

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
 Data File : BF127740.D
 Acq On : 11 Apr 2022 15:56
 Operator : CG\JU
 Sample : N2336-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C150-CU

Quant Time: Apr 12 04:55:31 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 06 13:55:27 2022
 Response via : Initial Calibration

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

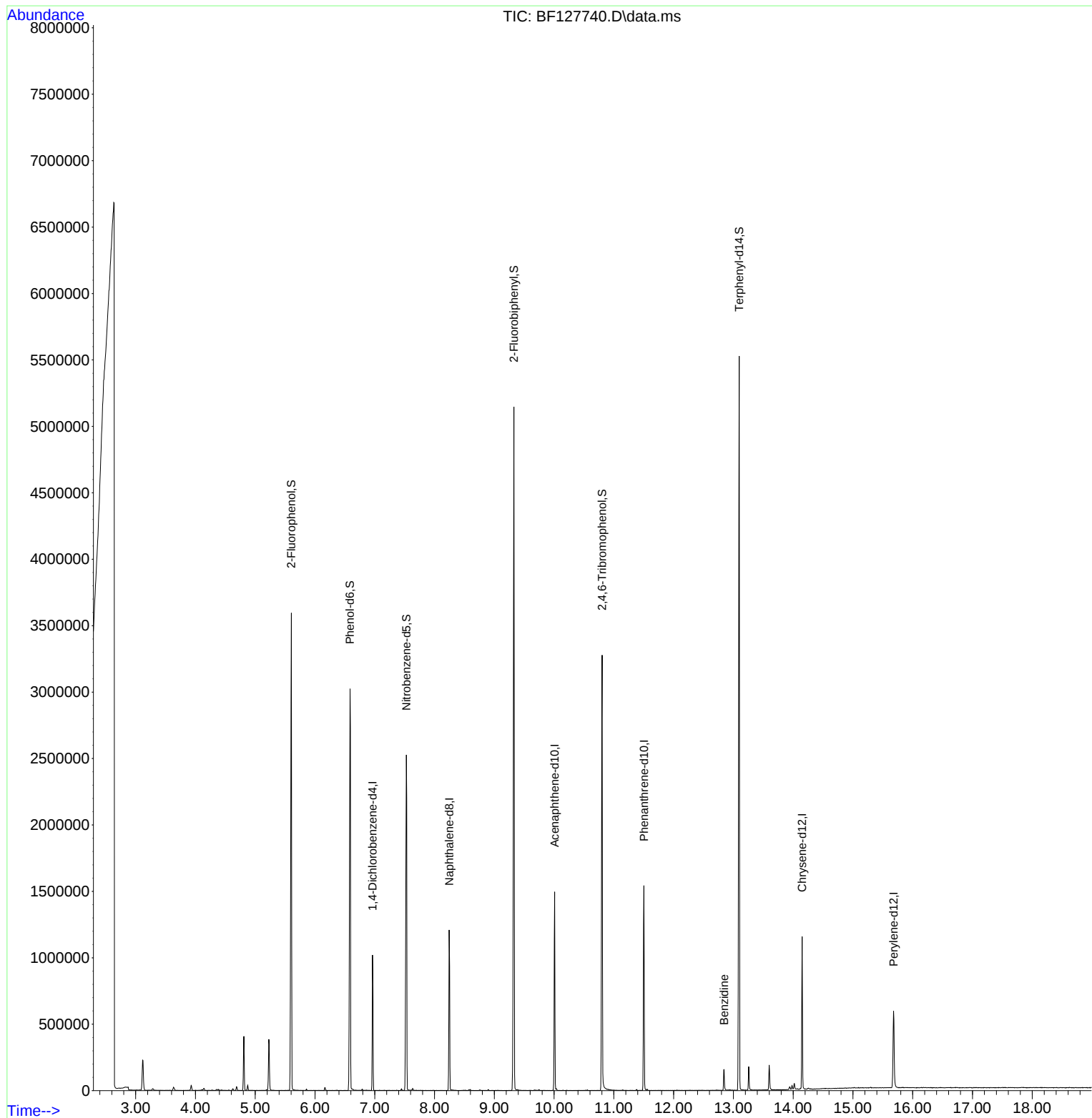
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	139739	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	506410	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	299897	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	549436	20.000	ng	0.00
76) Chrysene-d12	14.151	240	376957	20.000	ng	0.00
86) Perylene-d12	15.680	264	308885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	961118	111.760	ng	0.02
7) Phenol-d6	6.587	99	1172162	104.188	ng	0.00
23) Nitrobenzene-d5	7.528	82	970628	85.448	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	425107	133.206	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1681323	79.311	ng	0.00
79) Terphenyl-d14	13.098	244	2048037	89.678	ng	0.00
Target Compounds						
77) Benzidine	12.845	184	68631	6.976	ng	Qvalue 99

