

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127774.D
 Acq On : 12 Apr 2022 22:58
 Operator : CG\JU
 Sample : N2360-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-041122-B

Quant Time: Apr 13 07:26:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

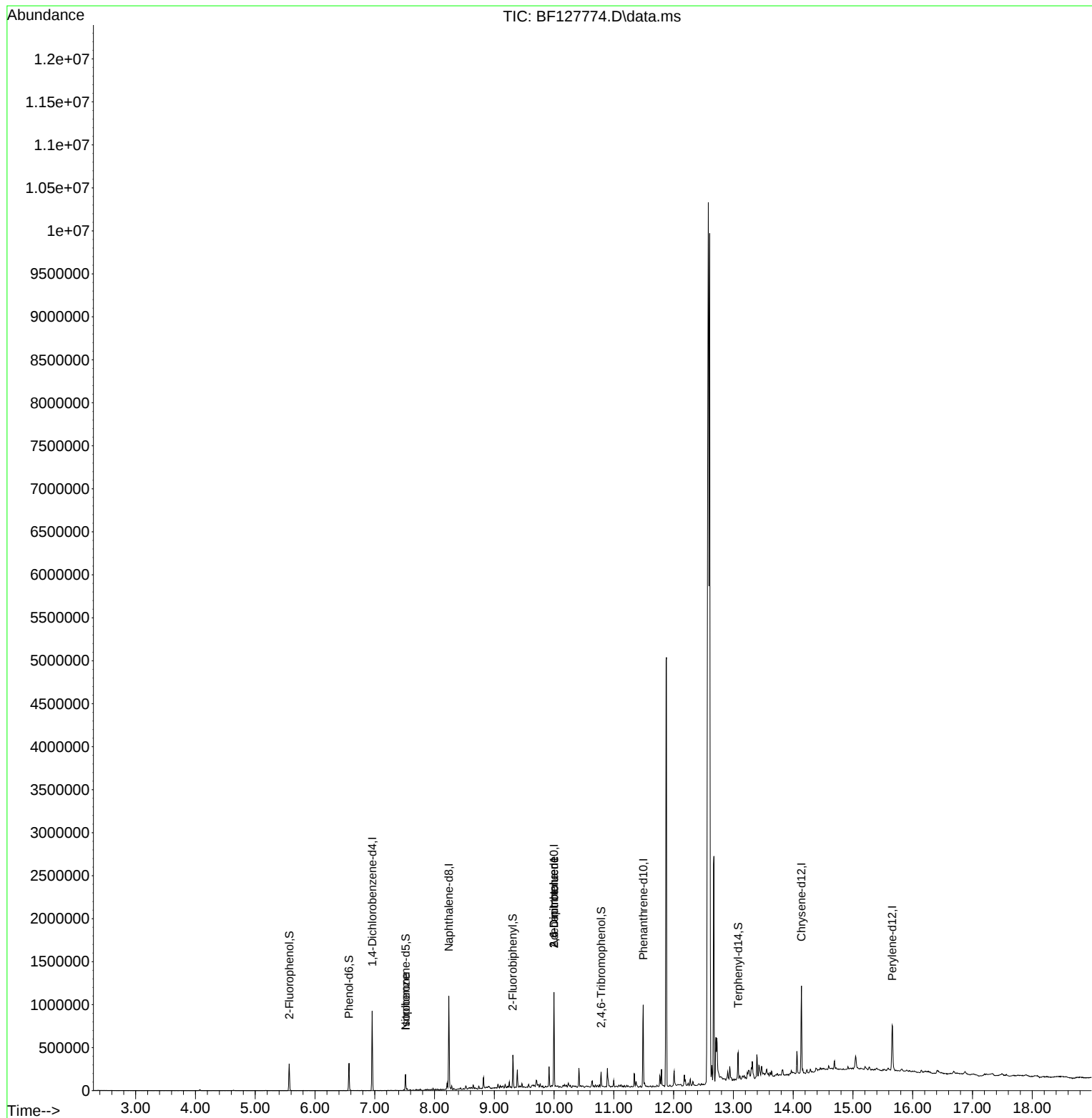
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	122093	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	411036	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	200226	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	328998	20.000	ng	0.00
76) Chrysene-d12	14.139	240	344662	20.000	ng	0.00
86) Perylene-d12	15.657	264	271281	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	73698	9.808	ng	-0.01
7) Phenol-d6	6.569	99	89467	9.102	ng	-0.01
23) Nitrobenzene-d5	7.516	82	55177	5.985	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	19065	8.948	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	104448	7.380	ng	-0.01
79) Terphenyl-d14	13.080	244	108331	5.188	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	180	Below Cal	#	7
25) Isophorone	7.516	82	54354	3.379	ng	# 70
51) 2,6-Dinitrotoluene	9.998	165	26902	9.834	ng	# 18
57) 2,4-Dinitrotoluene	9.998	165	26902	7.932	ng	# 15

