

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
 Data File : BF123092.D
 Acq On : 29 Jan 2021 20:20
 Operator : JU/CG
 Sample : M1270-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-SP3

Quant Time: Jan 29 22:37:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

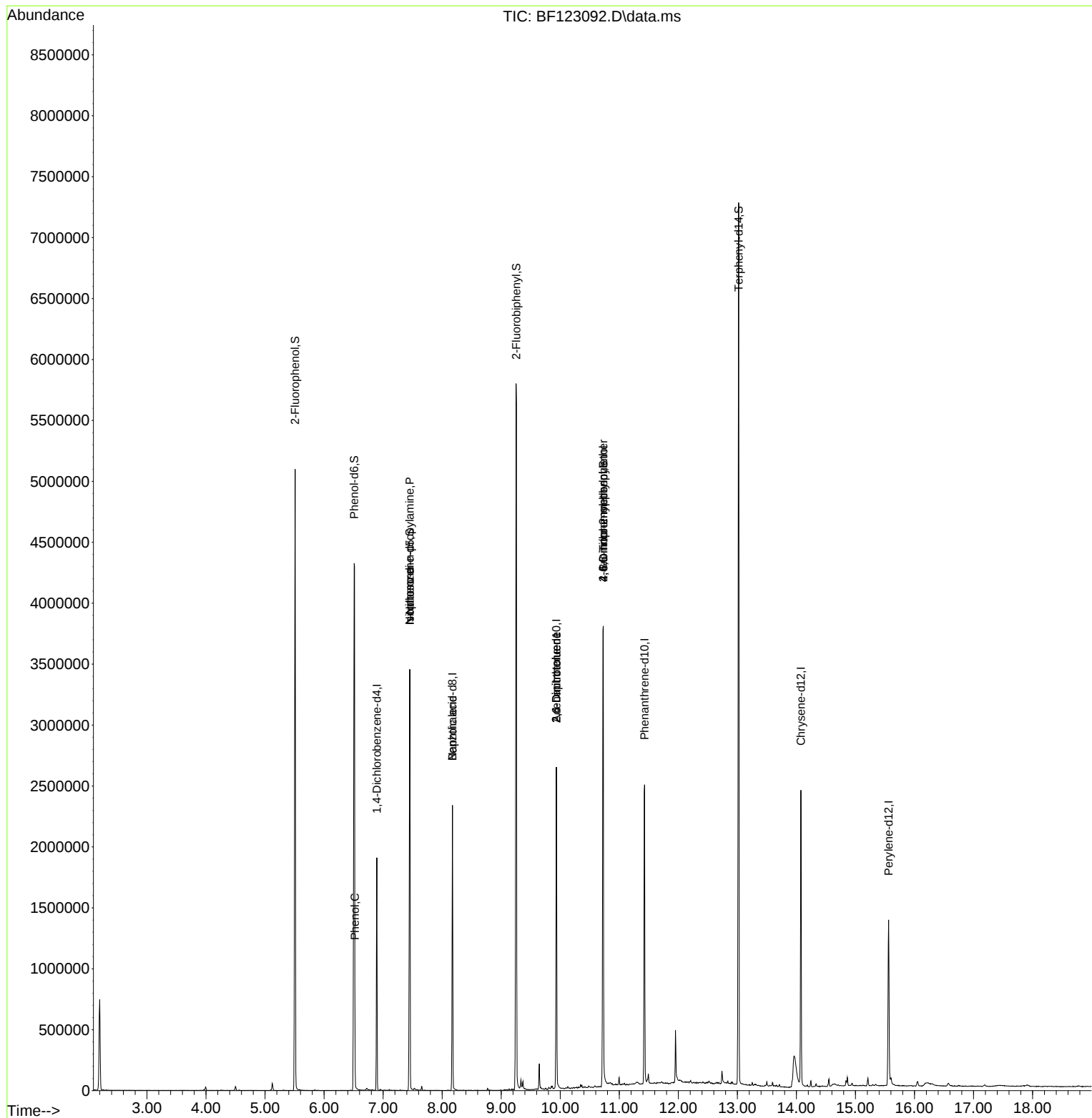
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	260719	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	994430	20.00	ng	0.00
39) Acenaphthene-d10	9.933	164	533534	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	966068	20.00	ng	0.00
76) Chrysene-d12	14.074	240	791719	20.00	ng	-0.01
86) Perylene-d12	15.562	264	625054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1480171	87.58	ng	0.00
7) Phenol-d6	6.510	99	1872932	81.75	ng	0.00
23) Nitrobenzene-d5	7.451	82	1171819	59.30	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	540880	93.39	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2086236	58.13	ng	0.00
79) Terphenyl-d14	13.021	244	2356752	58.48	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.522	94	69742	3.07	ng	96
19) n-Nitroso-di-n-propyla...	7.451	70	156415	11.35	ng	# 78
25) Isophorone	7.451	82	1168383	32.28	ng	# 65
32) Benzoic acid	8.175	122	145	4.93	ng	# 1
51) 2,6-Dinitrotoluene	9.933	165	68858	7.72	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	68859	5.94	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.727	198	1100	5.16	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	35404	2.88	ng	# 1

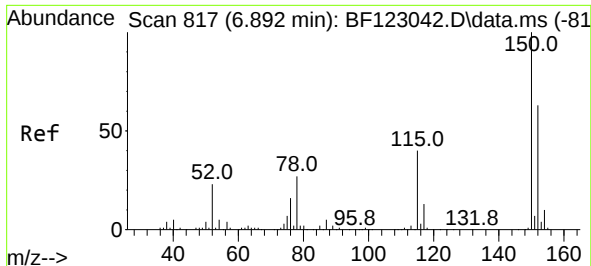
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
Data File : BF123092.D
Acq On : 29 Jan 2021 20:20
Operator : JU/CG
Sample : M1270-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-SP3