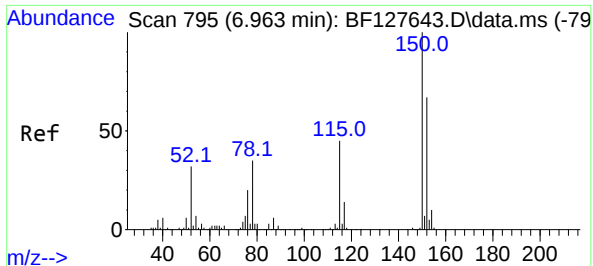
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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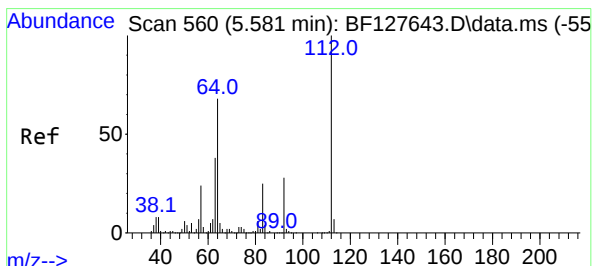
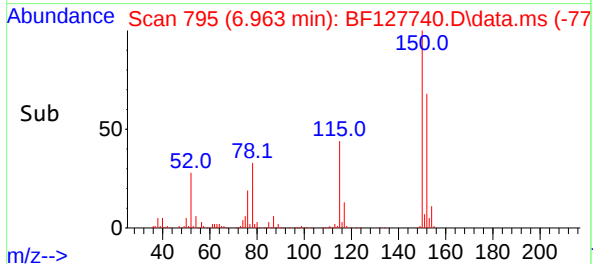
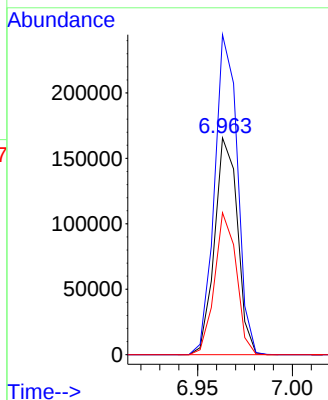
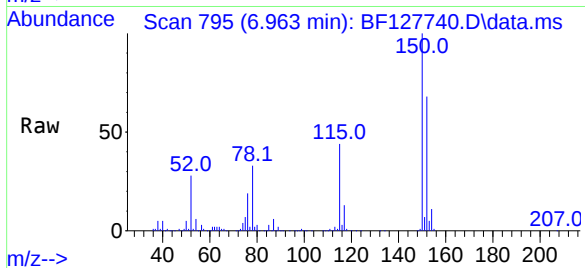




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

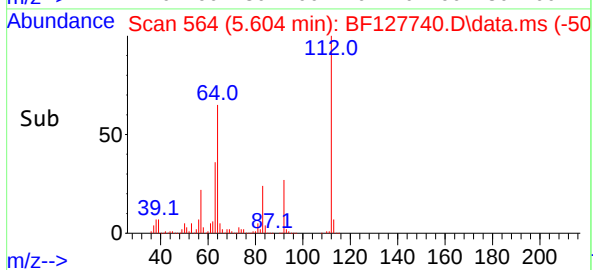
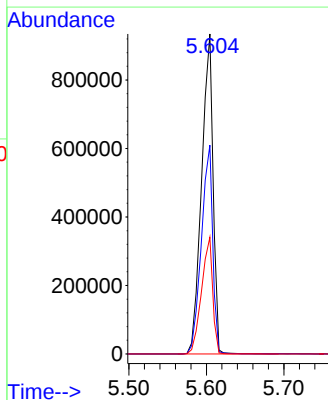
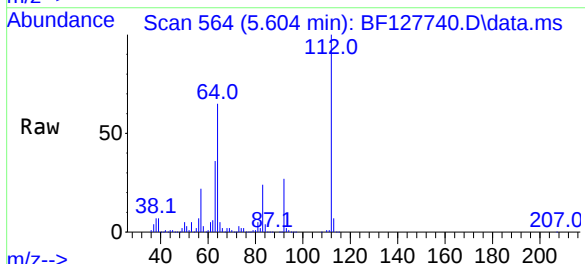
Instrument :
BNA_F
ClientSampleId :
C150-CU