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

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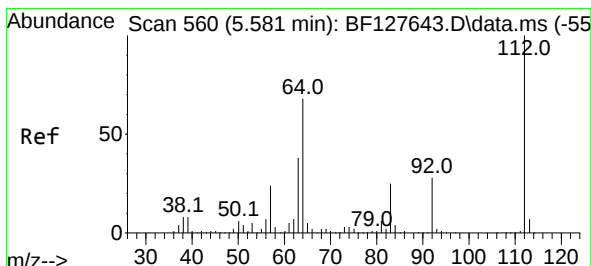
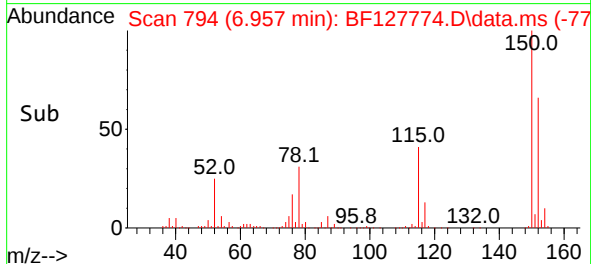
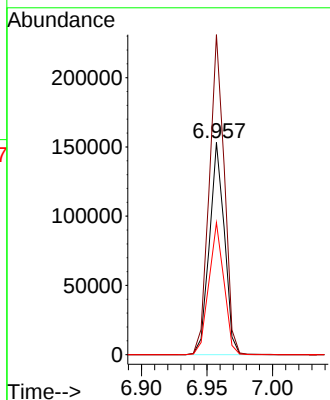
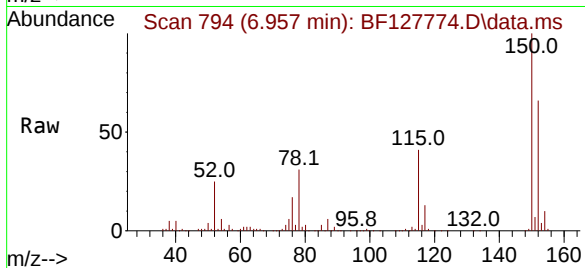




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF127774.D
 Acq: 12 Apr 2022 22:58

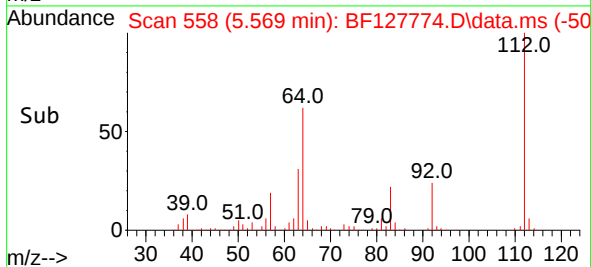
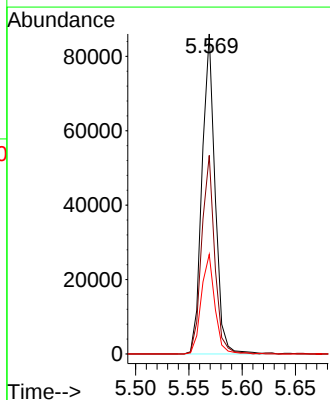
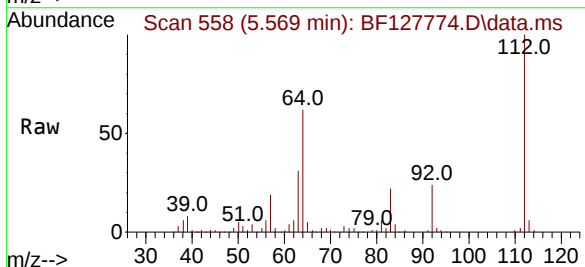
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-041122-B

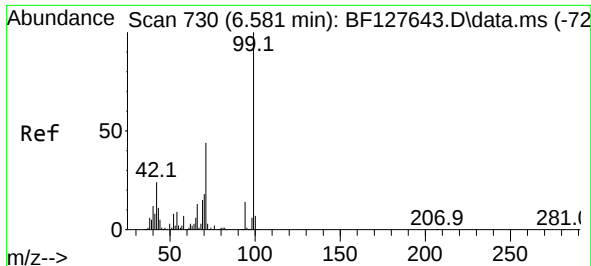
Tgt Ion:152 Resp: 122093
 Ion Ratio Lower Upper
 152 100
 150 150.9 117.2 175.8
 115 62.2 49.8 74.6



#5
 2-Fluorophenol
 Concen: 9.808 ng
 RT: 5.569 min Scan# 558
 Delta R.T. -0.012 min
 Lab File: BF127774.D
 Acq: 12 Apr 2022 22:58

Tgt Ion:112 Resp: 73698
 Ion Ratio Lower Upper
 112 100
 64 62.1 58.4 87.6
 63 31.1 30.1 45.1

