

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
 Data File : BF122994.D
 Acq On : 18 Jan 2021 18:57
 Operator : JU/CG
 Sample : M1090-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BORE-2-1FT-7FT

Quant Time: Jan 18 23:49:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 18 13:14:08 2021
 Response via : Initial Calibration

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

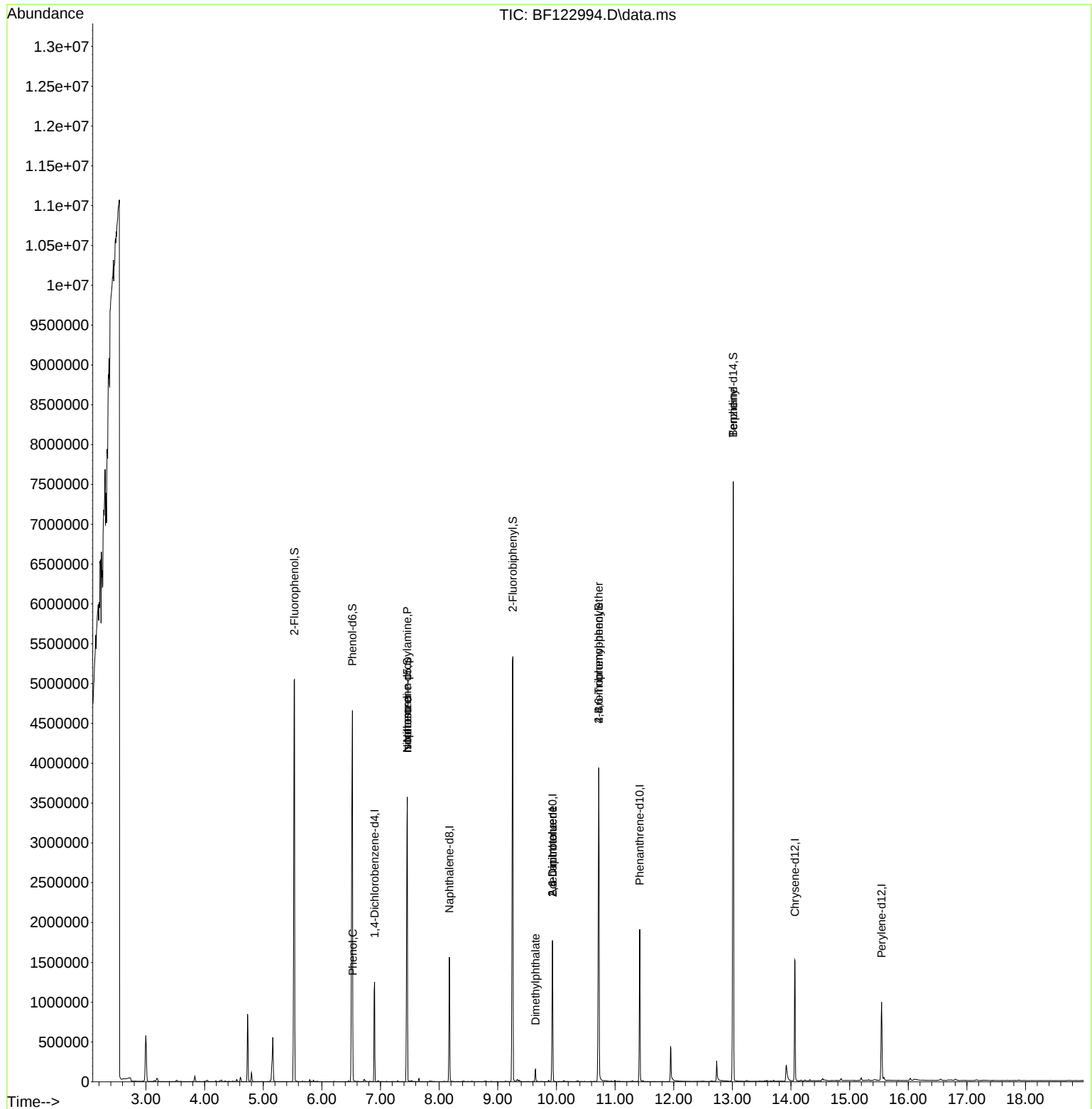
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	160680	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	661968	20.00	ng	# 0.00
39) Acenaphthene-d10	9.933	164	362799	20.00	ng	0.00
64) Phenanthrene-d10	11.422	188	624153	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	515741	20.00	ng	0.00
86) Perylene-d12	15.545	264	415608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1405702	132.24	ng	0.02
7) Phenol-d6	6.522	99	1648761	115.41	ng	0.00
23) Nitrobenzene-d5	7.457	82	1190550	92.55	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	507344	123.66	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1909695	73.71	ng	0.00
79) Terphenyl-d14	13.016	244	2431684	86.45	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	187	Below Cal	#	69
10) Phenol	6.528	94	44799	3.12	ng	97
19) n-Nitroso-di-n-propyla...	7.457	70	167153	19.75	ng	# 78
25) Isophorone	7.457	82	1190540	51.87	ng	# 65
50) Dimethylphthalate	9.645	163	60486	2.15	ng	# 98
51) 2,6-Dinitrotoluene	9.933	165	45551	7.40	ng	# 31
57) 2,4-Dinitrotoluene	9.933	165	45551	5.75	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	30051	3.94	ng	# 1
77) Benzidine	13.016	184	34874	2.55	ng	# 94