Tgt Ion:152 Resp: 139739
Ion Ratio Lower Upper
152 100
150 147.6 117.2 175.8
115 65.5 49.8 74.6



#5
2-Fluorophenol
Concen: 111.760 ng
RT: 5.604 min Scan# 564
Delta R.T. 0.024 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion:112 Resp: 961118
Ion Ratio Lower Upper
112 100
64 65.2 58.4 87.6
63 36.4 30.1 45.1

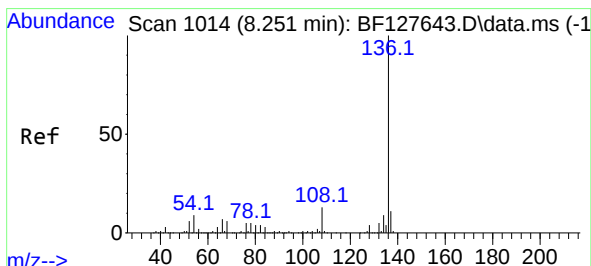
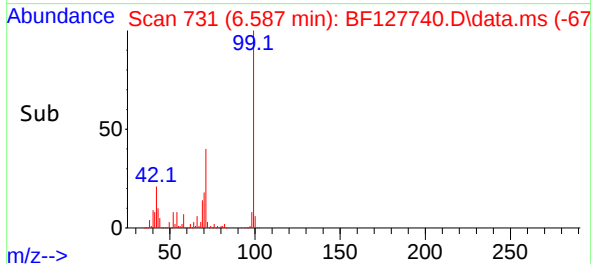
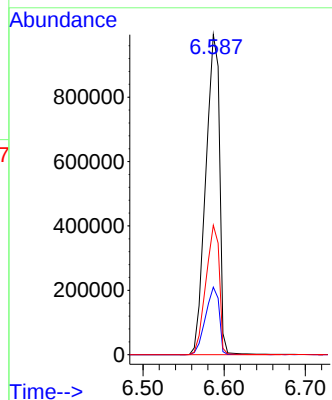
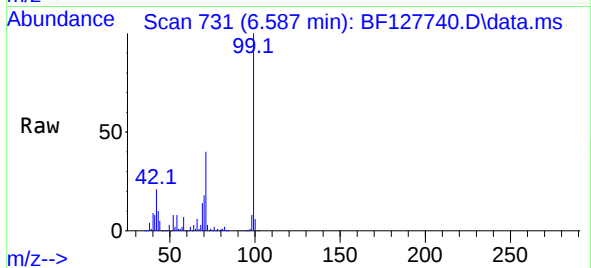




#7
Phenol-d6
Concen: 104.188 ng
RT: 6.587 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

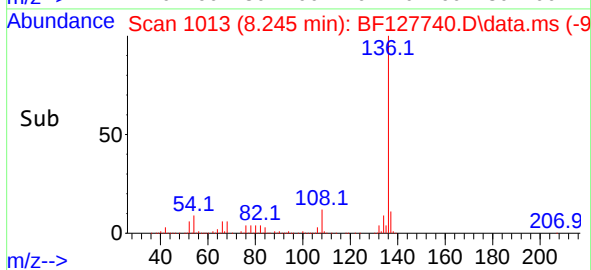
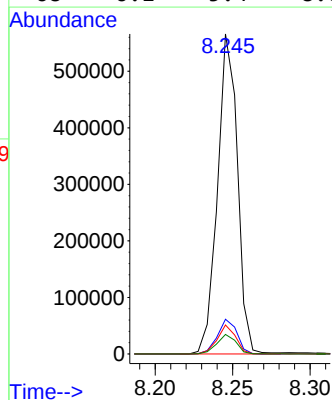
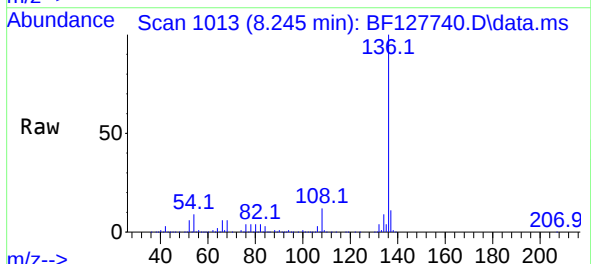
Instrument :
BNA_F
ClientSampleId :
C150-CU