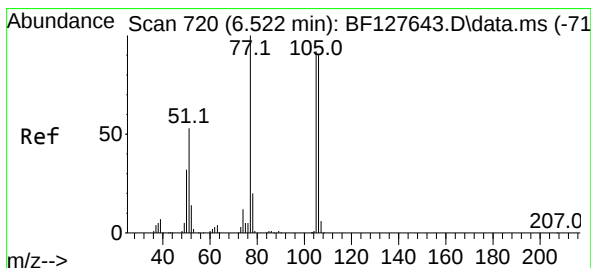
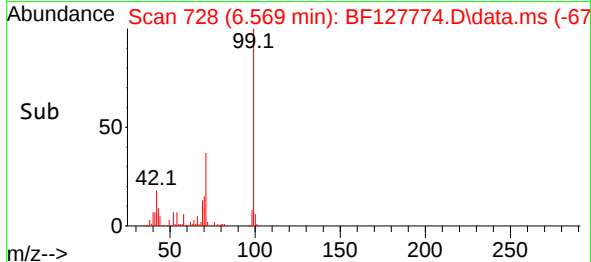
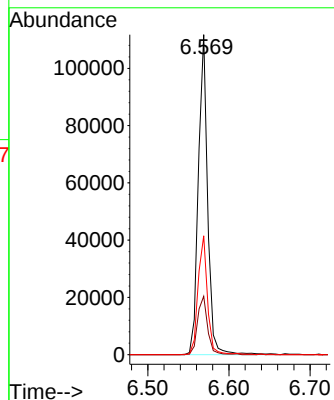
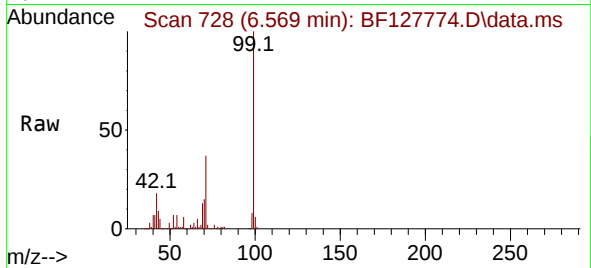




#7
Phenol-d6
Concen: 9.102 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

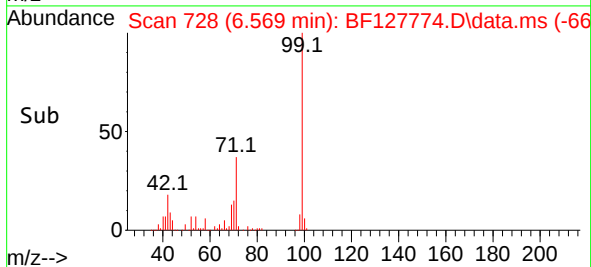
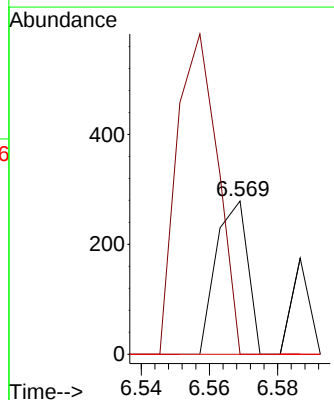
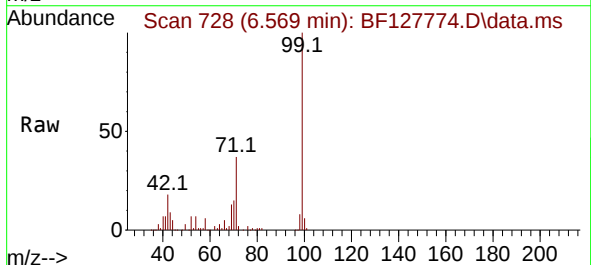
Instrument :
BNA_F
ClientSampleId :
JC-03-041122-B

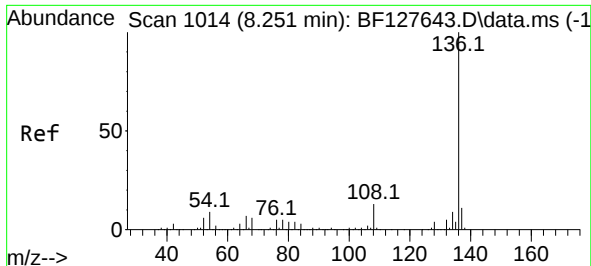
Tgt Ion: 99 Resp: 89467
Ion Ratio Lower Upper
99 100
42 18.3 17.8 26.6
71 37.1 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.053 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