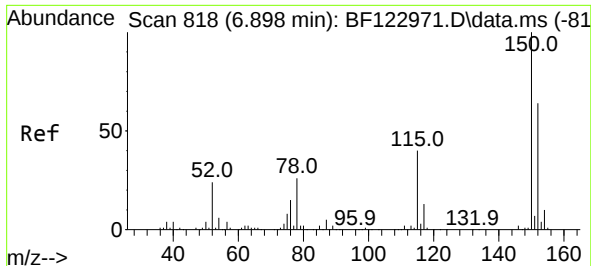
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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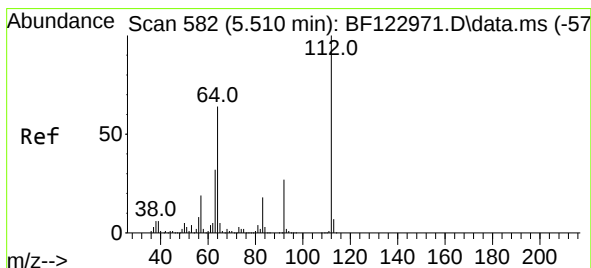
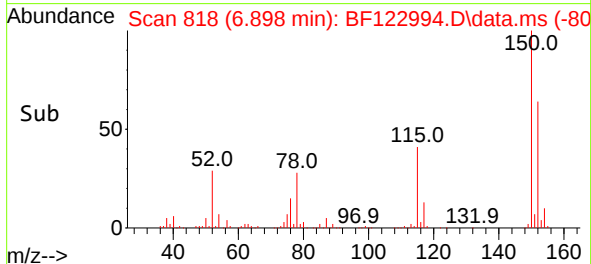
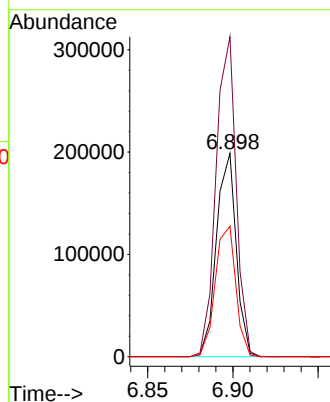
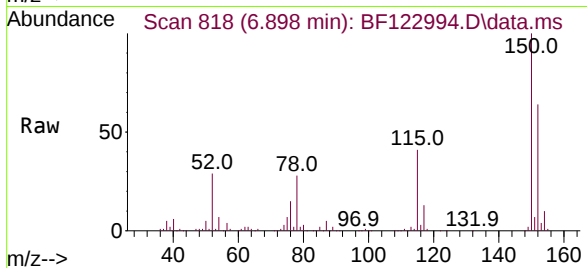




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

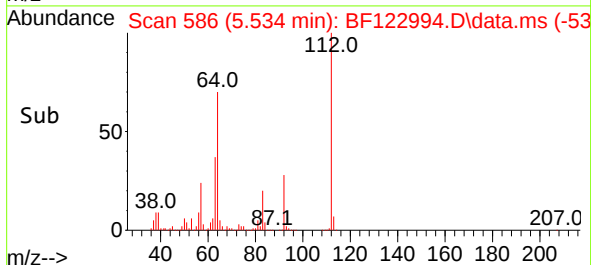
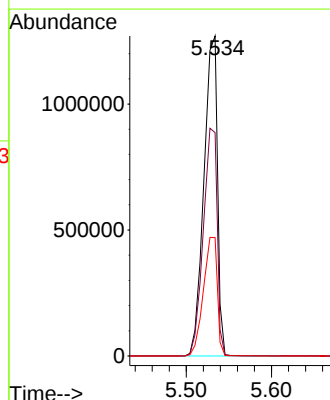
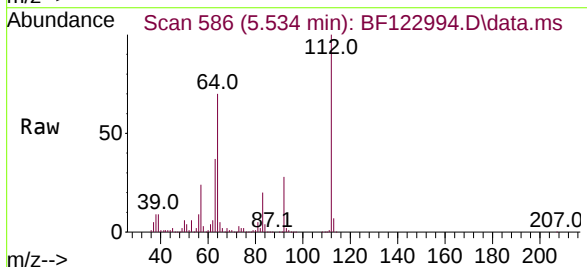
Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

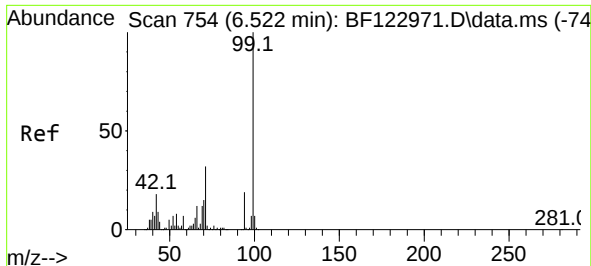
Tgt Ion:152 Resp: 160680
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 64.2 49.3 73.9



#5
2-Fluorophenol
Concen: 132.24 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:112 Resp: 1405702
Ion Ratio Lower Upper
112 100
64 69.8 46.9 70.3
63 37.0 24.5 36.7#

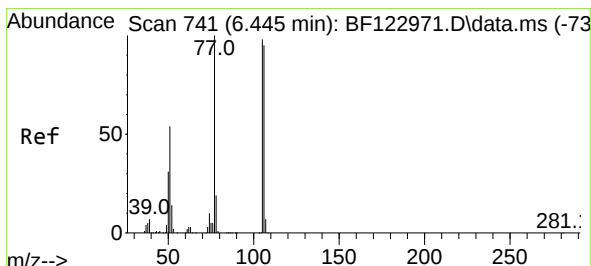
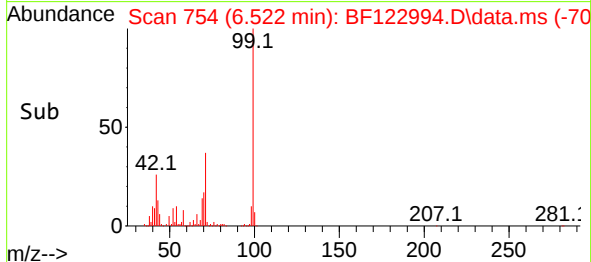
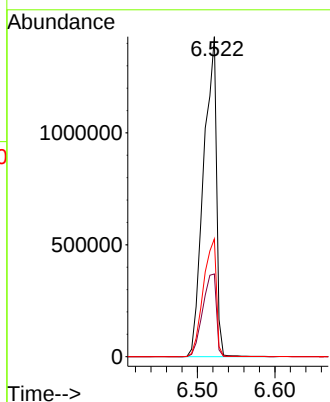
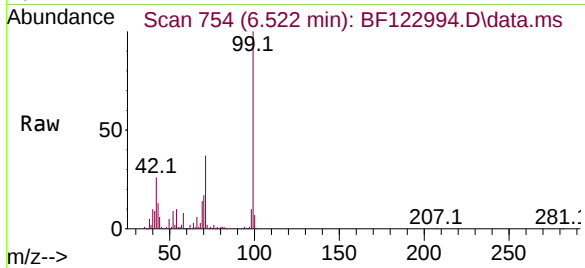




#7
Phenol-d6
Concen: 115.41 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