Quant Time: Jan 29 22:37:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

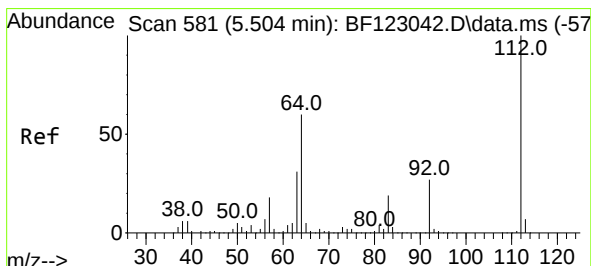
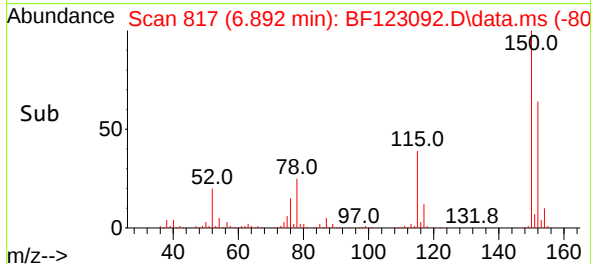
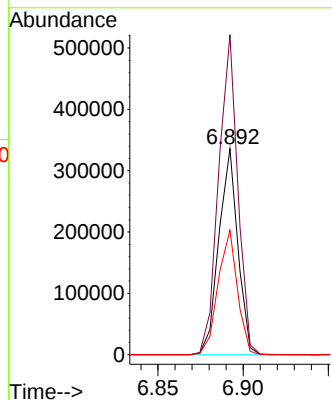
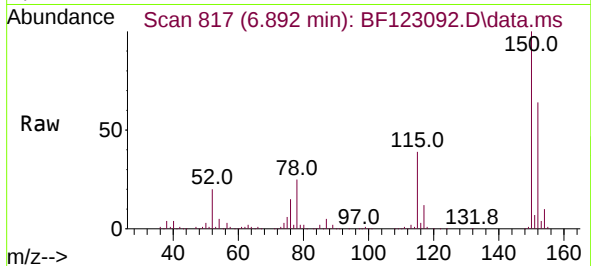




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

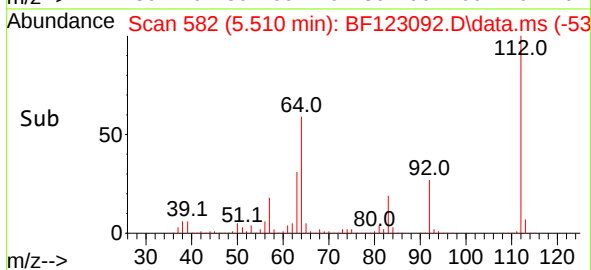
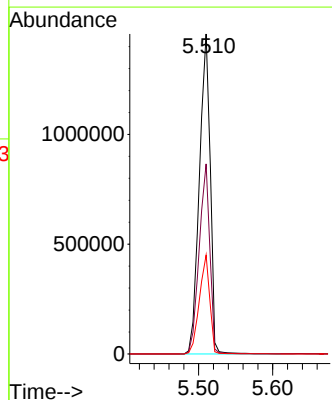
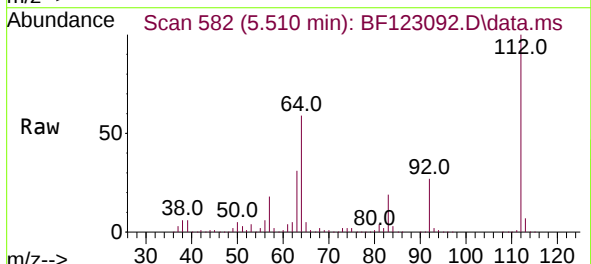
Instrument :
BNA_F
ClientSampleId :
RS-SP3

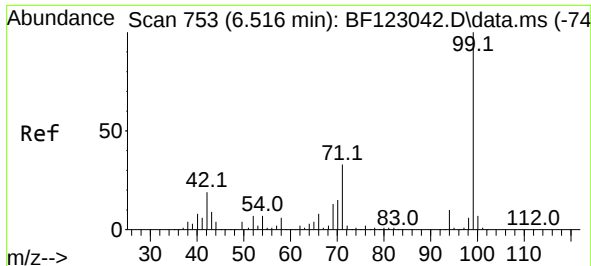
Tgt Ion:152 Resp: 260719
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 87.58 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:112 Resp: 1480171
Ion Ratio Lower Upper
112 100
64 59.4 46.9 70.3
63 30.9 24.5 36.7



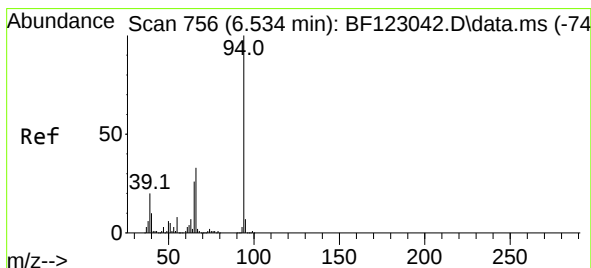
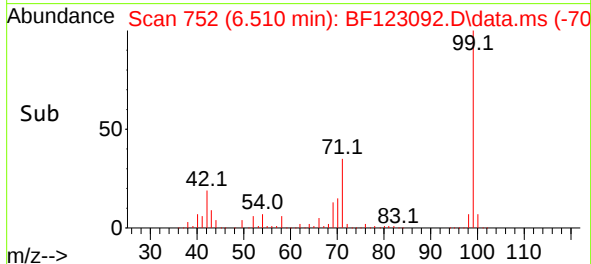
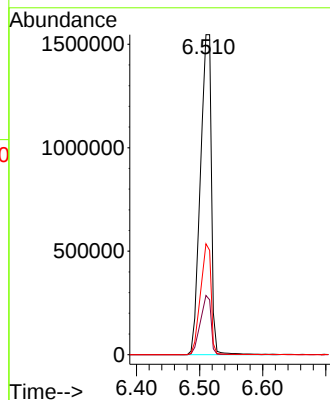
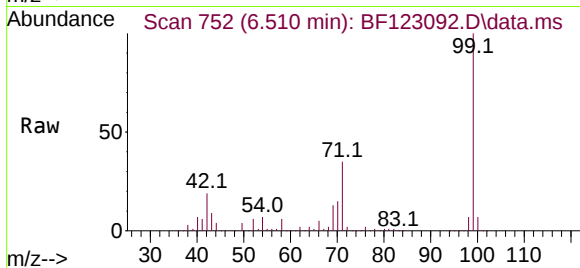