Tgt Ion: 77 Resp: 180
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



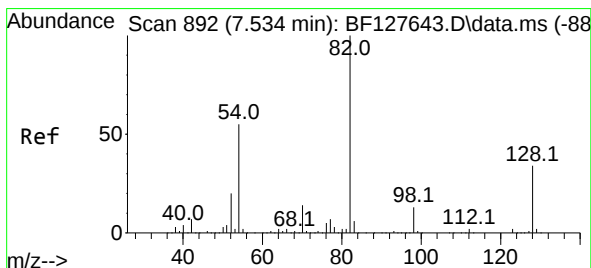
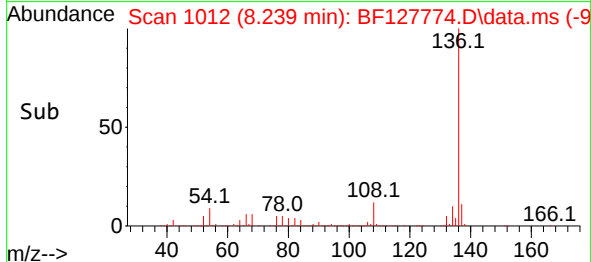
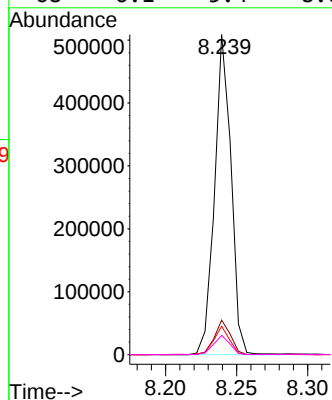
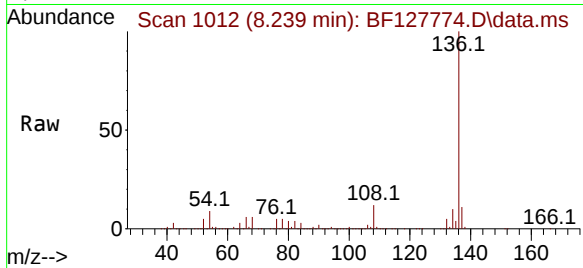


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

Instrument :
BNA_F
ClientSampleId :
JC-03-041122-B

Tgt Ion:136 Resp: 411036

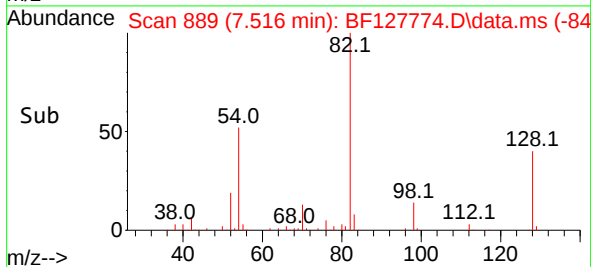
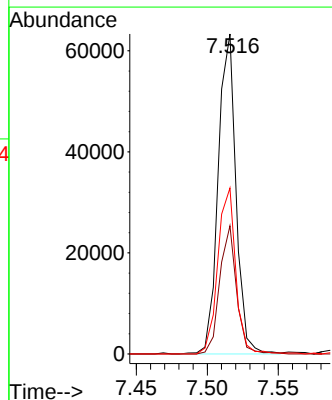
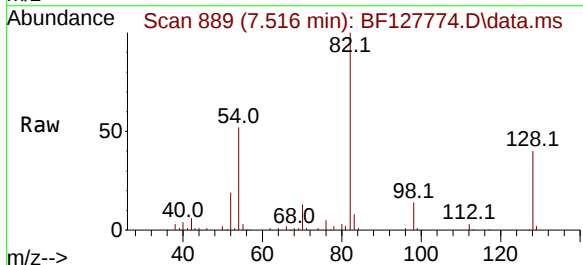
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.9	9.2	13.8#
68	6.1	5.4	8.0

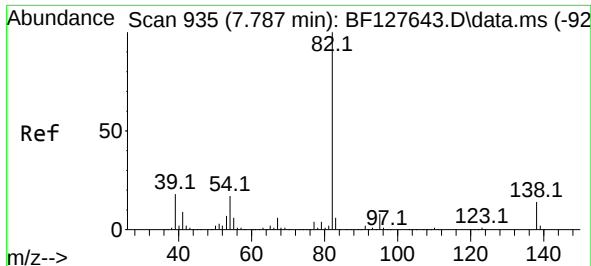


#23
Nitrobenzene-d5
Concen: 5.985 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

