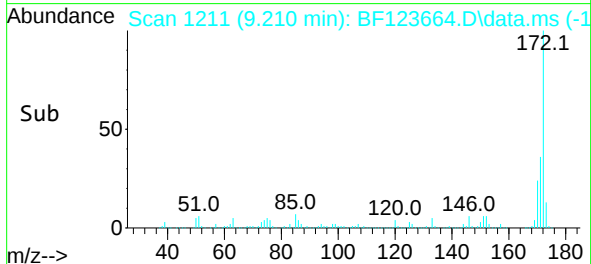
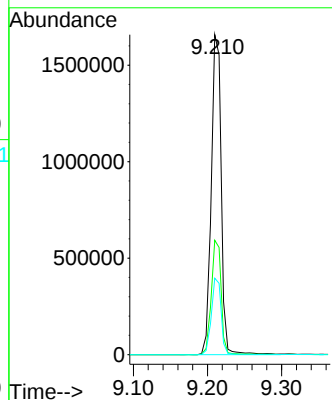
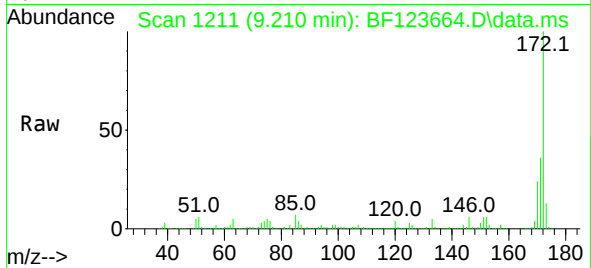




#45
2-Fluorobiphenyl
Concen: 63.36 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

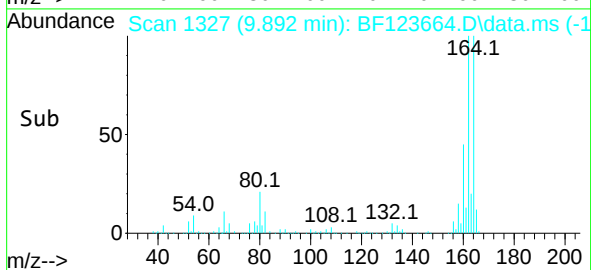
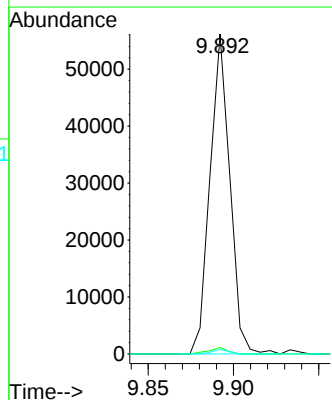
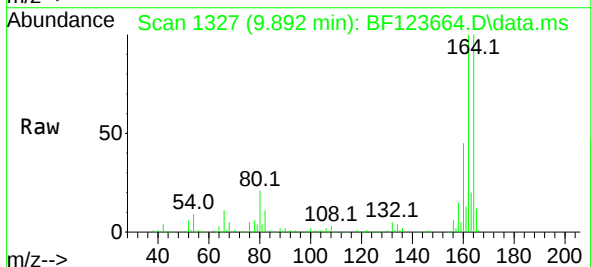
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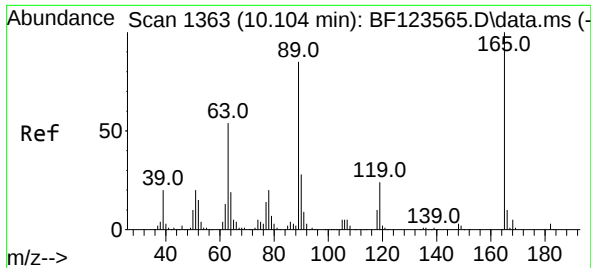
Tgt Ion:172 Resp: 1547137
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.9 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion:165 Resp: 45634
Ion Ratio Lower Upper
165 100
63 2.0 67.7 101.5#
89 1.4 58.8 88.2#