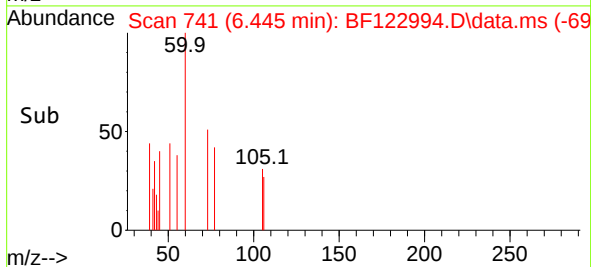
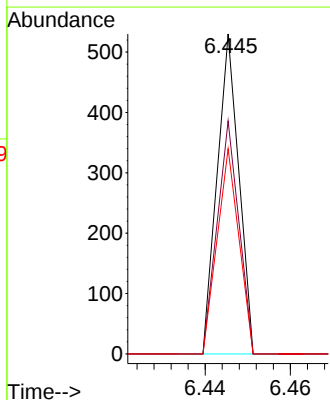
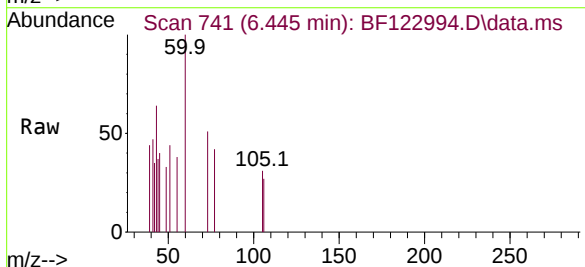
Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

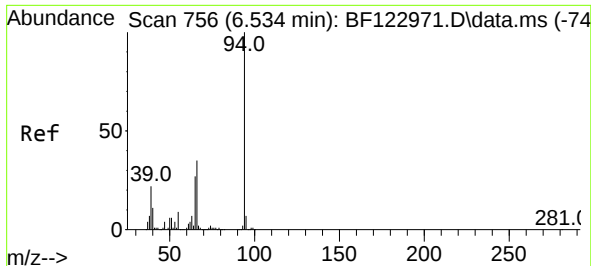
Tgt Ion: 99 Resp: 1648761
Ion Ratio Lower Upper
99 100
42 25.9 13.8 20.6#
71 36.8 26.9 40.3



#9
Benzaldehyde
Concen: Below Cal
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion: 77 Resp: 187
Ion Ratio Lower Upper
77 100
105 72.8 80.6 120.6#
106 64.2 77.2 117.2#

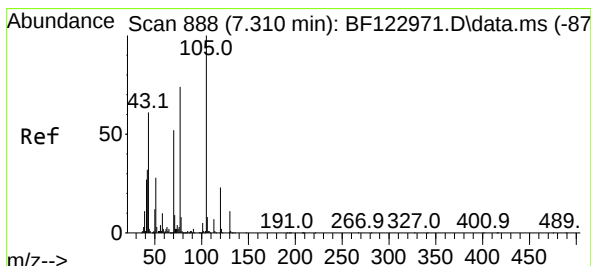
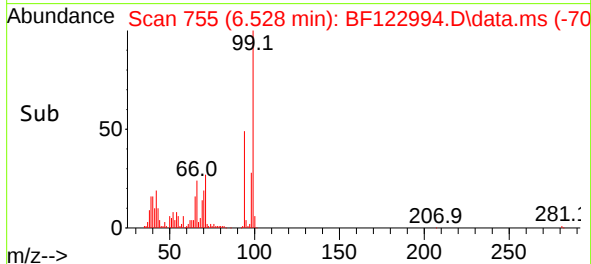
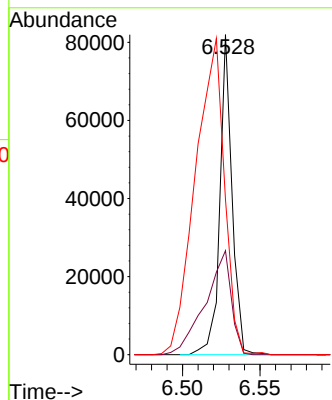
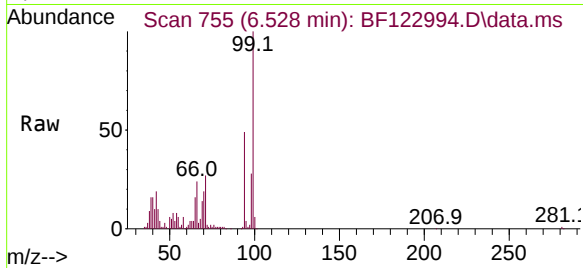




#10
Phenol
Concen: 3.12 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

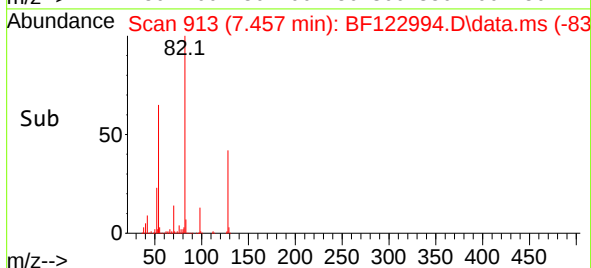
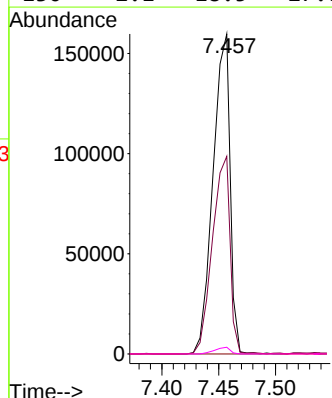
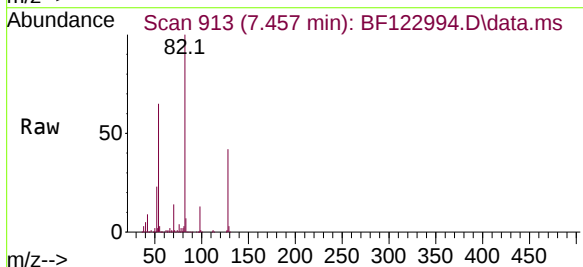
Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

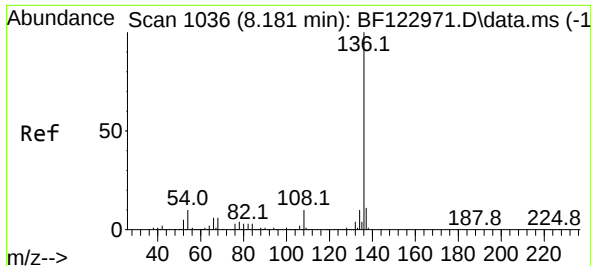
Tgt Ion:	94	Resp:	44799
Ion Ratio	Lower	Upper	
94	100		
65	32.5	11.2	51.2
66	48.5	25.8	65.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.75 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