#7
Phenol-d6
Concen: 81.75 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Instrument :
BNA_F
ClientSampleId :
RS-SP3

Tgt Ion: 99 Resp: 1872932

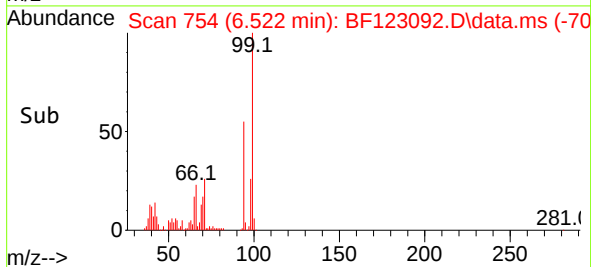
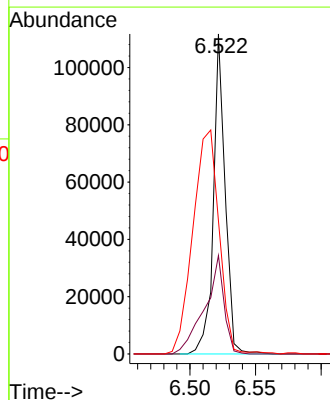
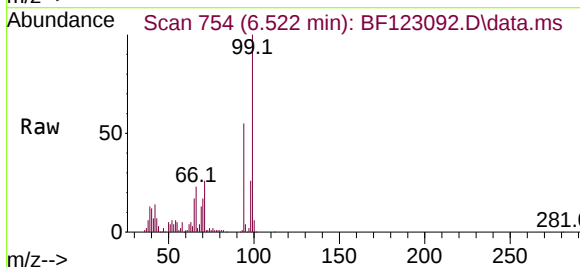
Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.8	20.6
71	34.6	26.9	40.3

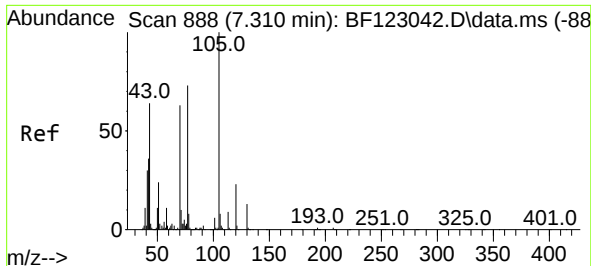


#10
Phenol
Concen: 3.07 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion: 94 Resp: 69742

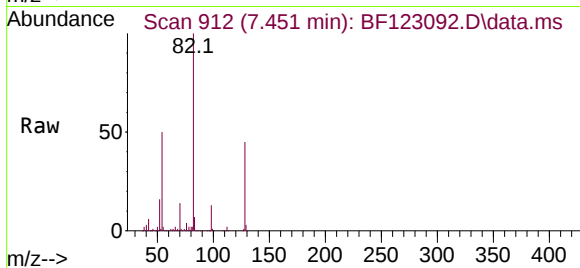
Ion	Ratio	Lower	Upper
94	100		
65	30.8	11.2	51.2
66	41.6	25.8	65.8



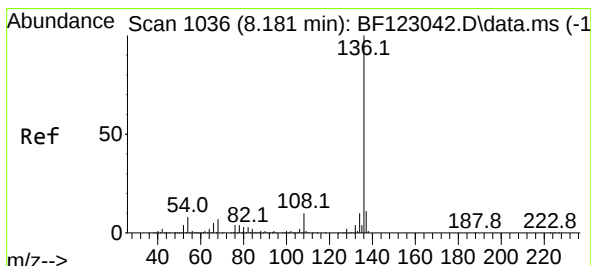
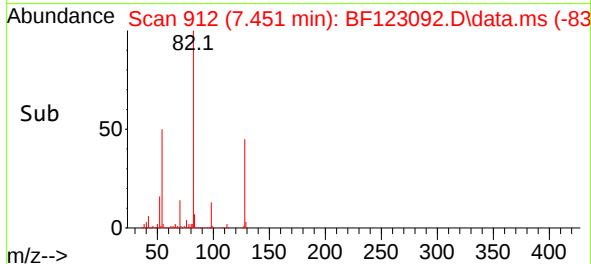
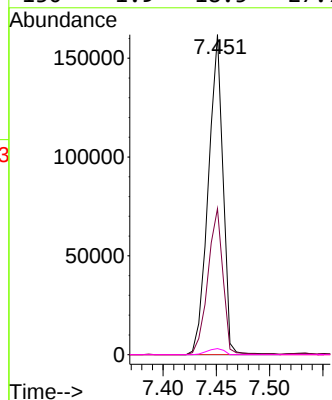


#19
n-Nitroso-di-n-propylamine
Concen: 11.35 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Instrument :
BNA_F
ClientSampled :
RS-SP3

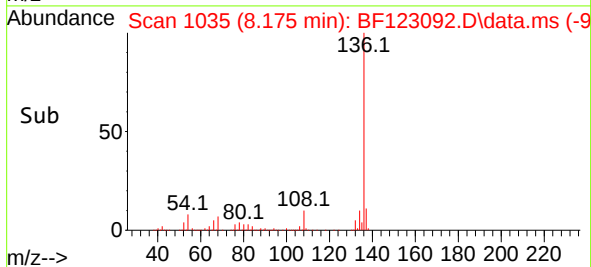
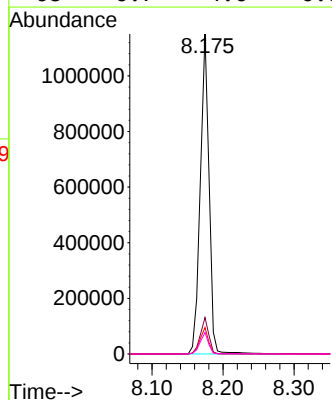
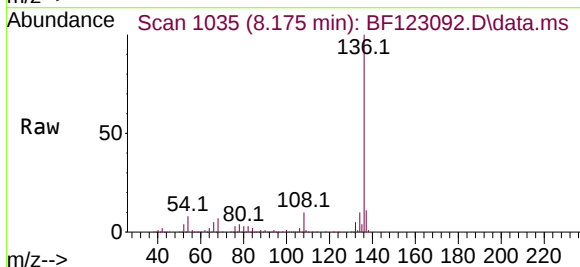


