

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124282.D
 Acq On : 12 Jun 2021 12:57
 Operator : JU/CG
 Sample : M2666-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIVER-ST-TO-CAMDEN-COMP

Quant Time: Jun 14 04:24:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

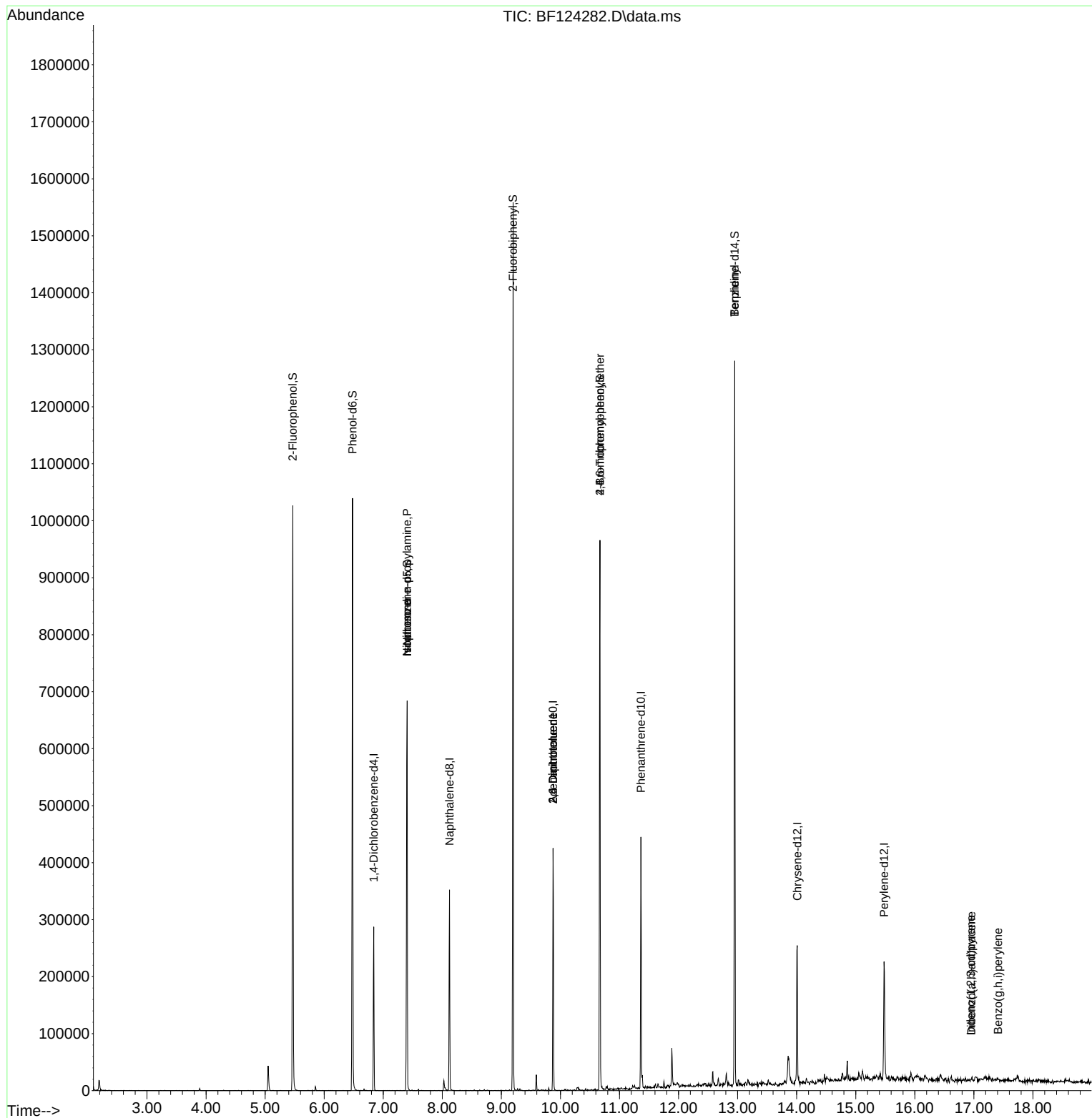
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	34029	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	130134	20.000	ng	#-0.01
39) Acenaphthene-d10	9.875	164	79414	20.000	ng	-0.02
64) Phenanthrene-d10	11.363	188	139282	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	79084	20.000	ng	#-0.01
86) Perylene-d12	15.480	264	84067	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	221430	97.954	ng	-0.01
7) Phenol-d6	6.481	99	278636	91.701	ng	-0.02
23) Nitrobenzene-d5	7.404	82	203913	62.147	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	100882	89.665	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	385311	61.055	ng	-0.01
79) Terphenyl-d14	12.951	244	353980	61.454	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	29602	13.801	ng	# 67
25) Isophorone	7.404	82	203910	34.487	ng	# 69
51) 2,6-Dinitrotoluene	9.875	165	10008	6.643	ng	# 10
57) 2,4-Dinitrotoluene	9.875	165	10008	5.037	ng	# 15
67) 4-Bromophenyl-phenylether	10.669	248	7041	3.683	ng	# 1
77) Benzidine	12.951	184	6140	7.110	ng	97
87) Indeno(1,2,3-cd)pyrene	16.951	276	1775	4.566	ng	# 65
91) Dibenzo(a,h)anthracene	16.956	278	806	4.298	ng	# 57
92) Benzo(g,h,i)perylene	17.409	276	3019	4.279	ng	# 74