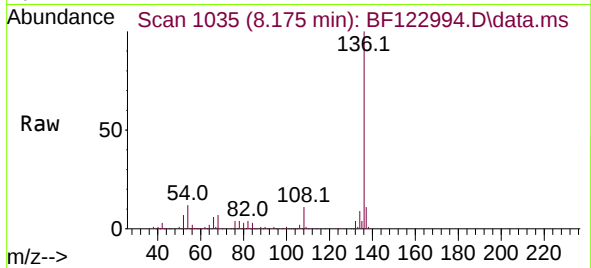
Tgt Ion:	70	Resp:	167153
Ion Ratio	Lower	Upper	
70	100		
42	61.8	43.0	64.4
101	0.0	7.9	11.9#
130	2.1	18.5	27.7#



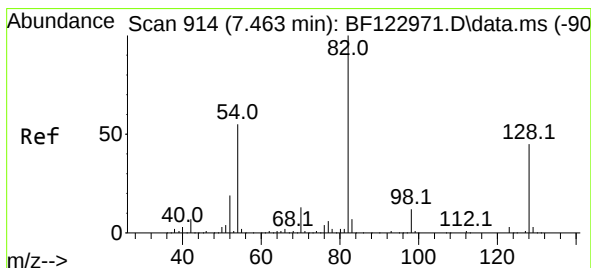
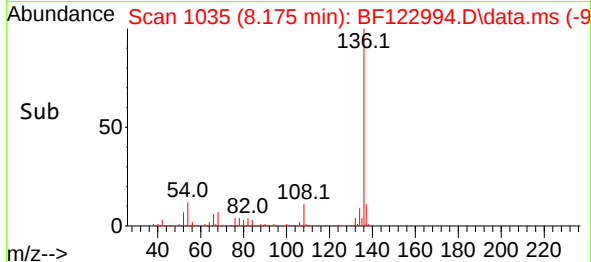
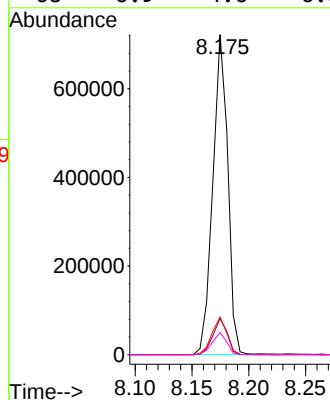


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

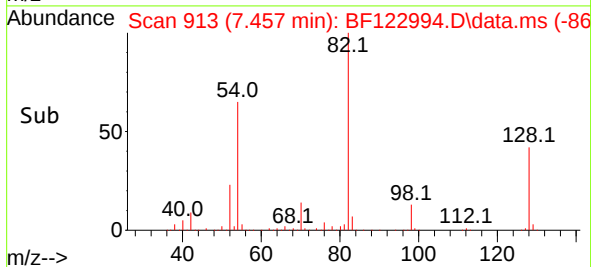
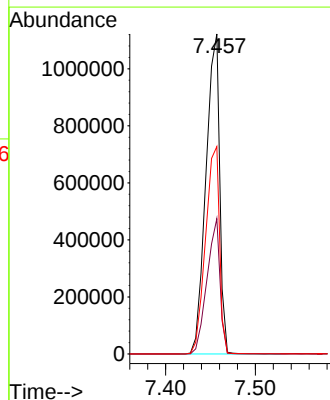
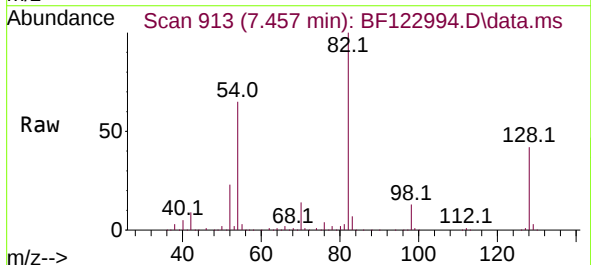


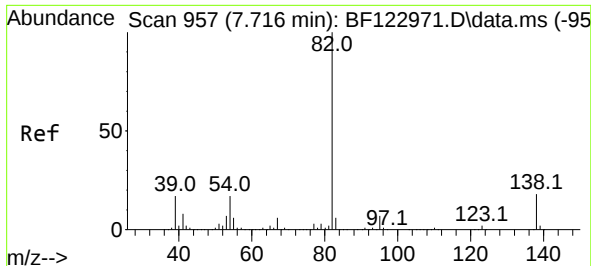
Tgt Ion:136 Resp: 661968
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.7 5.5 8.3#
68 6.9 4.6 6.8#



#23
Nitrobenzene-d5
Concen: 92.55 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion: 82 Resp: 1190550
Ion Ratio Lower Upper
82 100
128 42.3 37.0 55.4
54 64.8 38.4 57.6#

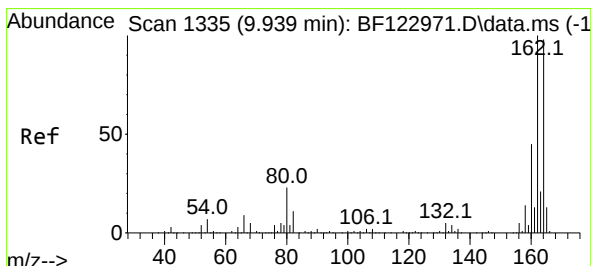
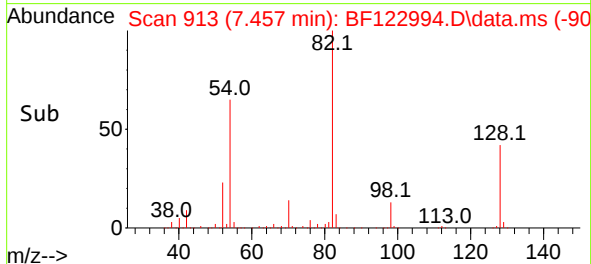
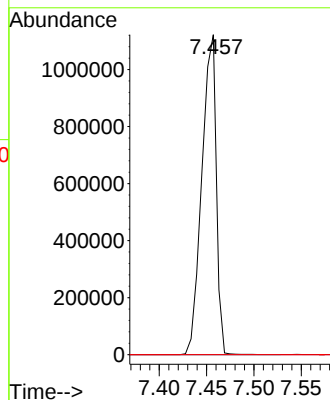
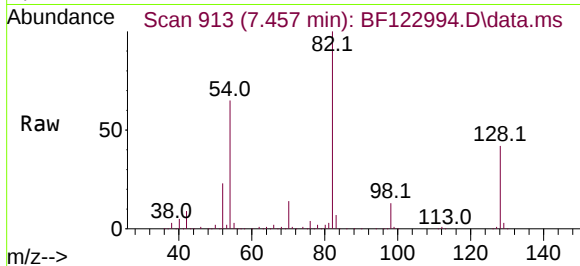