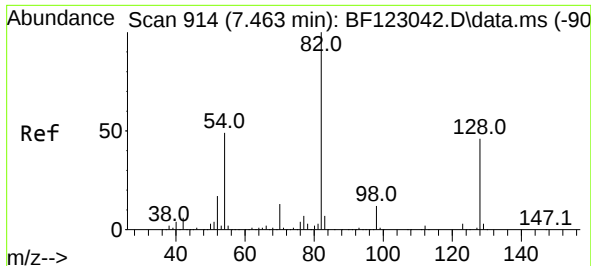
Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.7	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.3	5.5	8.3
68	6.7	4.6	6.8

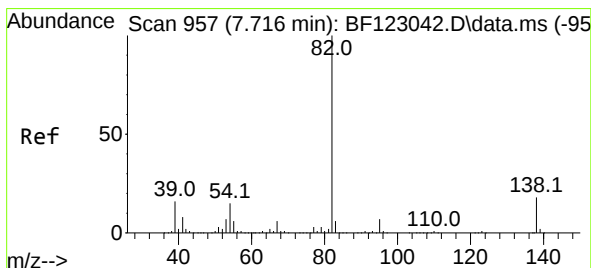
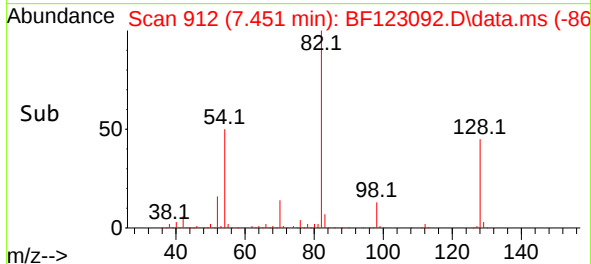
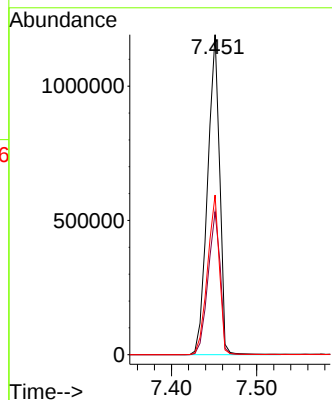
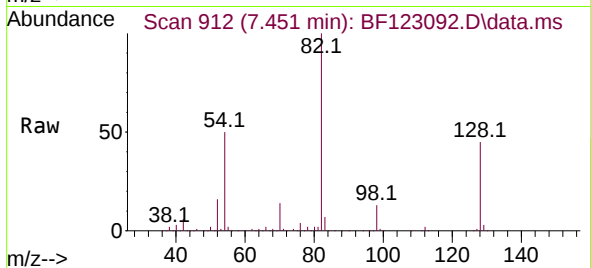




#23
Nitrobenzene-d5
Concen: 59.30 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

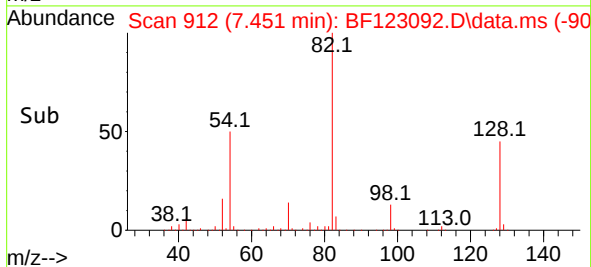
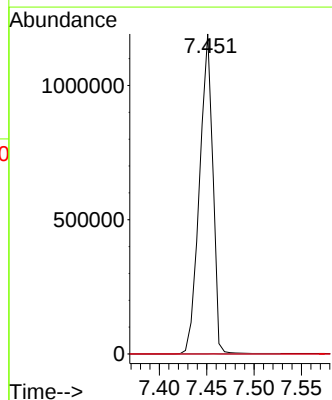
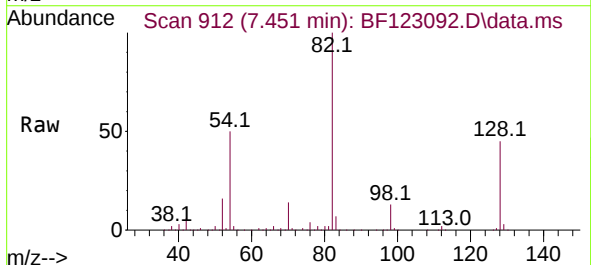
Instrument :
BNA_F
ClientSampleId :
RS-SP3

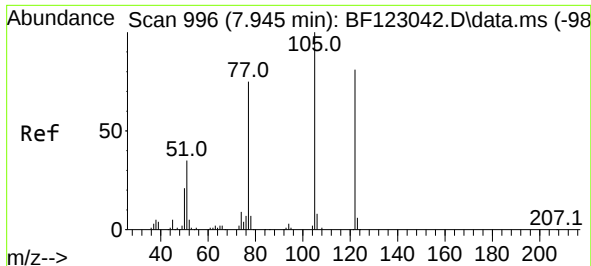
Tgt Ion: 82 Resp: 1171819
Ion Ratio Lower Upper
82 100
128 44.7 37.0 55.4
54 49.9 38.4 57.6



#25
Isophorone
Concen: 32.28 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion: 82 Resp: 1168383
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