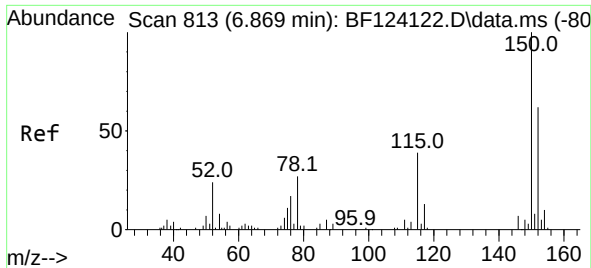
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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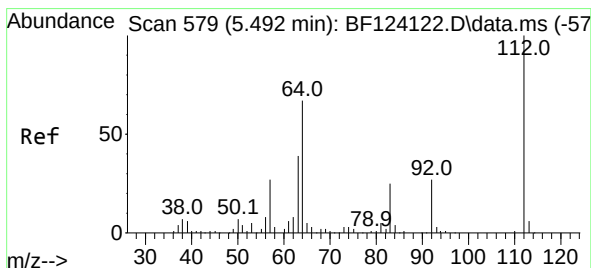
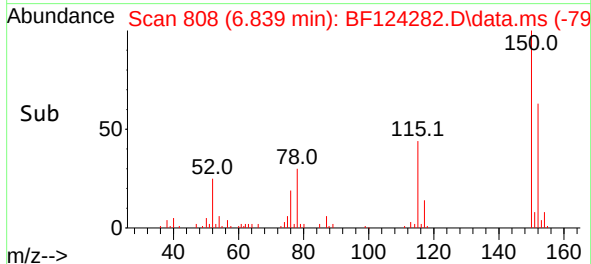
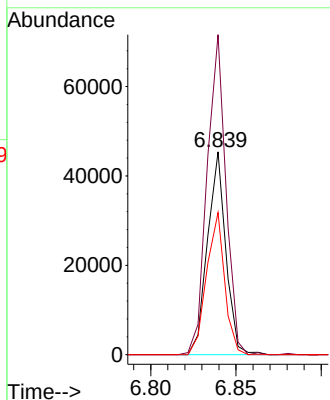
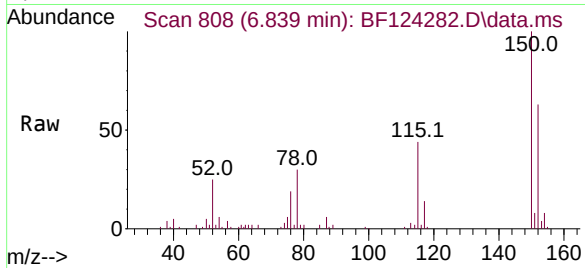




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

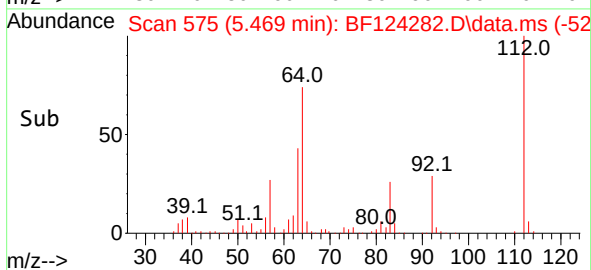
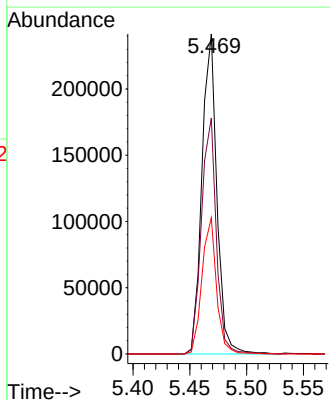
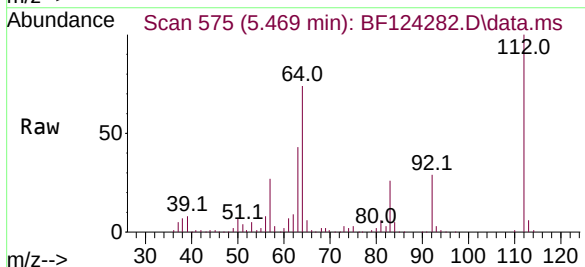
Instrument :
BNA_F
ClientSampleId :
RIVER-ST-TO-CAMDEN-COMP

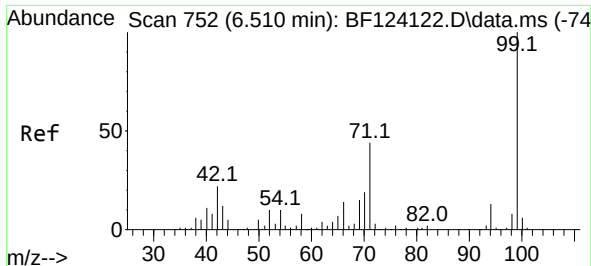
Tgt Ion:152 Resp: 34029
Ion Ratio Lower Upper
152 100
150 157.8 127.0 190.6
115 70.1 54.3 81.5



#5
2-Fluorophenol
Concen: 97.954 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion:112 Resp: 221430
Ion Ratio Lower Upper
112 100
64 73.7 61.4 92.0
63 42.6 33.0 49.4

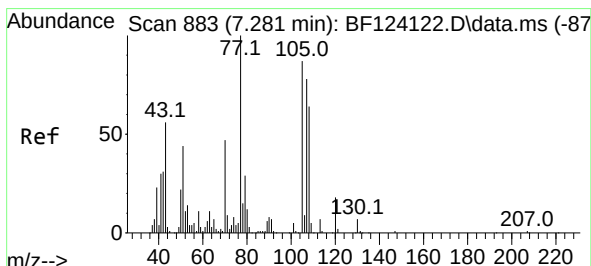
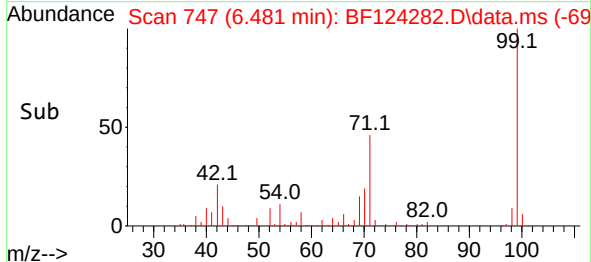
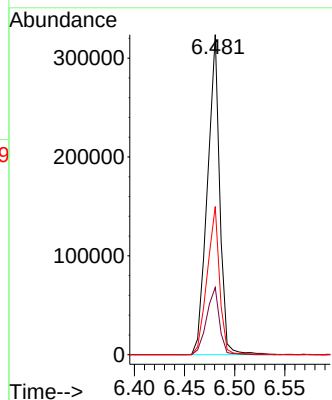
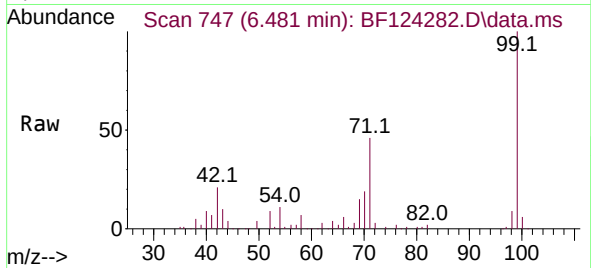




#7
Phenol-d6
Concen: 91.701 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