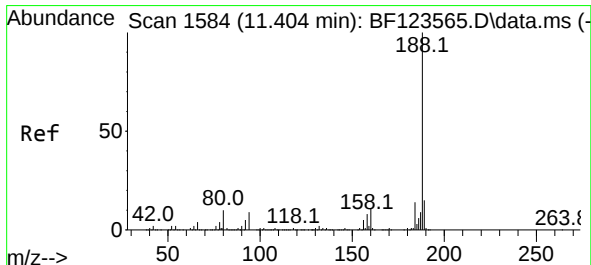
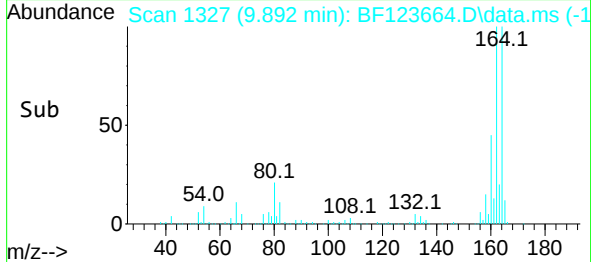
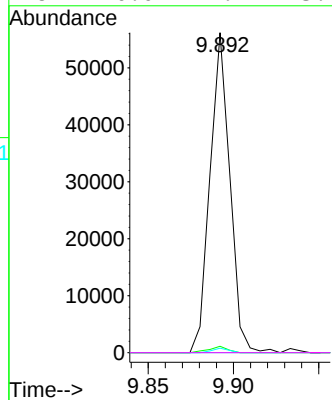
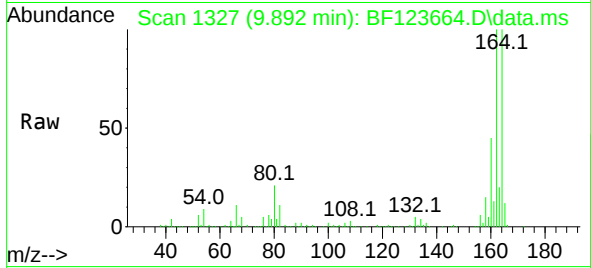




#57
2,4-Dinitrotoluene
Concen: 6.19 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

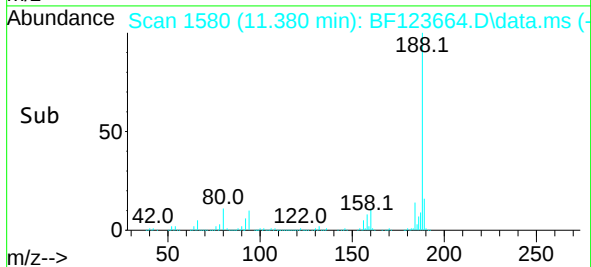
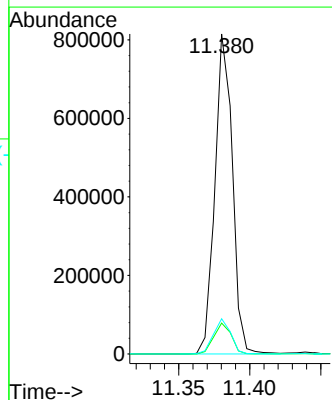
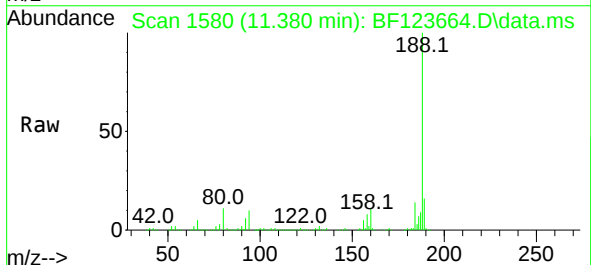
Instrument :
BNA_F
ClientSampleId :
SB-16-9.5-10.0