#25
Isophorone
Concen: 51.87 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.259 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

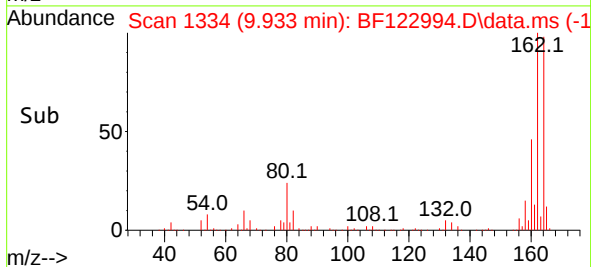
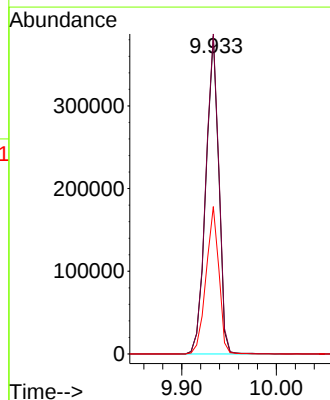
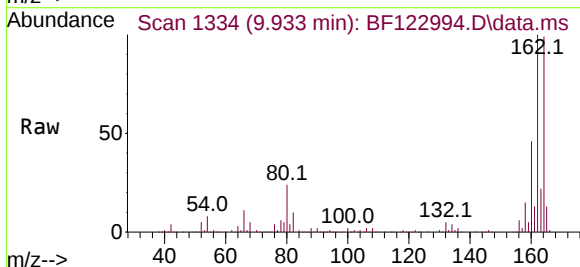
Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

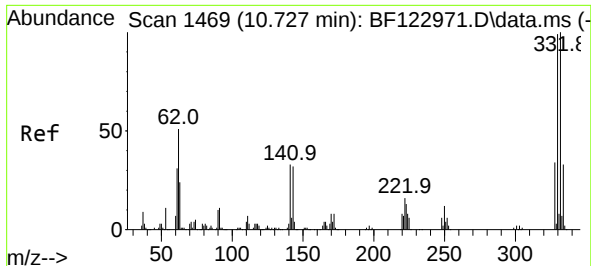
Tgt Ion: 82 Resp: 1190540
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

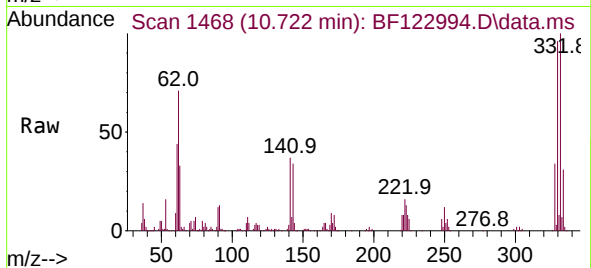
Tgt Ion: 164 Resp: 362799
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 46.4 35.4 53.0



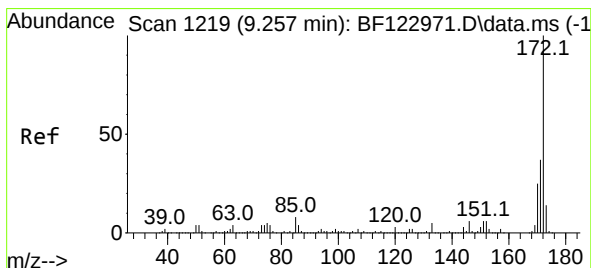
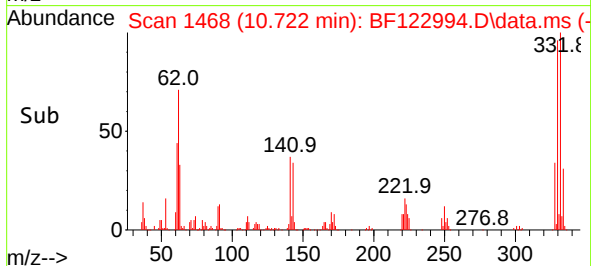
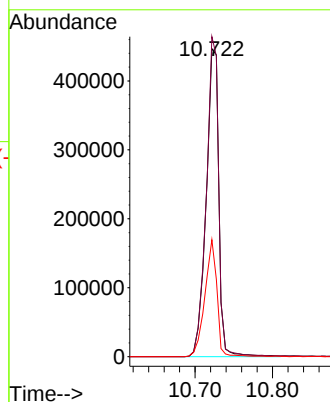


#42
2,4,6-Tribromophenol
Concen: 123.66 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.005 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

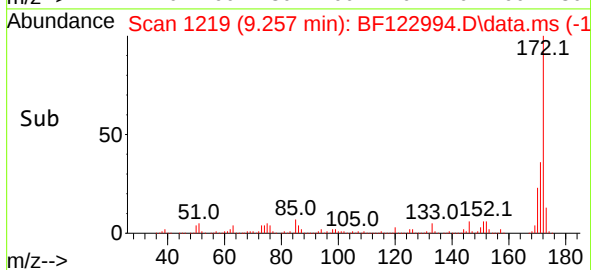
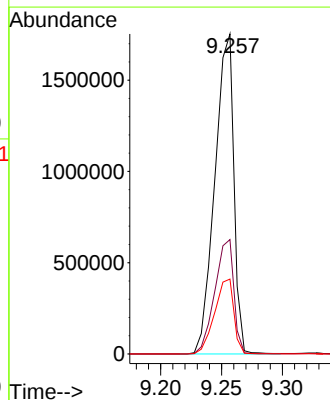
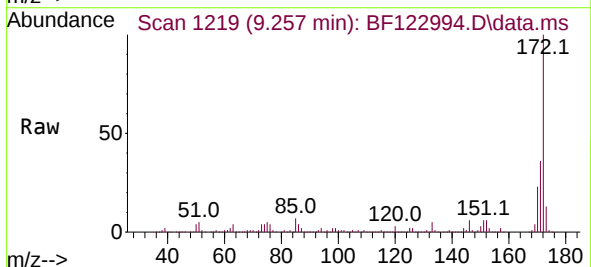