Tgt Ion: 82 Resp: 55177

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.6	45.8
54	51.9	48.2	72.2

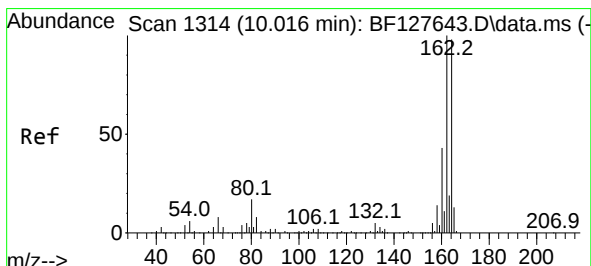
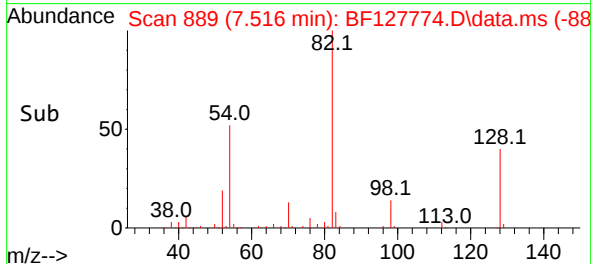
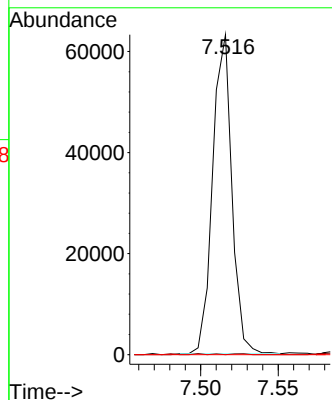
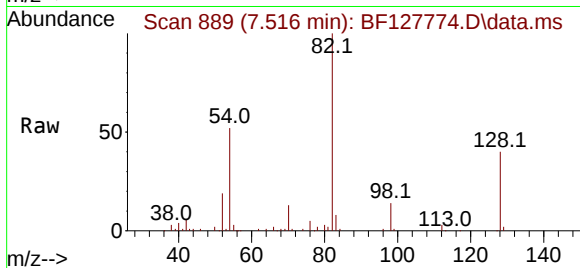




#25
Isophorone
Concen: 3.379 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

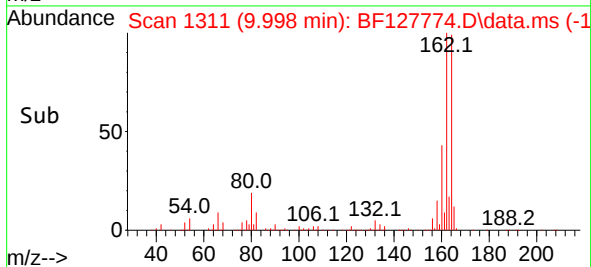
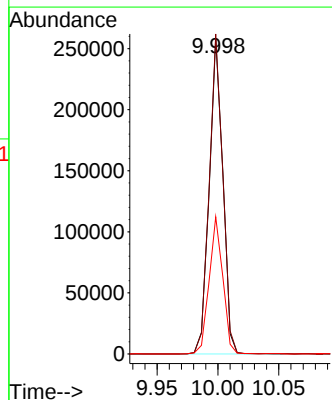
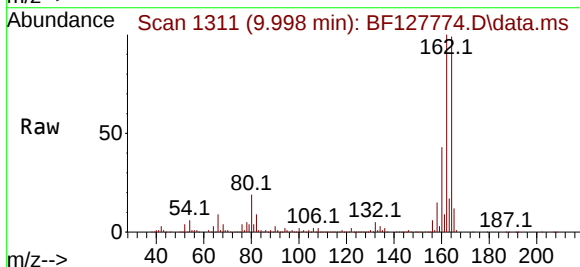
Instrument :
BNA_F
ClientSampleId :
JC-03-041122-B

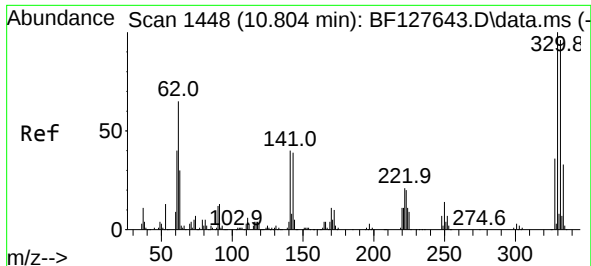
Tgt Ion: 82 Resp: 54354
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

Tgt Ion:164 Resp: 200226
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 43.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 8.948 ng

RT: 10.786 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF127774.D

Acq: 12 Apr 2022 22:58

Instrument :

BNA_F

ClientSampleId :

JC-03-041122-B

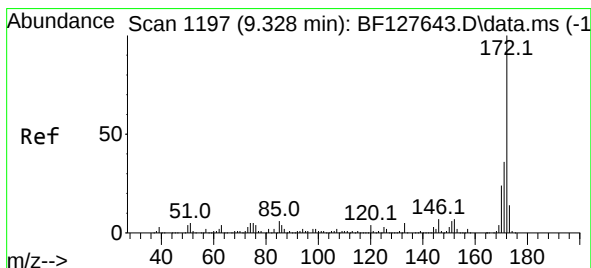
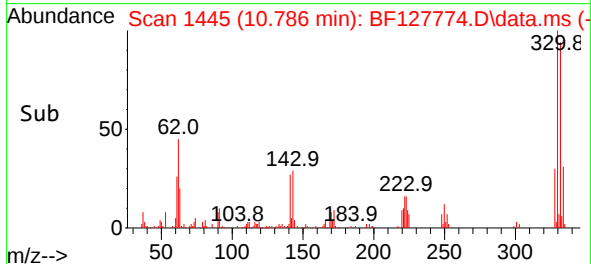
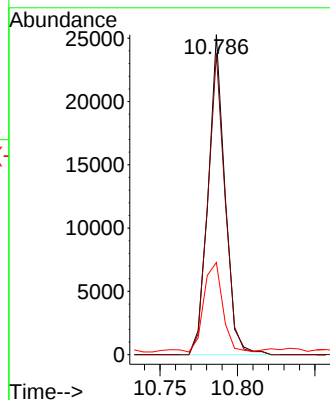
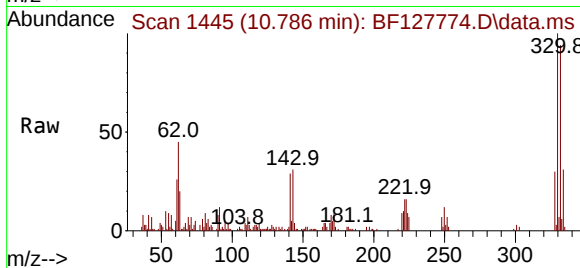
Tgt Ion:330 Resp: 19065

Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

141 32.2 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 7.380 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF127774.D

Acq: 12 Apr 2022 22:58

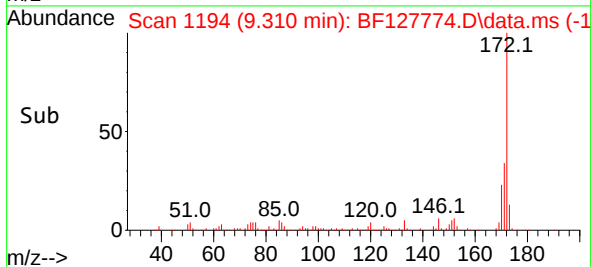
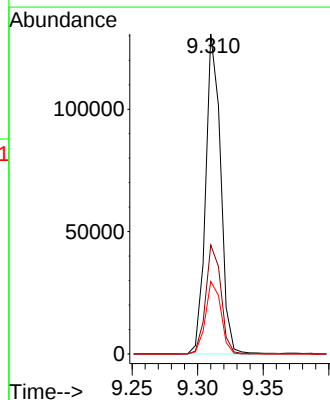
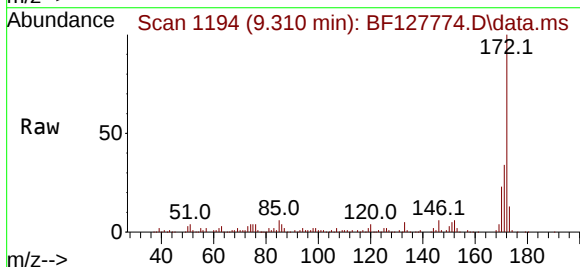
Tgt Ion:172 Resp: 104448

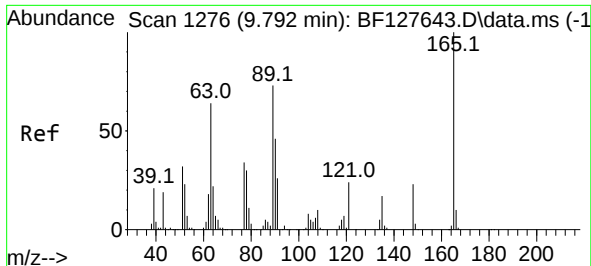
Ion Ratio Lower Upper

172 100

171 34.1 28.4 42.6

170 22.7 18.6 27.8

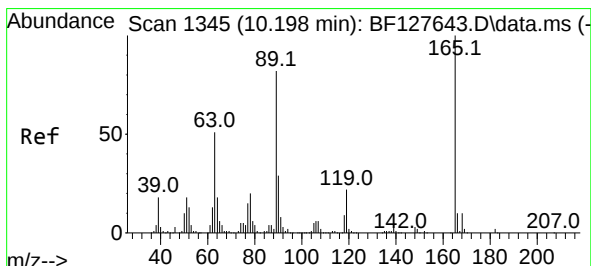
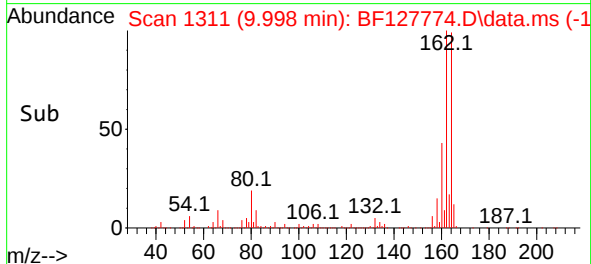
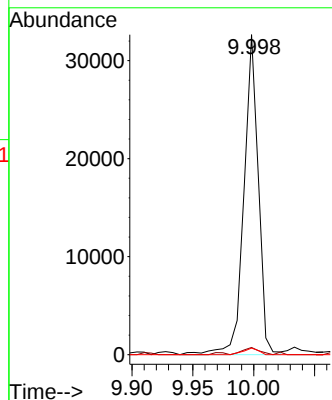
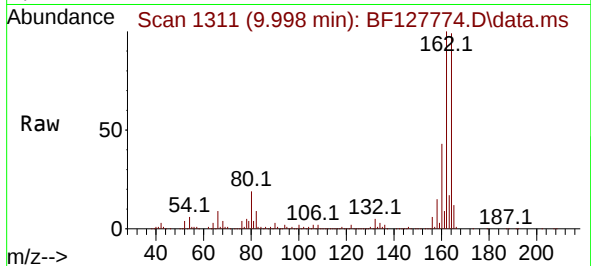