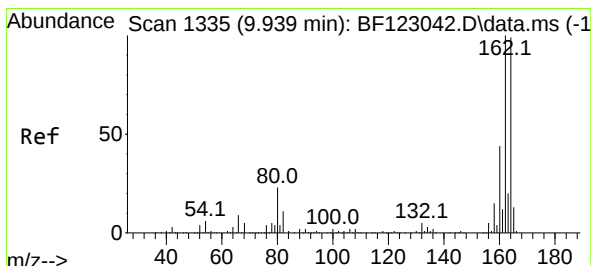
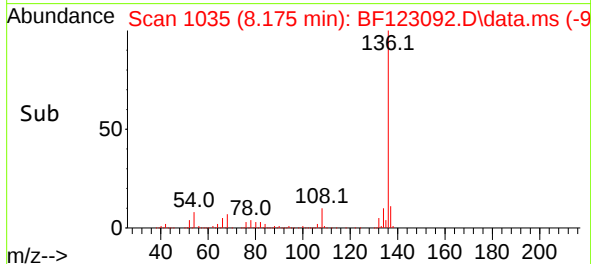
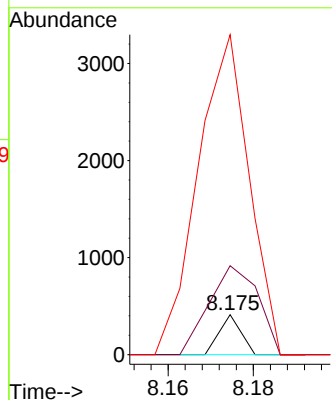
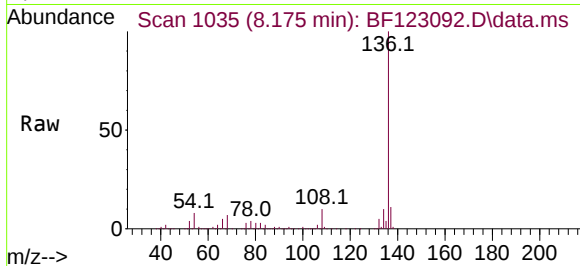




#32
Benzoic acid
Concen: 4.93 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.230 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

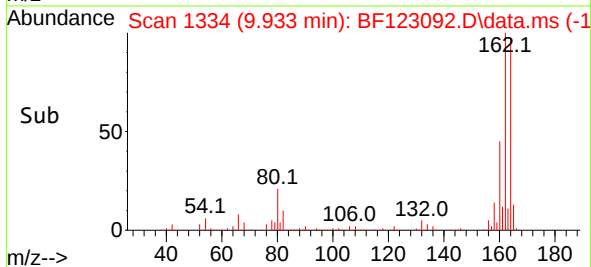
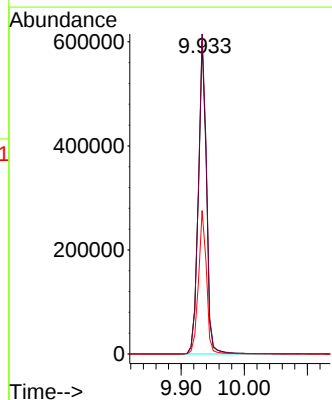
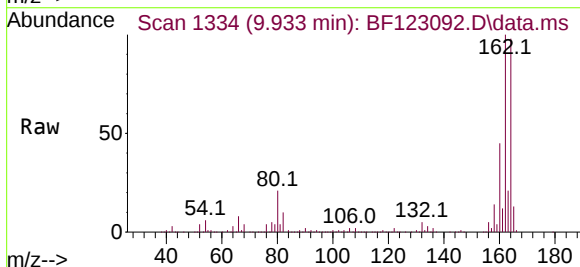
Instrument :
BNA_F
ClientSampleId :
RS-SP3

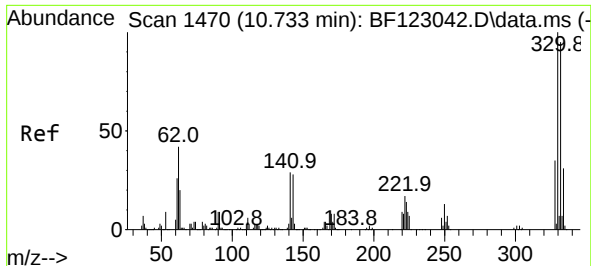
Tgt Ion:122 Resp: 145
Ion Ratio Lower Upper
122 100
105 222.3 104.8 144.8#
77 800.2 71.0 111.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:164 Resp: 533534
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 45.8 35.4 53.0

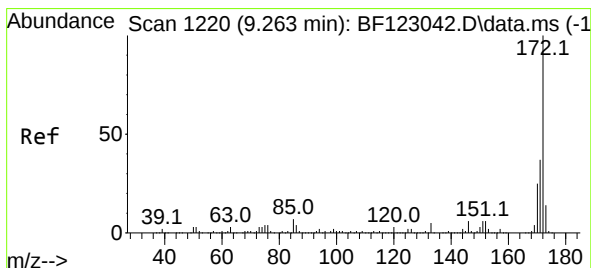
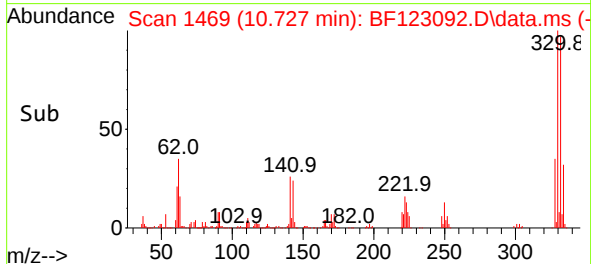
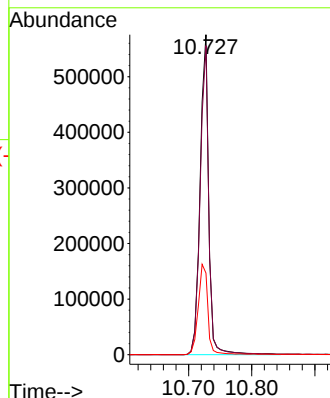
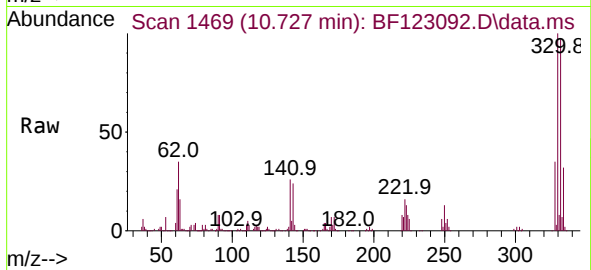




#42
2,4,6-Tribromophenol
Concen: 93.39 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