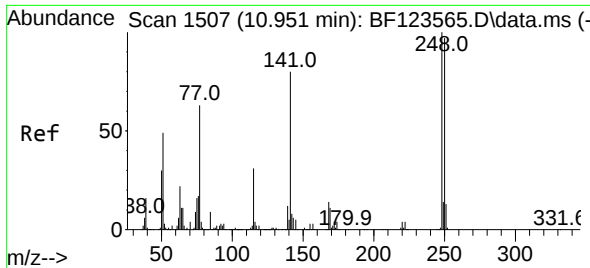
Tgt Ion:165 Resp: 45634
Ion Ratio Lower Upper
165 100
63 2.0 43.5 65.3#
89 1.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion:188 Resp: 696351
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 11.0 8.2 12.2

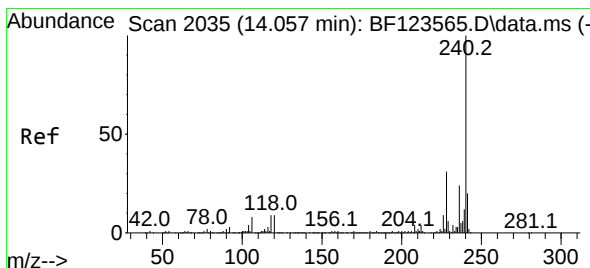
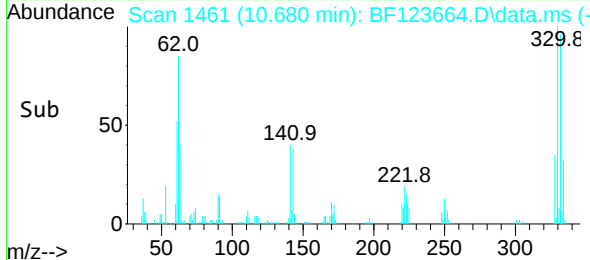
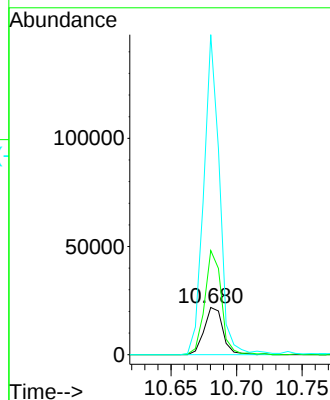
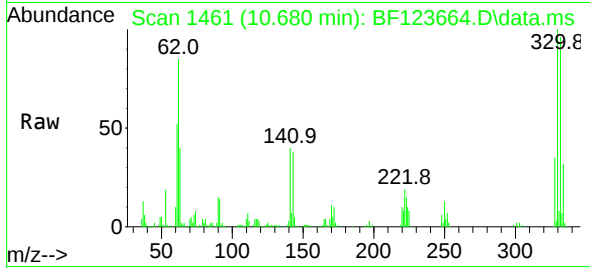




#67
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

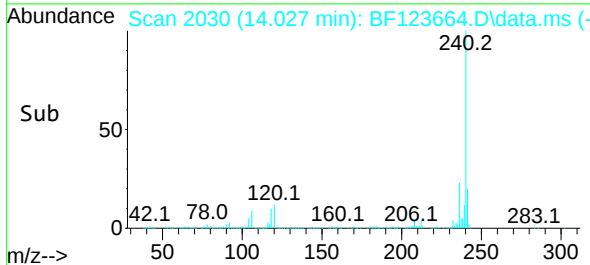
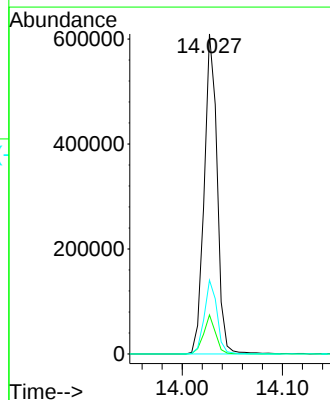
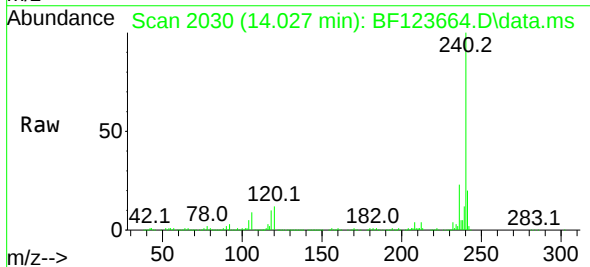
Instrument :
BNA_F
ClientSampleId :
SB-16-9.5-10.0