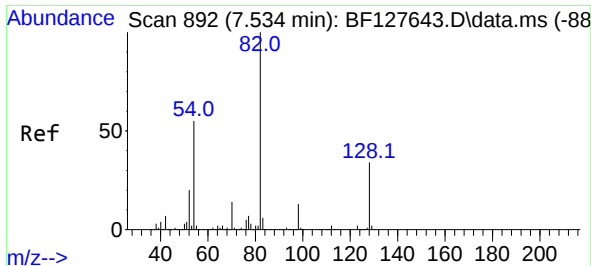
Tgt Ion: 99 Resp: 1172162
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 40.5 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion: 136 Resp: 506410
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 9.2 13.8#
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 85.448 ng

RT: 7.528 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF127740.D

Acq: 11 Apr 2022 15:56

Instrument :

BNA_F

ClientSampleId :

C150-CU

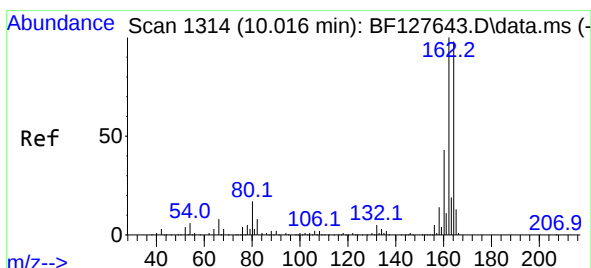
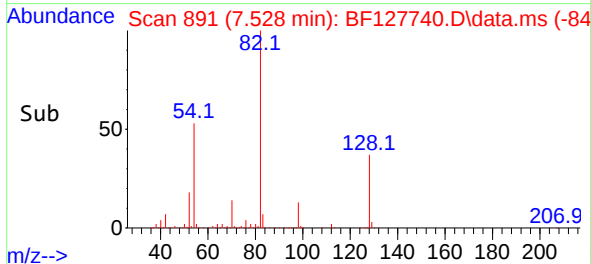
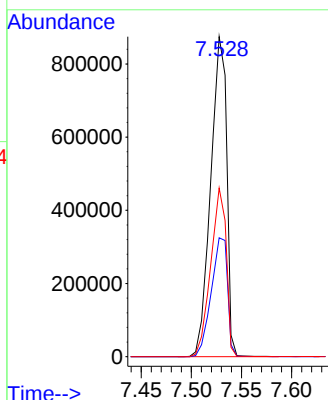
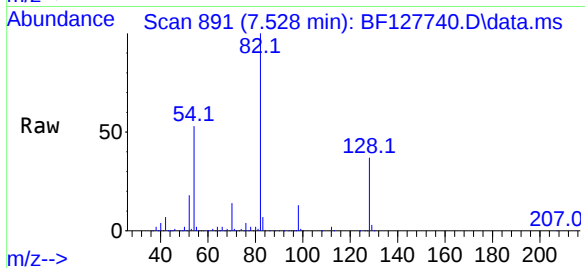
Tgt Ion: 82 Resp: 970628

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 52.7 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.010 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF127740.D

Acq: 11 Apr 2022 15:56

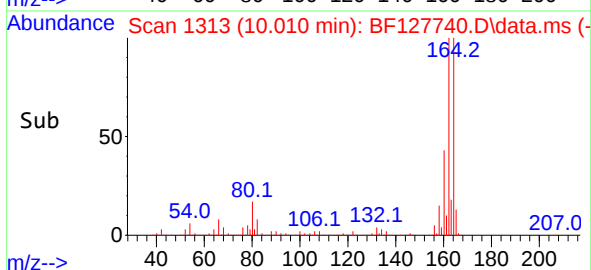
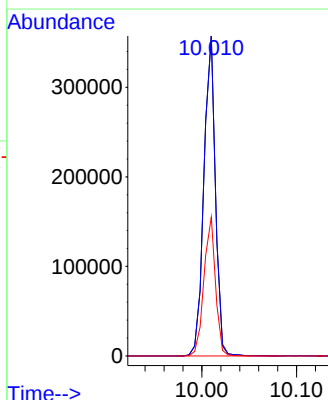
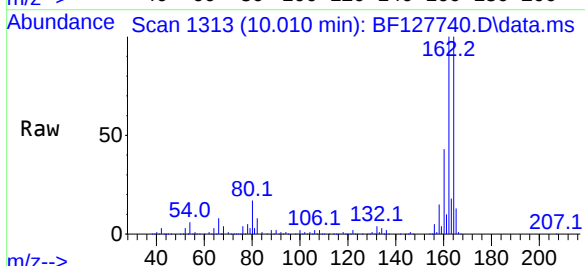
Tgt Ion:164 Resp: 299897