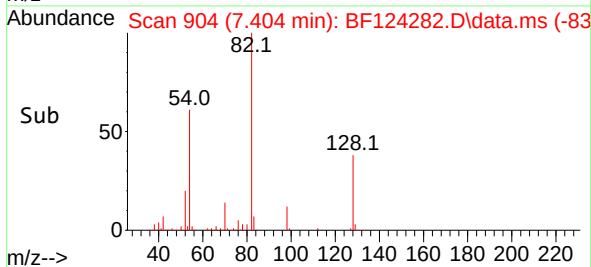
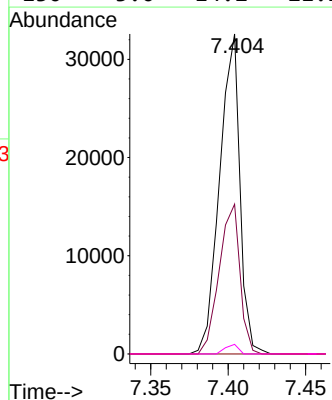
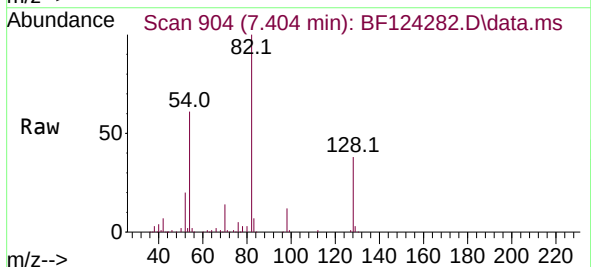
Instrument :
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ClientSampleId :
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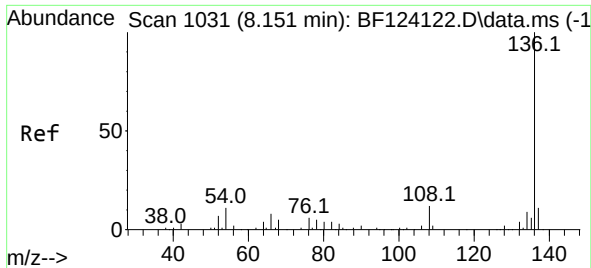
Tgt Ion: 99 Resp: 278636
Ion Ratio Lower Upper
99 100
42 21.0 19.8 29.8
71 46.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.801 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion: 70 Resp: 29602
Ion Ratio Lower Upper
70 100
42 46.8 60.1 90.1#
101 0.0 7.4 11.2#
130 3.0 14.2 21.2#

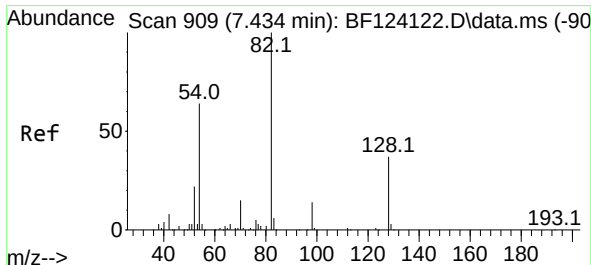
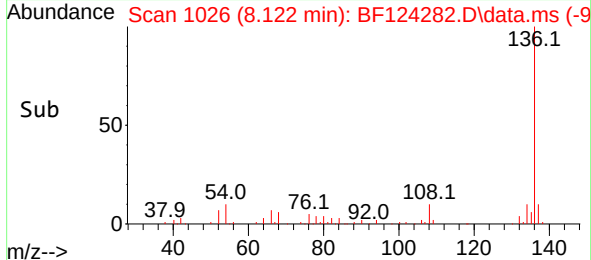
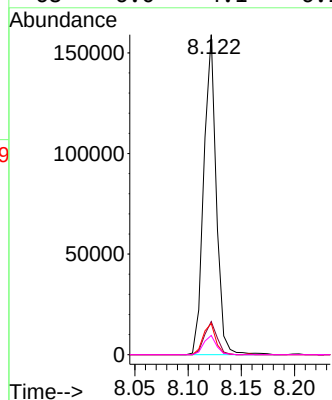
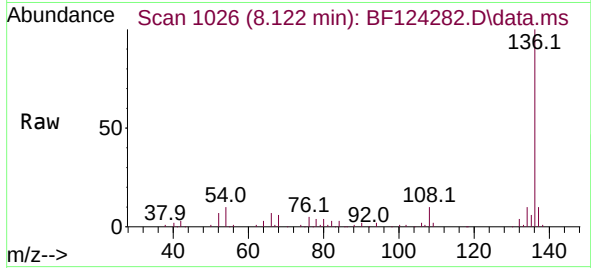




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

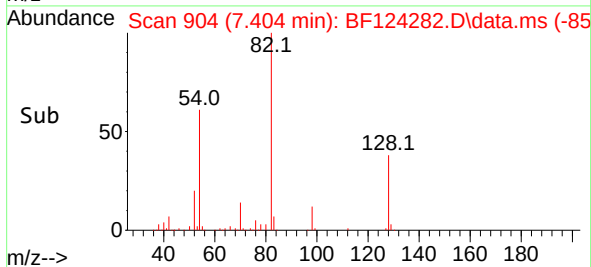
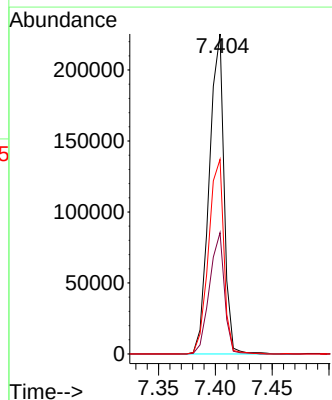
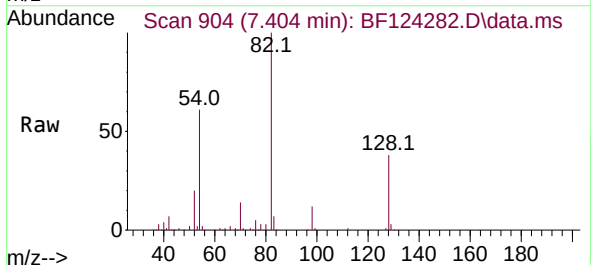
Instrument :
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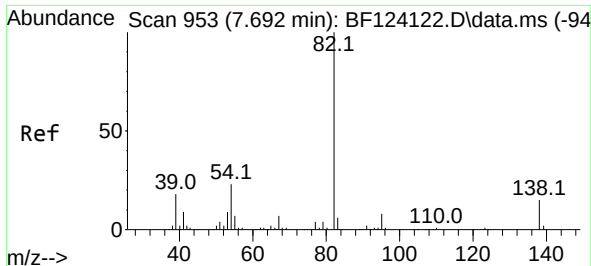
Tgt Ion:136	Resp:	130134
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.7 13.1
54	9.8	9.8 14.6#
68	6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 62.147 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion: 82	Resp:	203913
Ion Ratio	Lower	Upper
82	100	
128	37.9	29.4 44.2
54	60.8	54.1 81.1