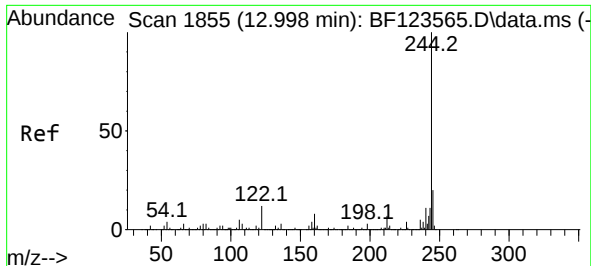
Tgt Ion:248 Resp: 21785
Ion Ratio Lower Upper
248 100
250 220.6 77.4 116.2#
141 677.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion:240 Resp: 549084
Ion Ratio Lower Upper
240 100
120 12.2 7.2 10.8#
236 23.1 19.0 28.4

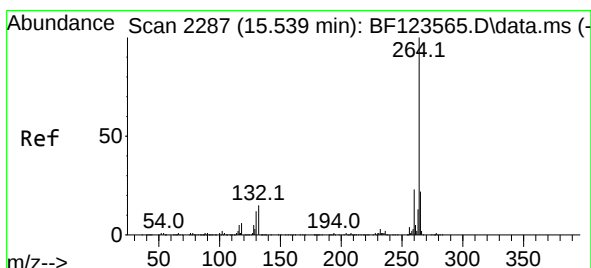
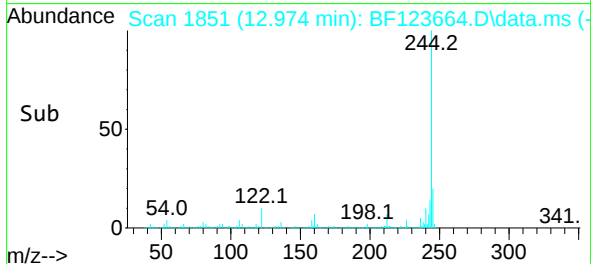
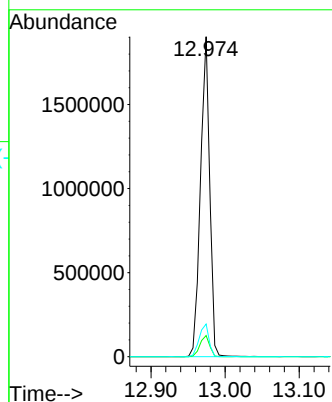
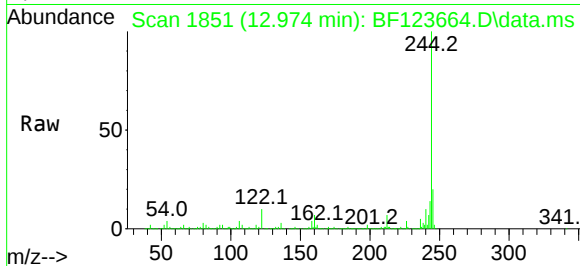




#79
Terphenyl-d14
Concen: 58.12 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Instrument :
BNA_F
ClientSampleId :
SB-16-9.5-10.0

Tgt Ion:244 Resp: 1641850
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.2 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF123664.D
Acq: 21 Apr 2021 13:28

Tgt Ion:264 Resp: 425663
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 22.6 17.8 26.8