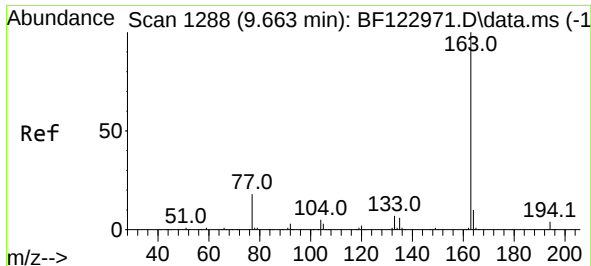
Tgt Ion: 330 Resp: 507344
Ion Ratio Lower Upper
330 100
332 102.1 77.5 116.3
141 36.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 73.71 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion: 172 Resp: 1909695
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.4 19.5 29.3

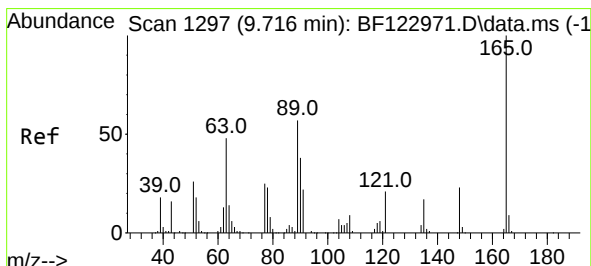
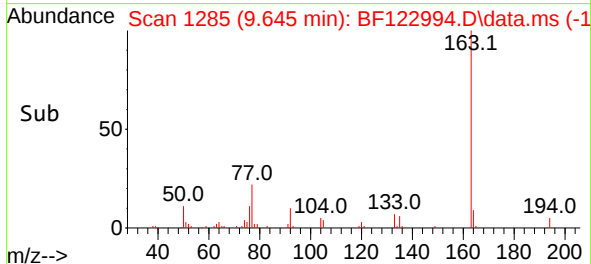
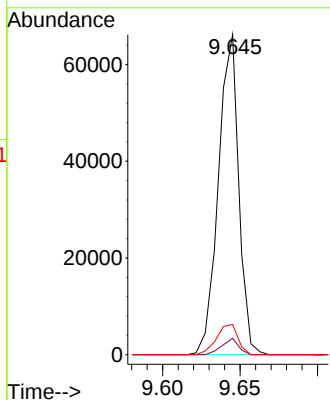
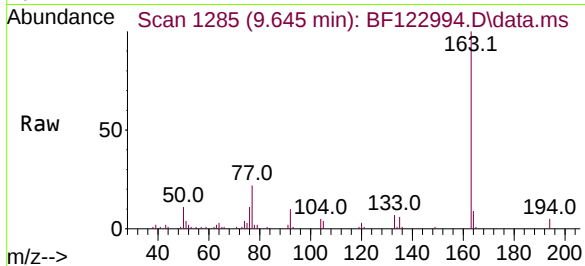




#50
Dimethylphthalate
Concen: 2.15 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

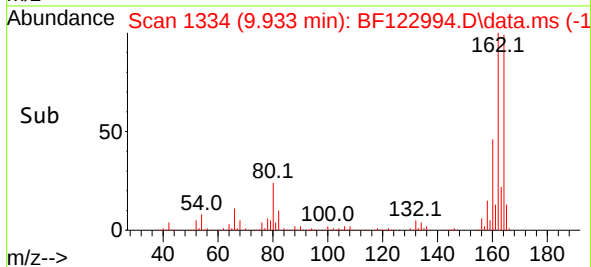
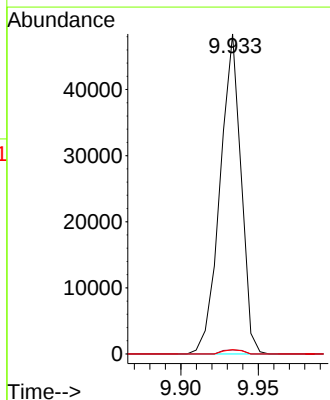
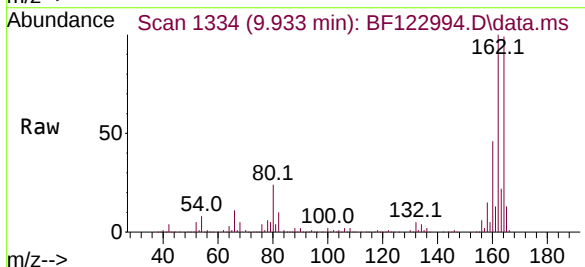
Instrument :
BNA_F
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BORE-2-1FT-7FT

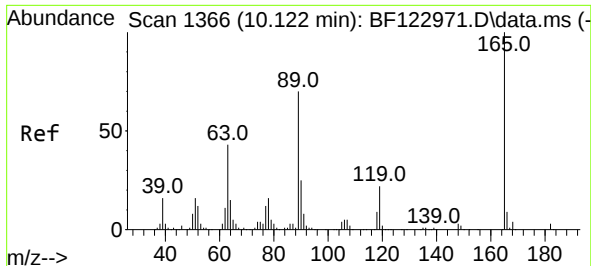
Tgt Ion:163 Resp: 60486
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.0#
164 9.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.40 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.218 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:165 Resp: 45551
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.3 39.4 59.0#

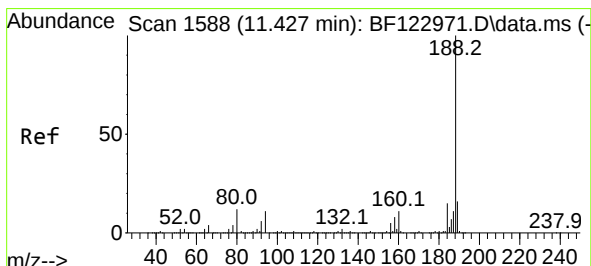
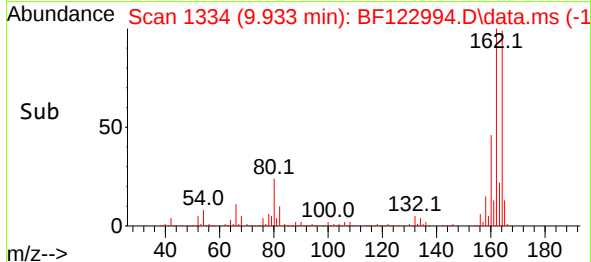
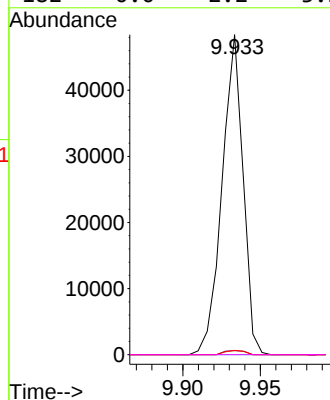
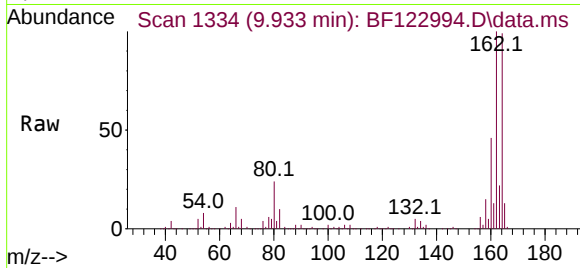