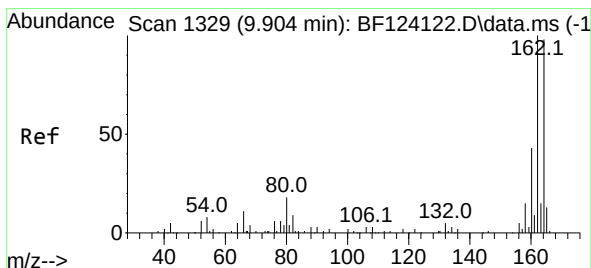
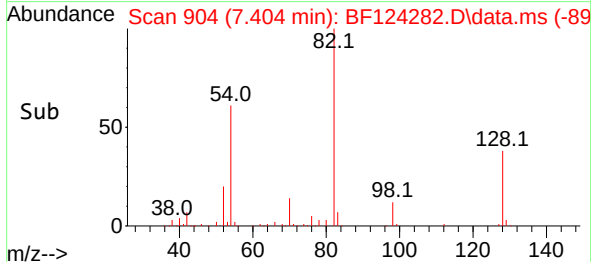
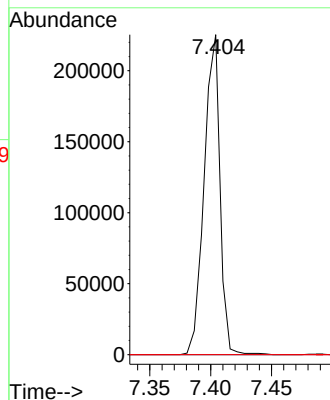
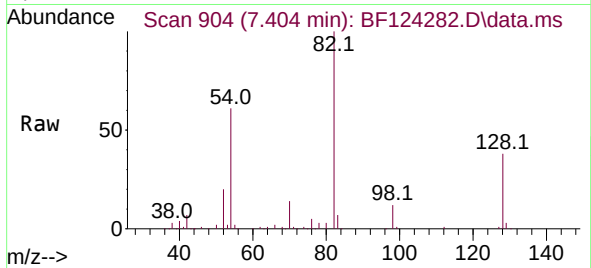




#25
Isophorone
Concen: 34.487 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.270 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

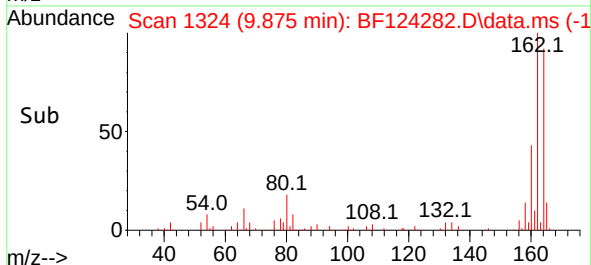
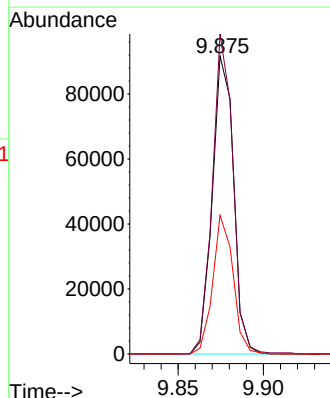
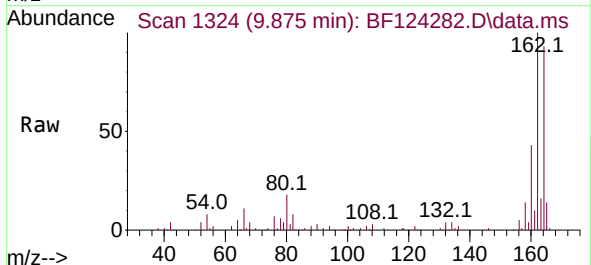
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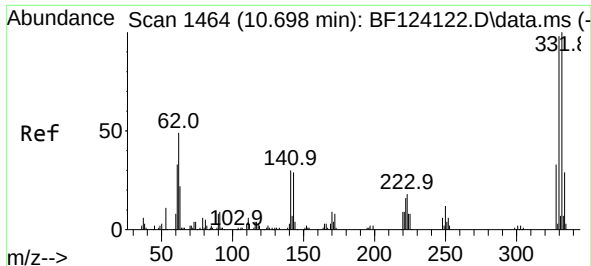
Tgt Ion: 82 Resp: 203910
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion: 164 Resp: 79414
Ion Ratio Lower Upper
164 100
162 107.3 80.7 121.1
160 46.5 37.3 55.9

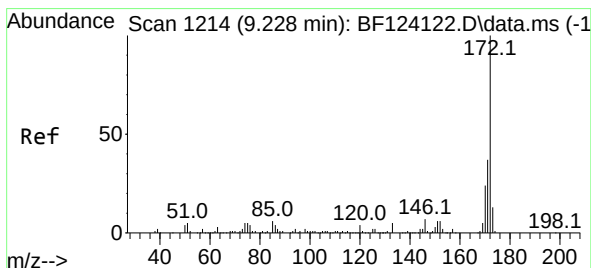
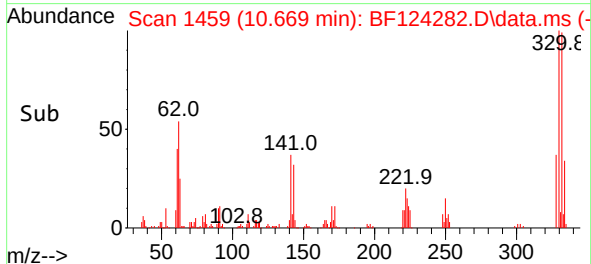
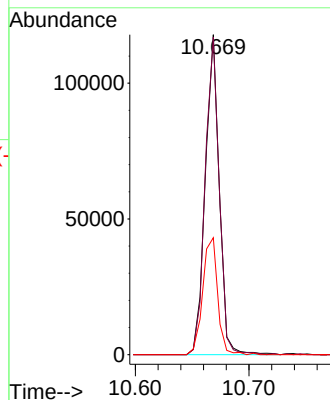
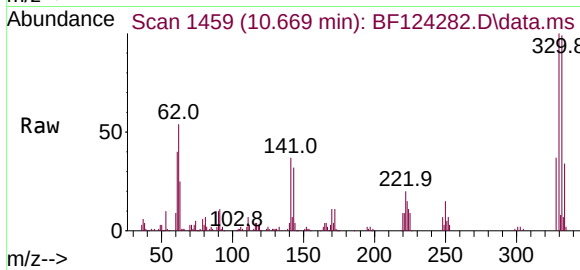