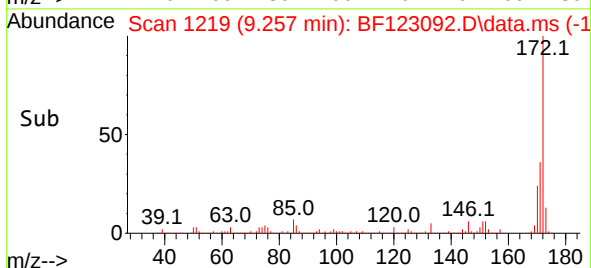
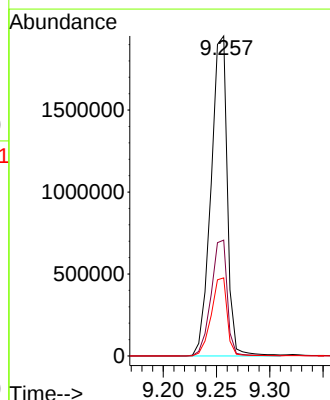
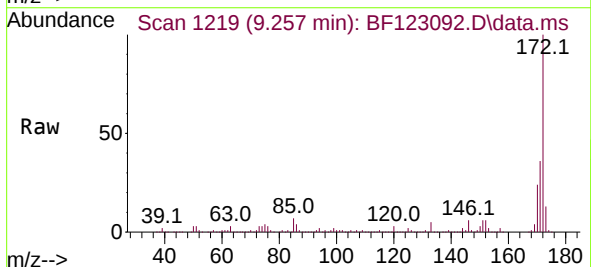
Instrument :
BNA_F
ClientSampleId :
RS-SP3

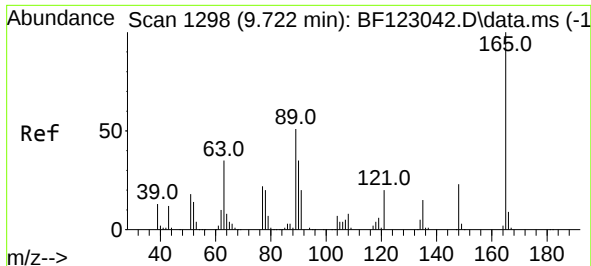
Tgt Ion:330 Resp: 540880
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 31.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 58.13 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:172 Resp: 2086236
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.4 19.5 29.3

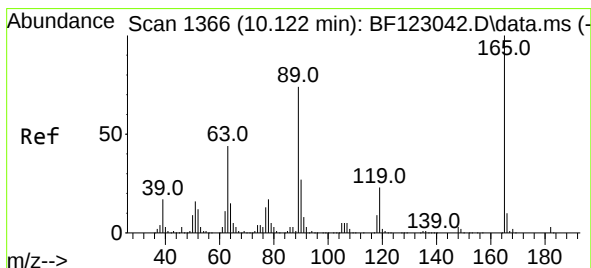
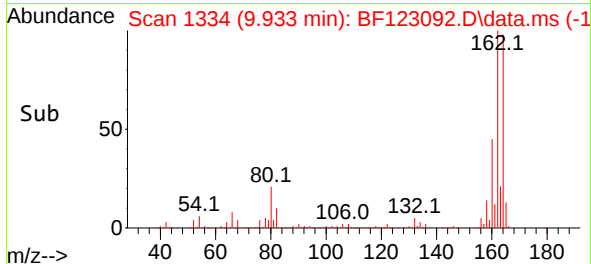
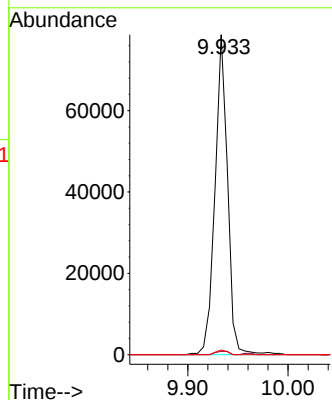
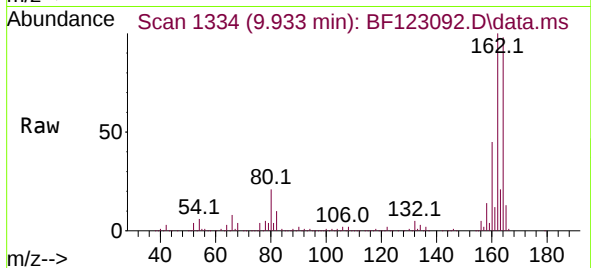




#51
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

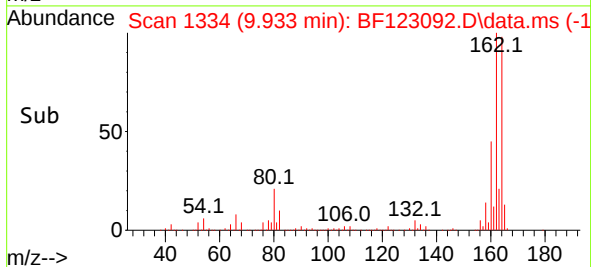
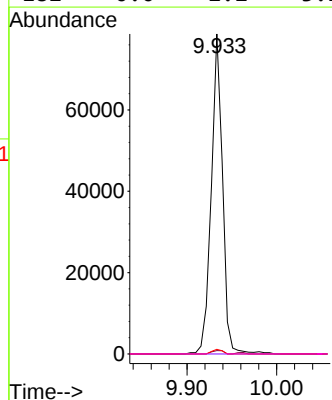
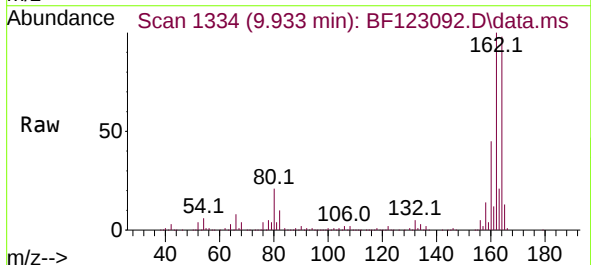
Instrument :
BNA_F
ClientSampled :
RS-SP3