#51
2,6-Dinitrotoluene
Concen: 9.834 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.218 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

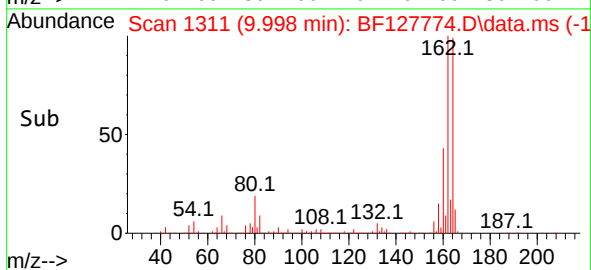
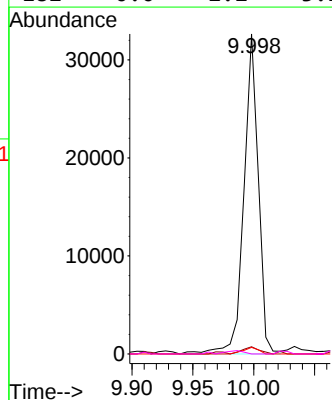
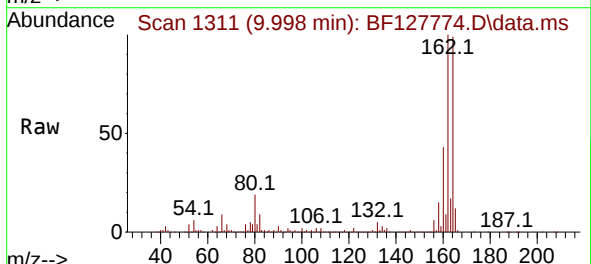
Instrument :
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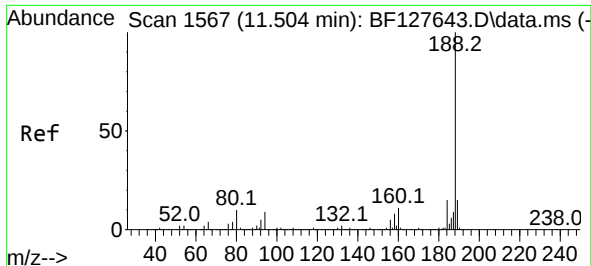
Tgt Ion:165 Resp: 26902
Ion Ratio Lower Upper
165 100
63 2.3 58.3 87.5#
89 2.0 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.932 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

Tgt Ion:165 Resp: 26902
Ion Ratio Lower Upper
165 100
63 2.3 53.1 79.7#
89 2.0 69.2 103.8#
182 0.0 2.2 3.2#

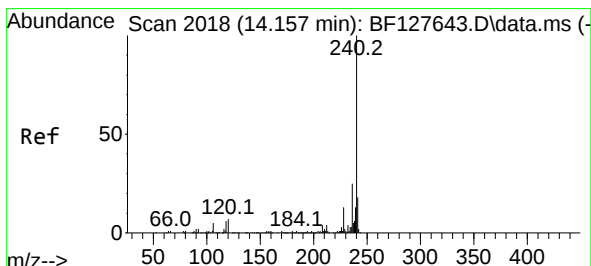
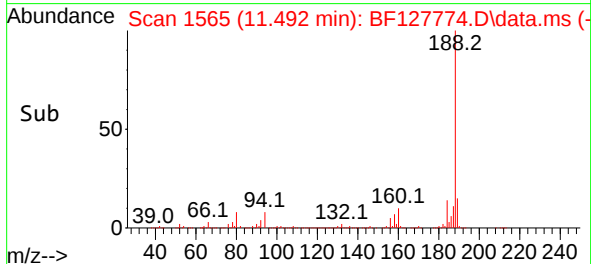
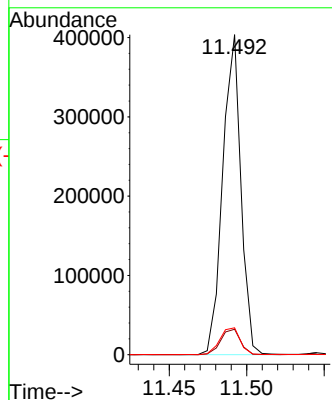
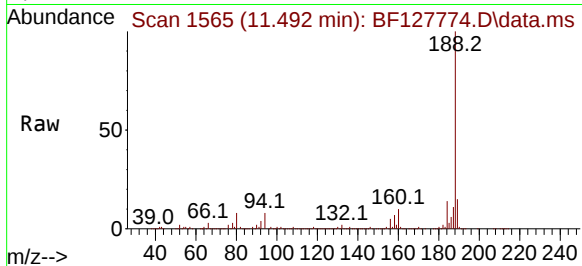