#42
2,4,6-Tribromophenol
Concen: 89.665 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

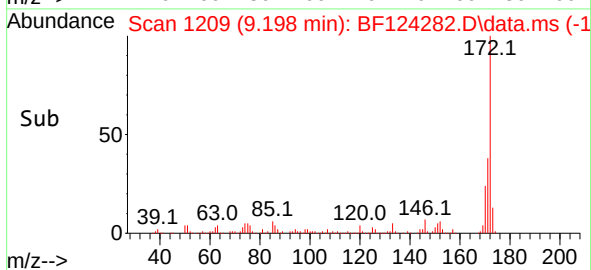
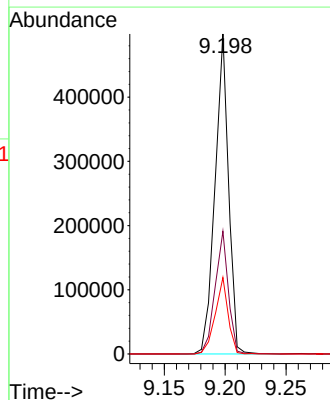
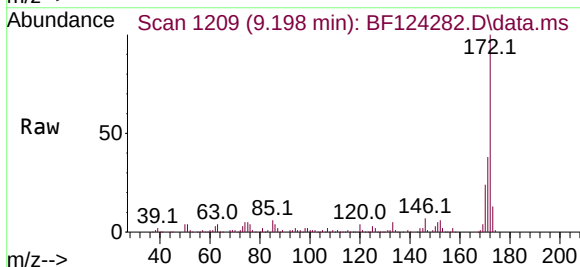
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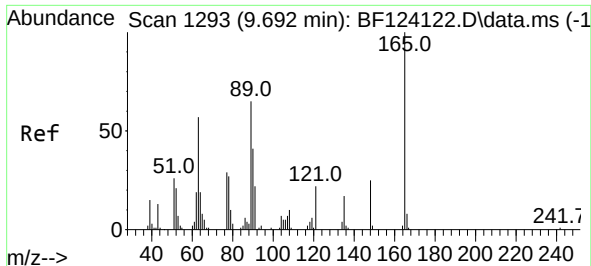
Tgt Ion: 330 Resp: 100882
Ion Ratio Lower Upper
330 100
332 99.2 77.1 115.7
141 39.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.055 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion: 172 Resp: 385311
Ion Ratio Lower Upper
172 100
171 38.4 28.1 42.1
170 23.9 19.2 28.8

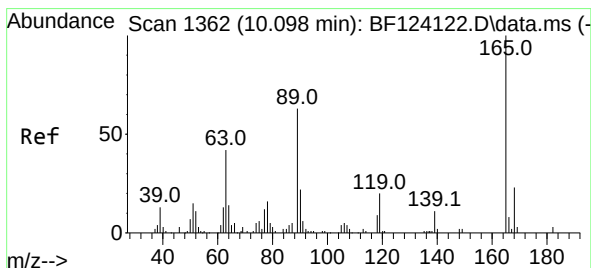
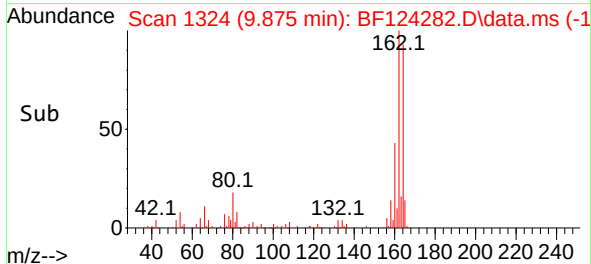
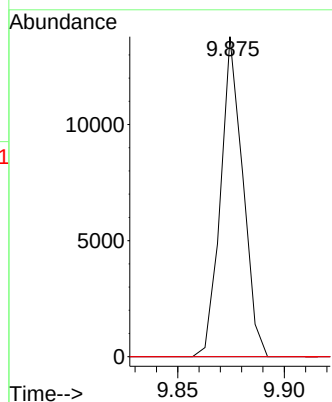
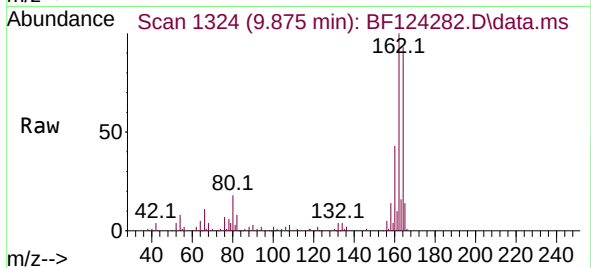




#51
2,6-Dinitrotoluene
Concen: 6.643 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.194 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

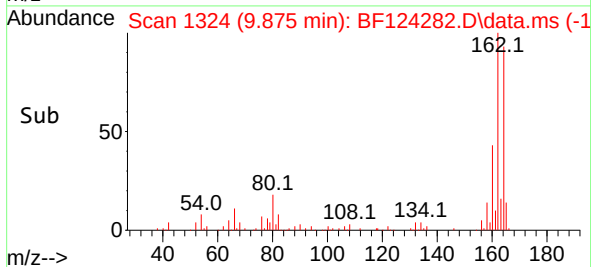
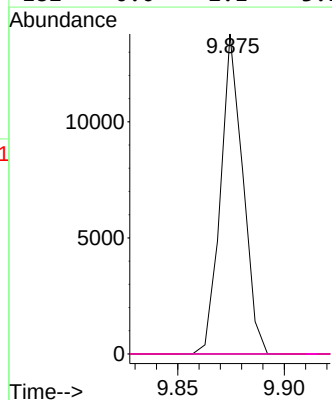
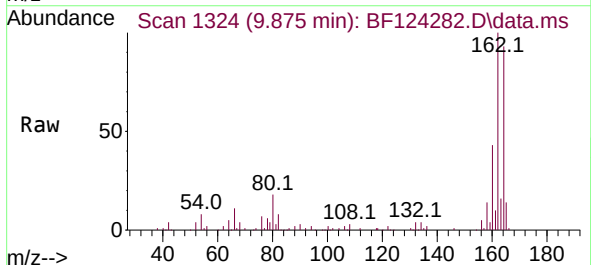
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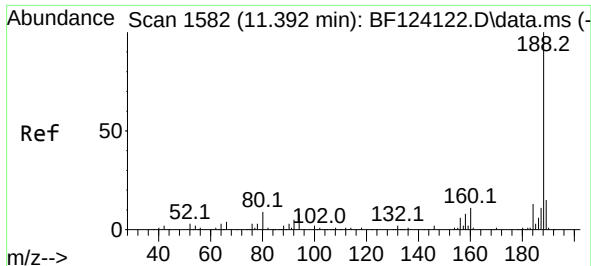
Tgt Ion:165 Resp: 10008
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.037 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.212 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion:165 Resp: 10008
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