#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

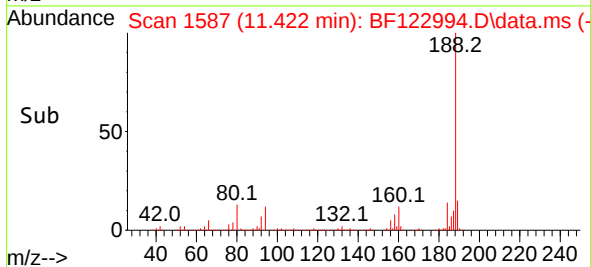
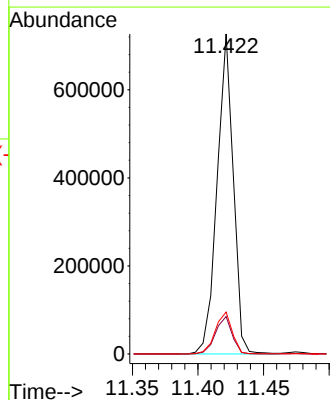
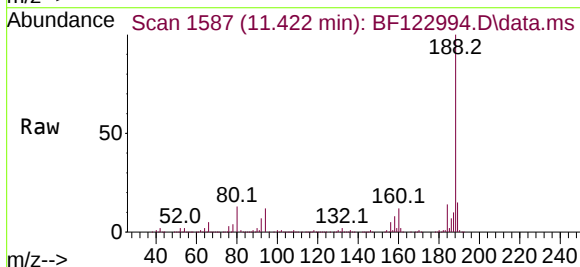
Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

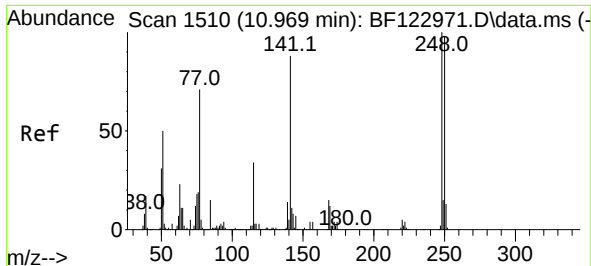
Tgt Ion:165	Resp:	45551
Ion Ratio	Lower	Upper
165	100	
63	1.3	34.3 51.5#
89	1.3	55.2 82.8#
182	0.0	2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:188	Resp:	624153
Ion Ratio	Lower	Upper
188	100	
94	11.7	7.4 11.2#
80	13.1	8.2 12.4#

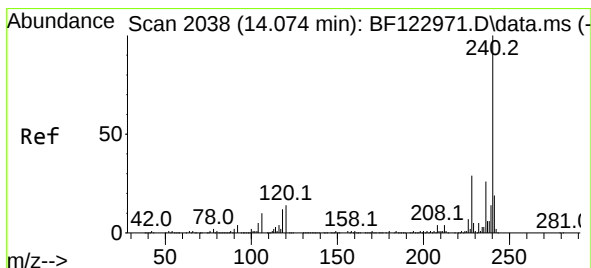
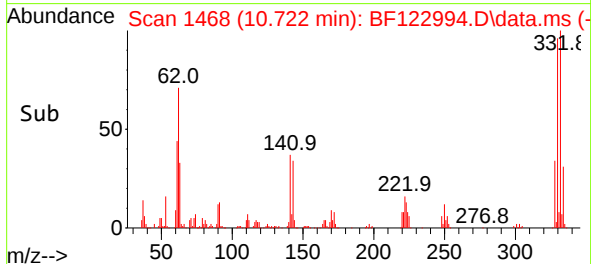
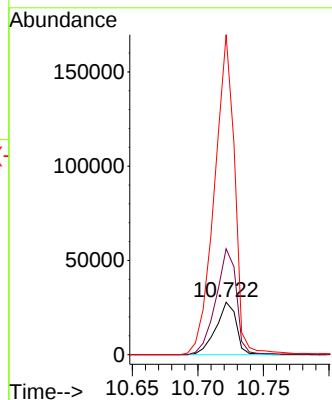
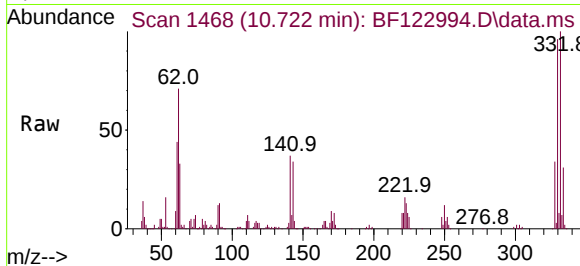




#67
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

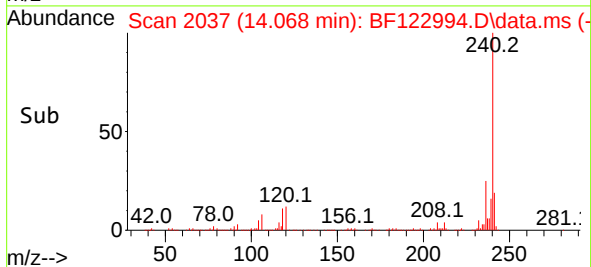
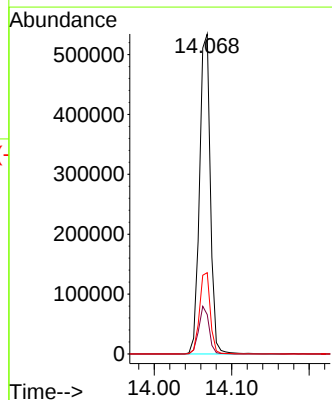
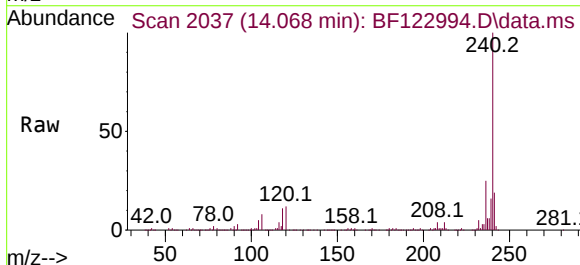
Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FT