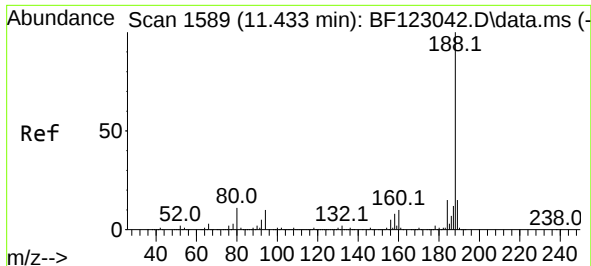
Tgt Ion:165 Resp: 68858
Ion Ratio Lower Upper
165 100
63 1.0 36.6 55.0#
89 1.5 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:165 Resp: 68859
Ion Ratio Lower Upper
165 100
63 1.0 34.3 51.5#
89 1.5 55.2 82.8#
182 0.0 2.2 3.2#

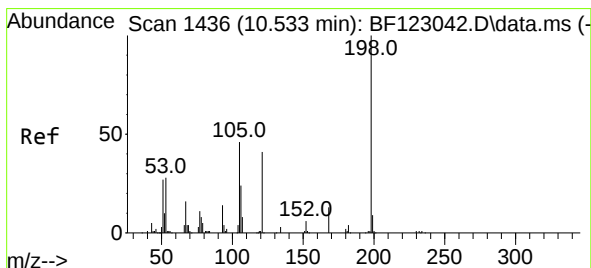
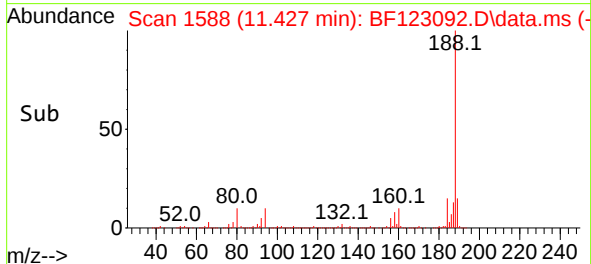
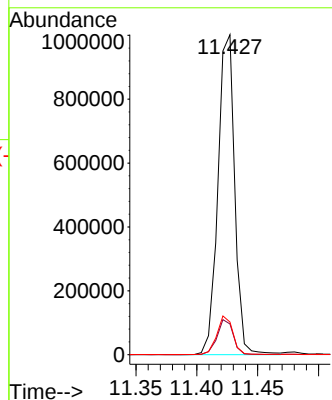
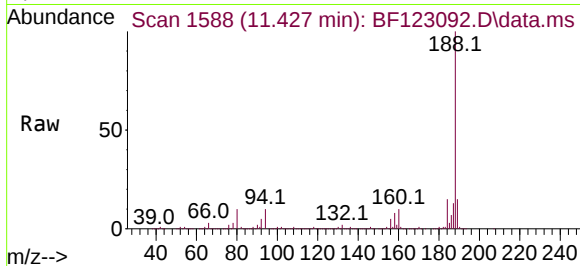




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

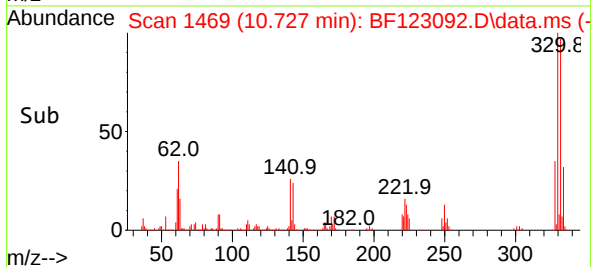
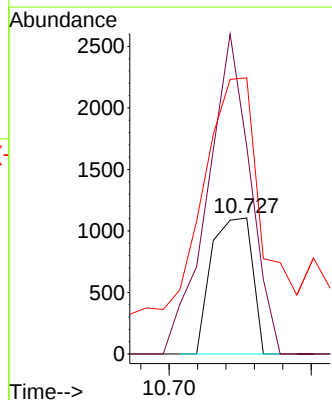
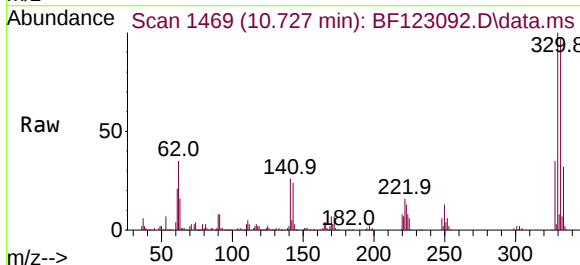
Instrument :
BNA_F
ClientSampleId :
RS-SP3

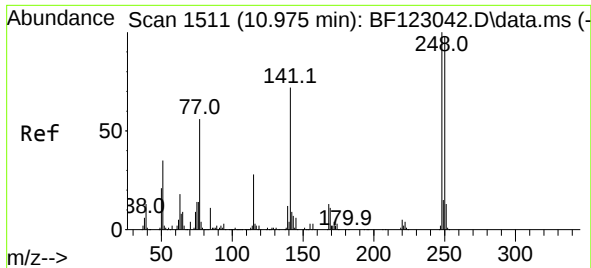
Tgt Ion:188 Resp: 966068
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.2 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.16 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.194 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:198 Resp: 1100
Ion Ratio Lower Upper
198 100
51 152.5 20.3 60.3#
105 203.0 23.0 63.0#

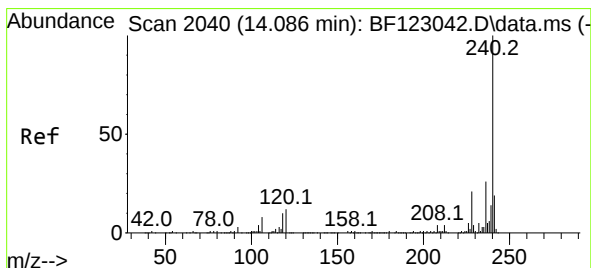
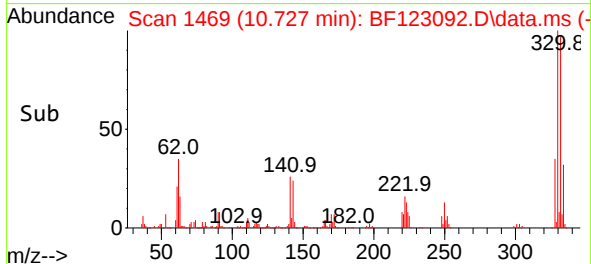
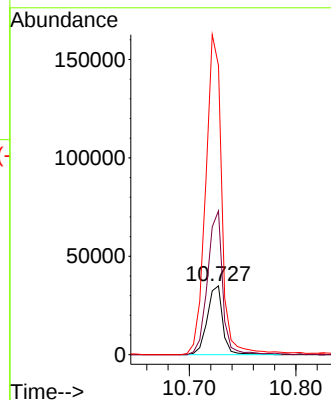
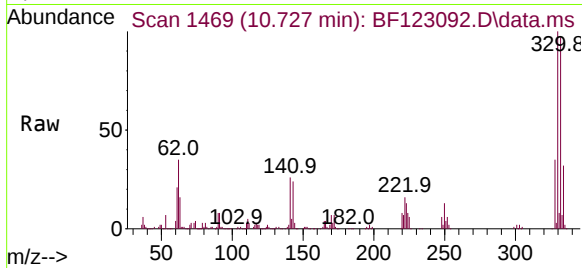