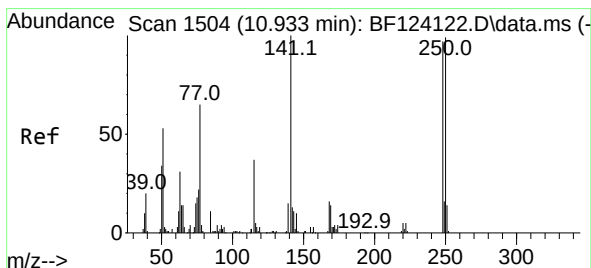
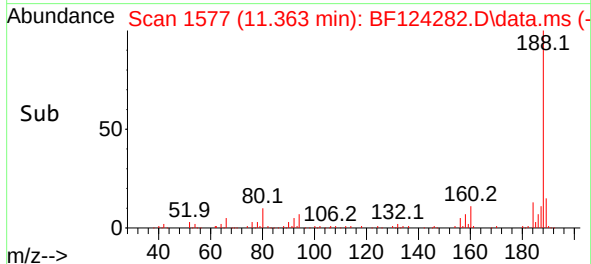
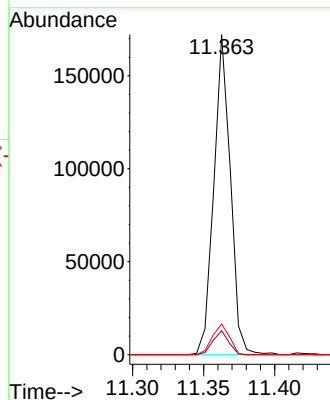
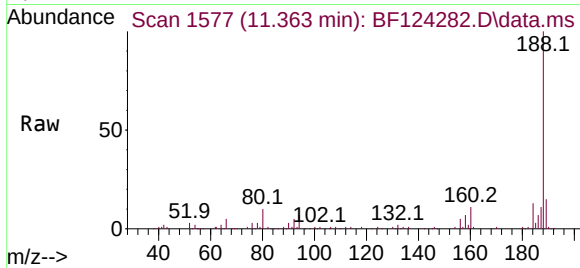




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

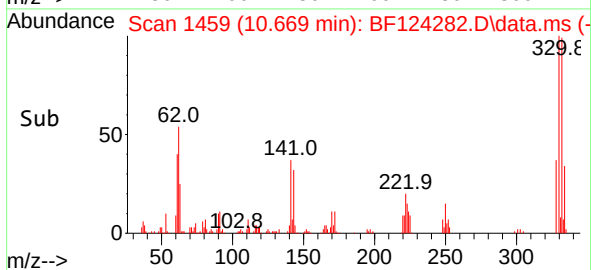
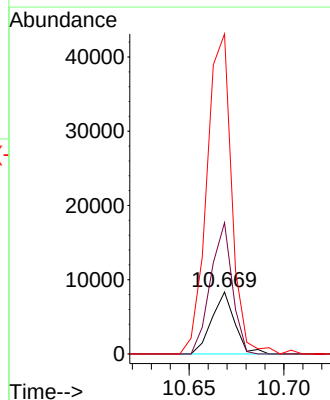
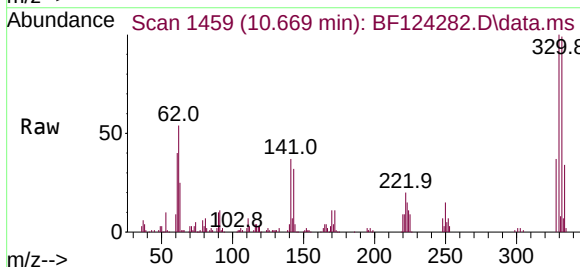
Instrument :
BNA_F
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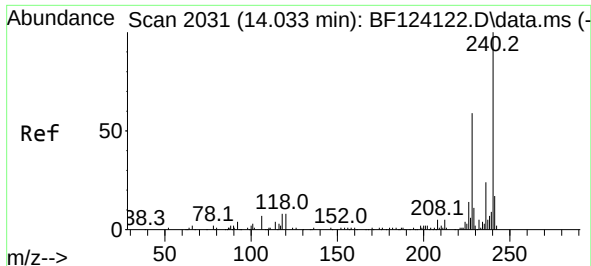
Tgt Ion:188 Resp: 139282
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.683 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.253 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion:248 Resp: 7041
Ion Ratio Lower Upper
248 100
250 212.0 77.4 116.2#
141 516.8 63.7 95.5#

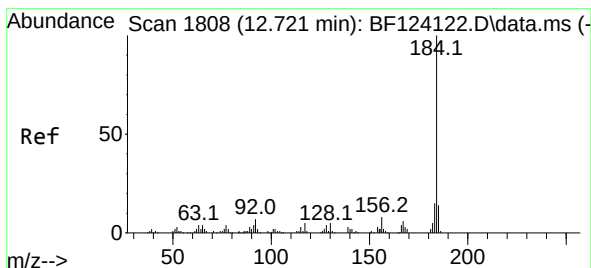
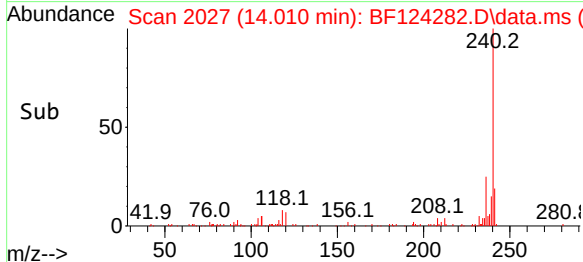
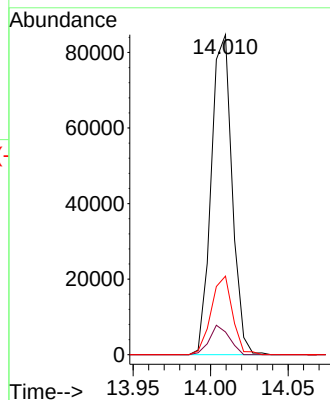
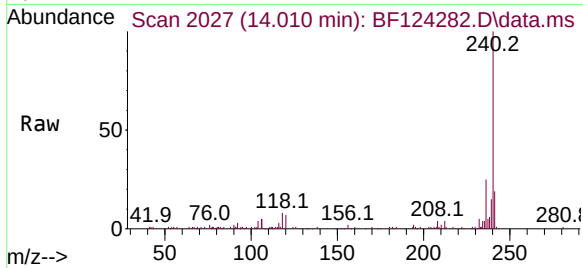