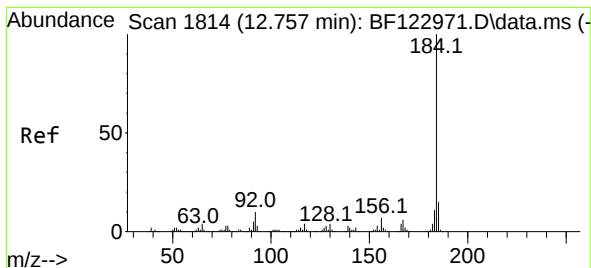
Tgt Ion:248 Resp: 30051
Ion Ratio Lower Upper
248 100
250 201.9 76.8 115.2#
141 609.5 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF122994.D
Acq: 18 Jan 2021 18:57

Tgt Ion:240 Resp: 515741
Ion Ratio Lower Upper
240 100
120 12.3 8.6 12.8
236 25.4 20.3 30.5





#77

Benzidine

Concen: 2.55 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF122994.D

Acq: 18 Jan 2021 18:57

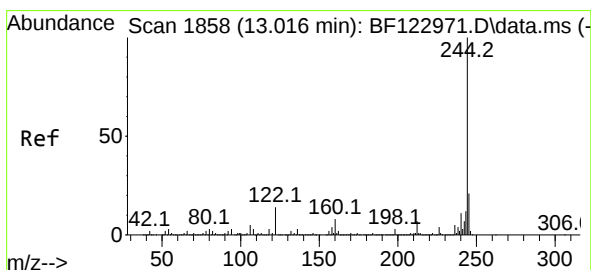
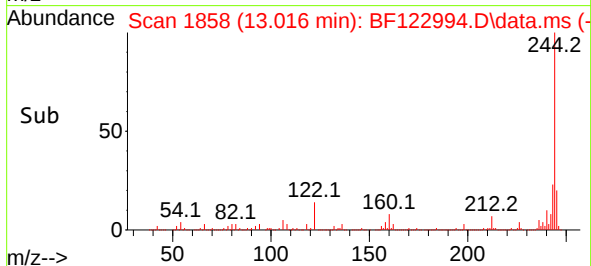
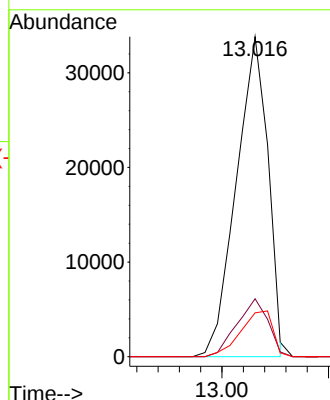
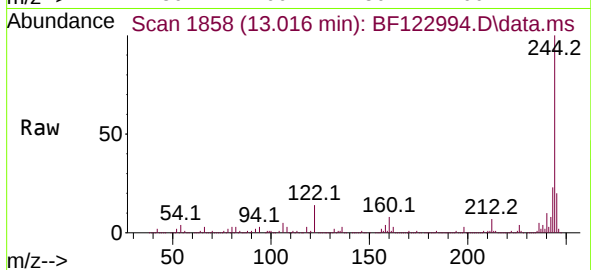
Tgt Ion:184	Resp:	34874
Ion Ratio	Lower	Upper
184	100	
185	18.1	11.8 17.6#
183	13.7	9.7 14.5

Instrument :

BNA_F

ClientSampleId :

BORE-2-1FT-7FT



#79

Terphenyl-d14

Concen: 86.45 ng

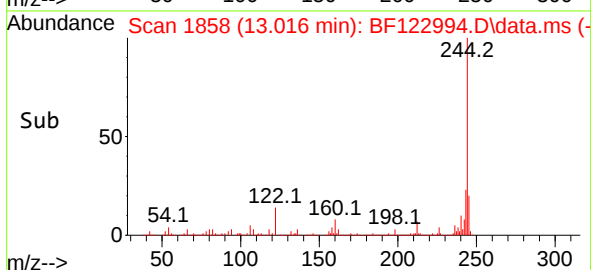
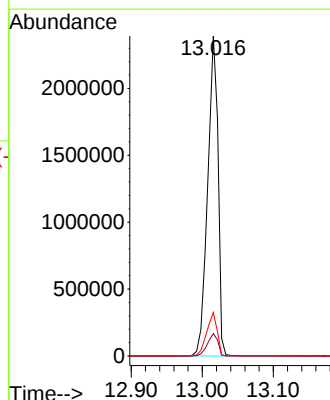
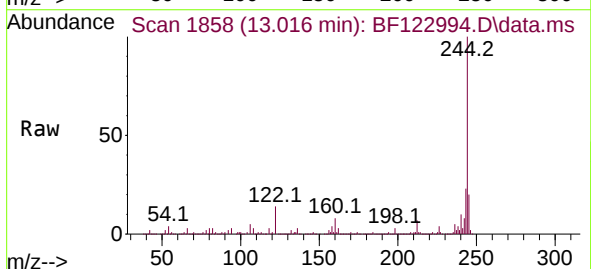
RT: 13.016 min Scan# 1858

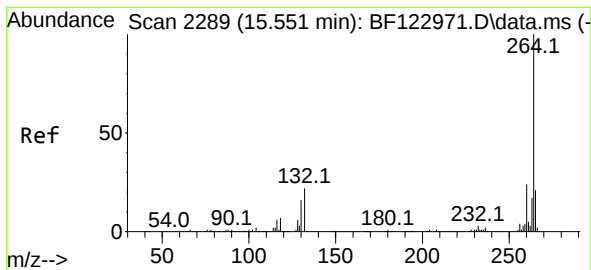
Delta R.T. -0.000 min

Lab File: BF122994.D

Acq: 18 Jan 2021 18:57

Tgt Ion:244	Resp:	2431684
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.7 8.5
122	13.6	8.3 12.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF122994.D
 Acq: 18 Jan 2021 18:57

Instrument :
 BNA_F
 ClientSampleId :
 BORE-2-1FT-7FT

Tgt Ion:264 Resp: 415608
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.5 17.0 25.6