#67
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

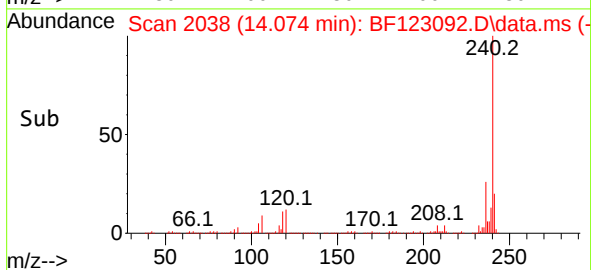
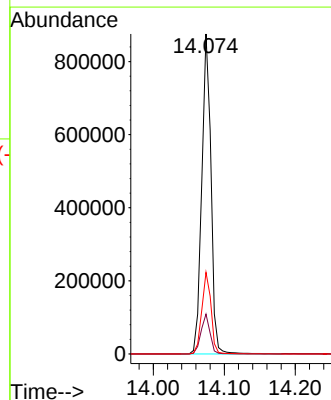
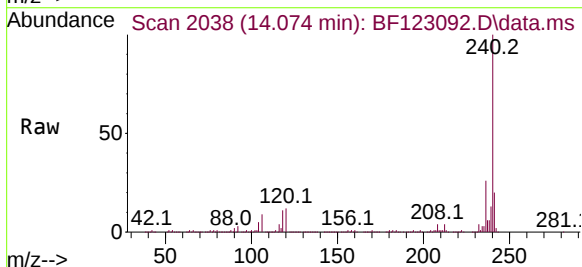
Instrument :
BNA_F
ClientSampleId :
RS-SP3

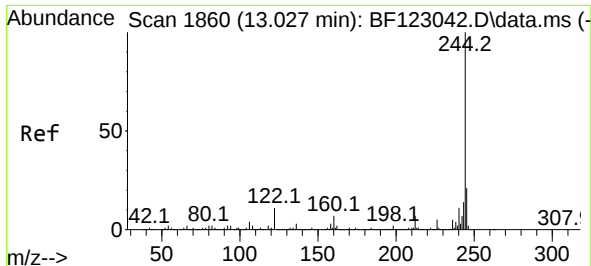
Tgt Ion:248 Resp: 35404
Ion Ratio Lower Upper
248 100
250 208.9 76.8 115.2#
141 419.8 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF123092.D
Acq: 29 Jan 2021 20:20

Tgt Ion:240 Resp: 791719
Ion Ratio Lower Upper
240 100
120 12.4 8.6 12.8
236 25.5 20.3 30.5

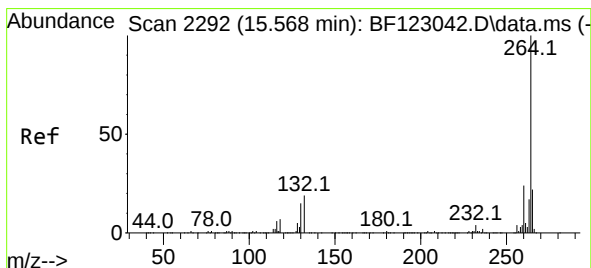
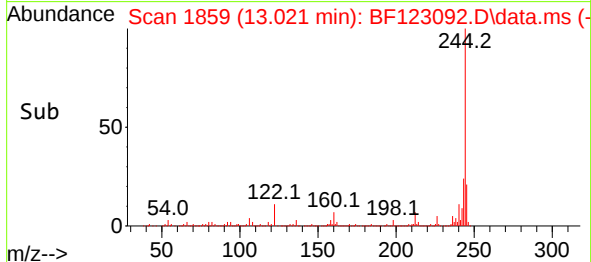
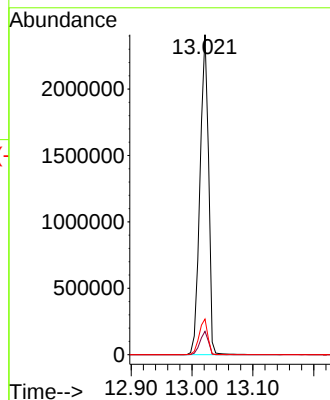
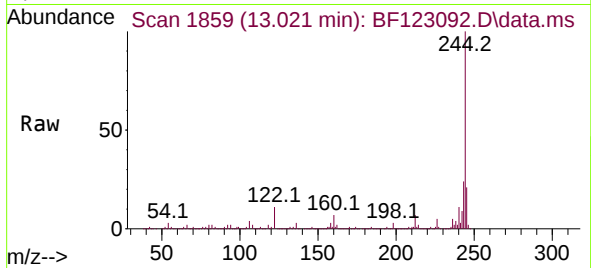




#79
 Terphenyl-d14
 Concen: 58.48 ng
 RT: 13.021 min Scan# 1859
 Delta R.T. -0.006 min
 Lab File: BF123092.D
 Acq: 29 Jan 2021 20:20

Instrument :
 BNA_F
 ClientSampled :
 RS-SP3

Tgt Ion:244 Resp: 2356752
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF123092.D
 Acq: 29 Jan 2021 20:20

Tgt Ion:264 Resp: 625054
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.7 17.0 25.6