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

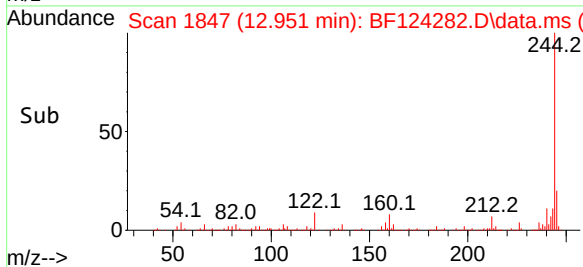
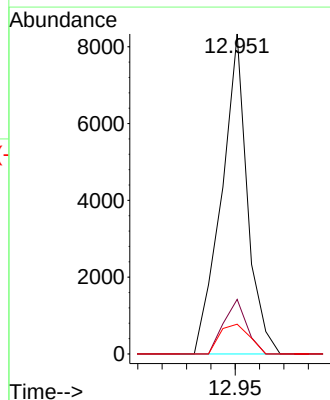
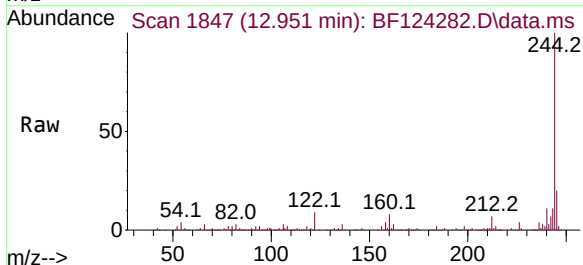
Instrument :
BNA_F
ClientSampleId :
RIVER-ST-TO-CAMDEN-COMP

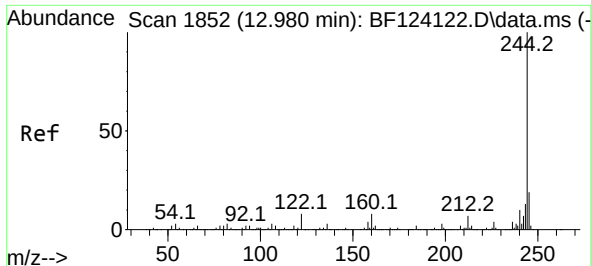
Tgt Ion:240 Resp: 79084
Ion Ratio Lower Upper
240 100
120 7.1 7.2 10.8#
236 24.6 19.0 28.4



#77
Benzidine
Concen: 7.110 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF124282.D
Acq: 12 Jun 2021 12:57

Tgt Ion:184 Resp: 6140
Ion Ratio Lower Upper
184 100
185 17.1 12.1 18.1
183 9.3 7.8 11.8

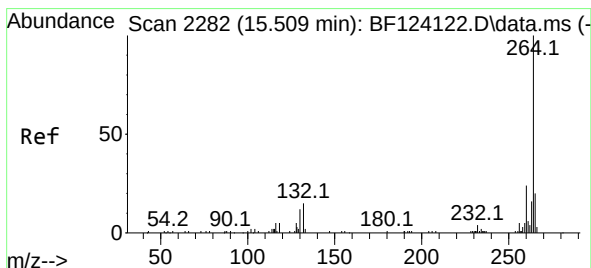
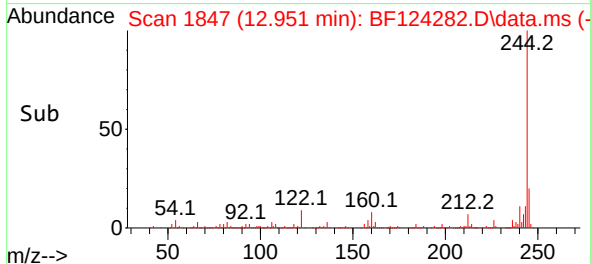
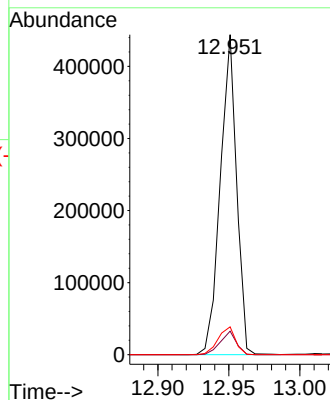
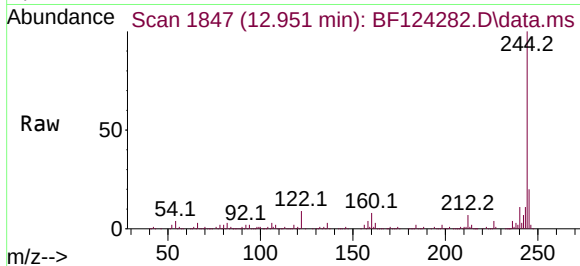




#79
 Terphenyl-d14
 Concen: 61.454 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF124282.D
 Acq: 12 Jun 2021 12:57

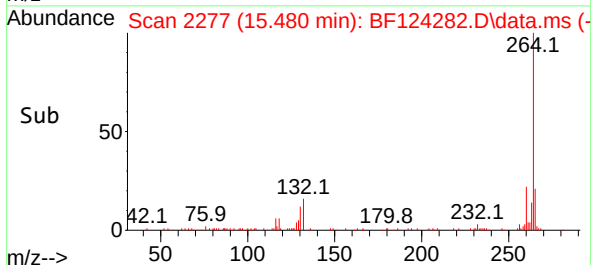
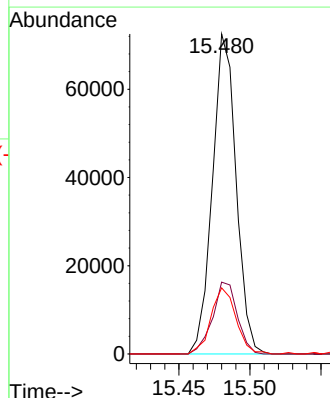
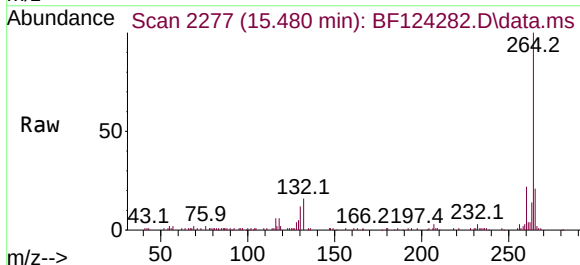
Instrument :
 BNA_F
 ClientSampleId :
 RIVER-ST-TO-CAMDEN-COMP