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

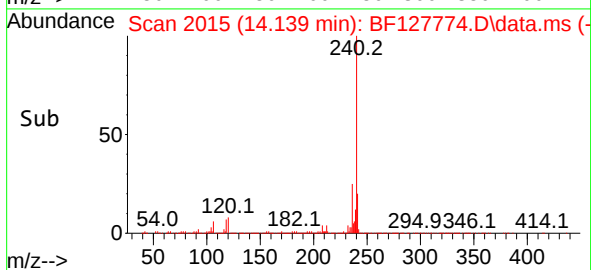
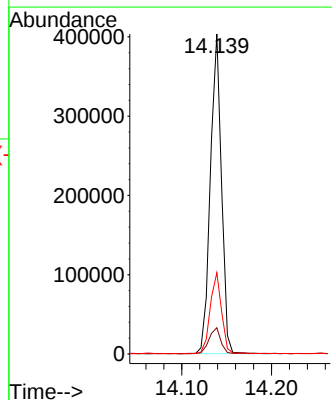
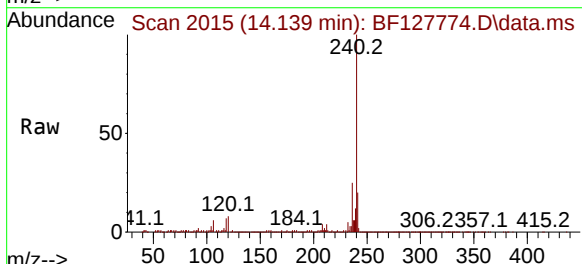
Instrument :
BNA_F
ClientSampleId :
JC-03-041122-B

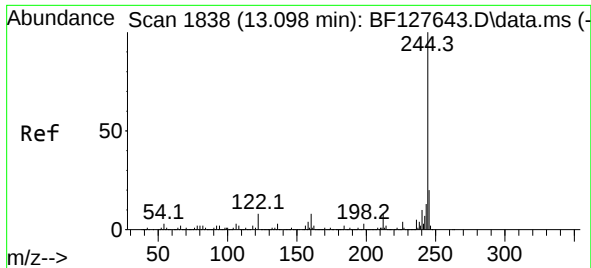
Tgt Ion:188 Resp: 328998
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.0
80 8.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF127774.D
Acq: 12 Apr 2022 22:58

Tgt Ion:240 Resp: 344662
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.4 20.7 31.1

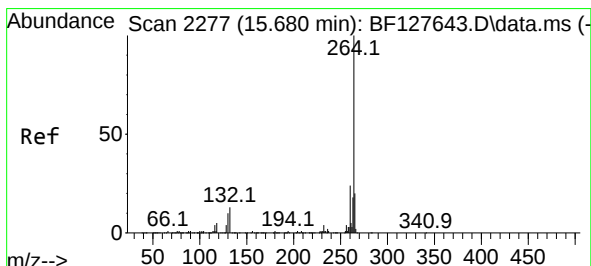
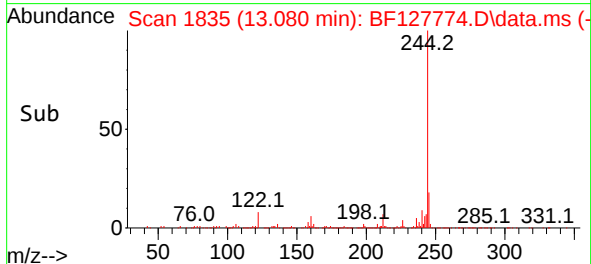
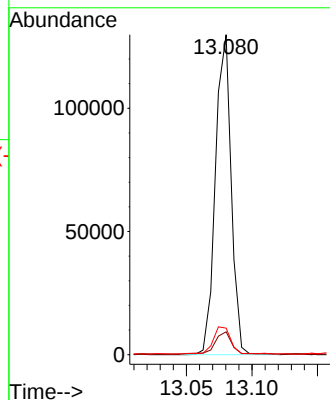
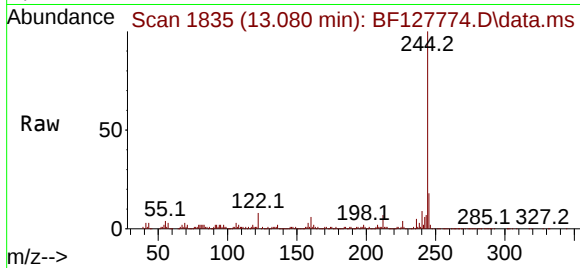




#79
 Terphenyl-d14
 Concen: 5.188 ng
 RT: 13.080 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: BF127774.D
 Acq: 12 Apr 2022 22:58

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-041122-B

Tgt Ion:244 Resp: 108331
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 8.3 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 2273
 Delta R.T. 0.000 min
 Lab File: BF127774.D
 Acq: 12 Apr 2022 22:58

Tgt Ion:264 Resp: 271281
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.7 17.4 26.2