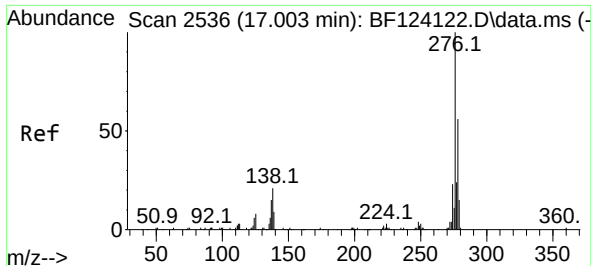
Tgt Ion:244 Resp: 353980
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 8.7 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.012 min
 Lab File: BF124282.D
 Acq: 12 Jun 2021 12:57

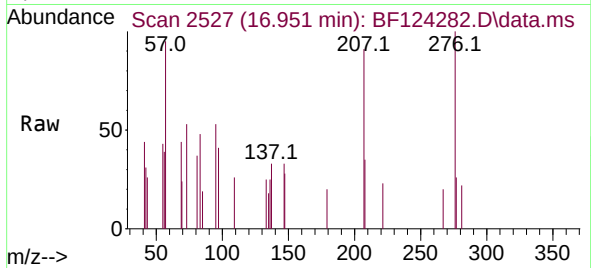
Tgt Ion:264 Resp: 84067
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 20.7 17.8 26.8



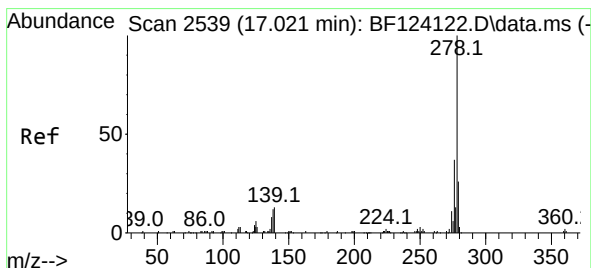
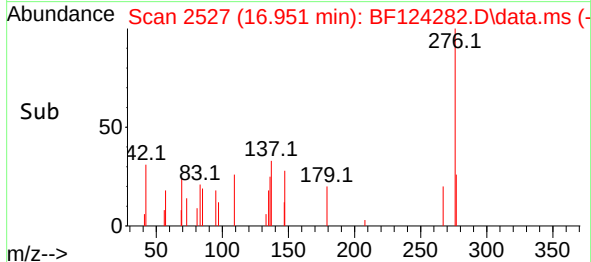
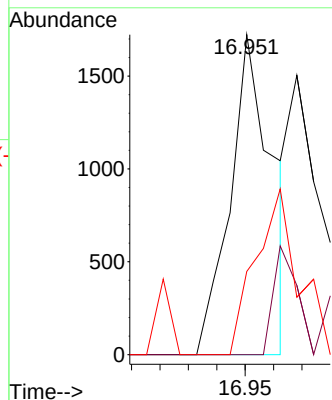


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.566 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. -0.029 min
 Lab File: BF124282.D
 Acq: 12 Jun 2021 12:57

Instrument :
 BNA_F
 ClientSampleId :
 RIVER-ST-TO-CAMDEN-COMP

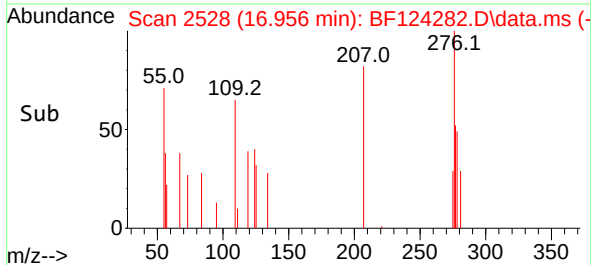
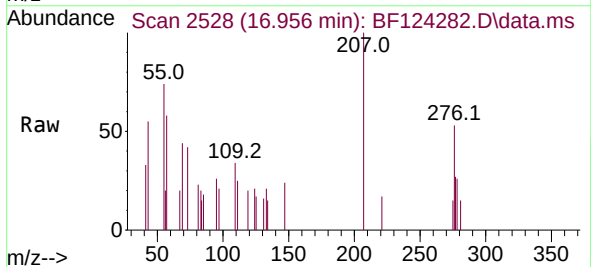
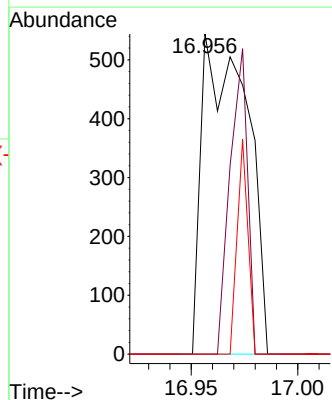


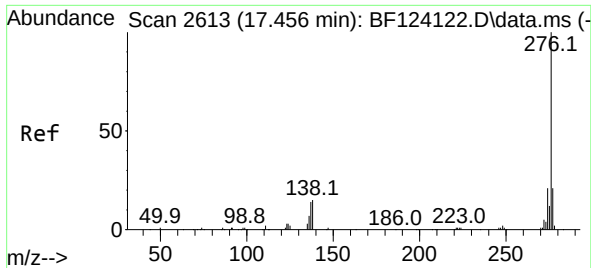
Tgt Ion:276 Resp: 1775
 Ion Ratio Lower Upper
 276 100
 138 25.4 16.2 24.2#
 277 52.2 20.1 30.1#



#91
 Dibenzo(a,h)anthracene
 Concen: 4.298 ng
 RT: 16.956 min Scan# 2528
 Delta R.T. -0.035 min
 Lab File: BF124282.D
 Acq: 12 Jun 2021 12:57

Tgt Ion:278 Resp: 806
 Ion Ratio Lower Upper
 278 100
 139 0.0 10.2 15.2#
 279 0.0 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.279 ng
 RT: 17.409 min Scan# 2605
 Delta R.T. -0.023 min
 Lab File: BF124282.D
 Acq: 12 Jun 2021 12:57

Instrument :
 BNA_F
 ClientSampleId :
 RIVER-ST-TO-CAMDEN-COMP

Tgt Ion:276 Resp: 3019
 Ion Ratio Lower Upper
 276 100
 277 39.1 18.2 27.2#
 138 24.0 13.8 20.6#