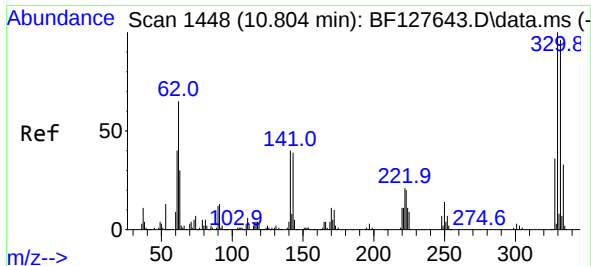
Ion Ratio Lower Upper

164 100

162 99.9 81.2 121.8

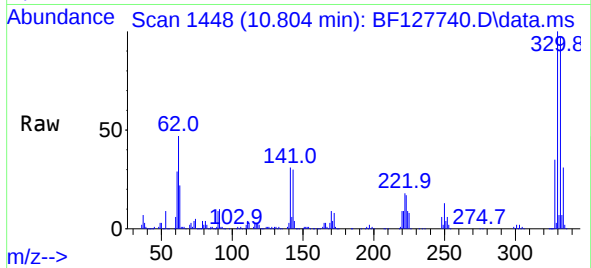
160 43.4 34.6 52.0



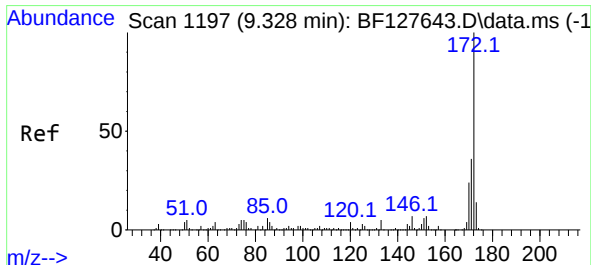
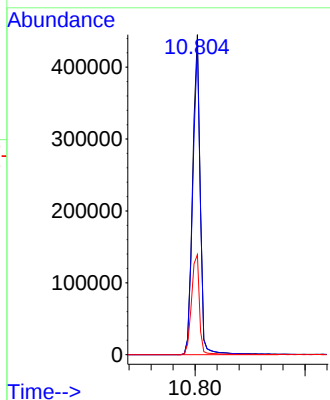
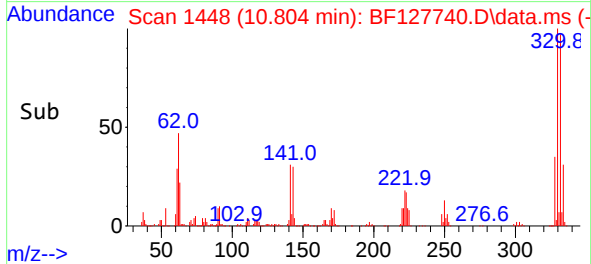


#42
2,4,6-Tribromophenol
Concen: 133.206 ng
RT: 10.804 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

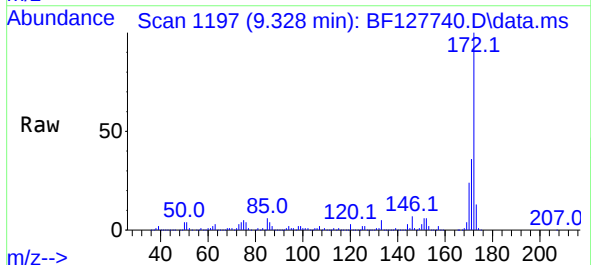
Instrument :
BNA_F
ClientSampleId :
C150-CU



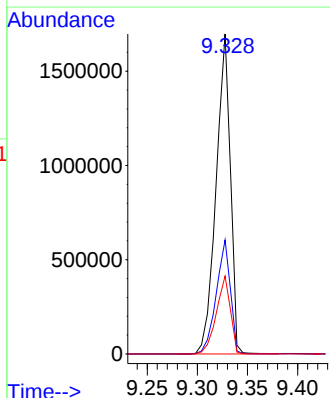
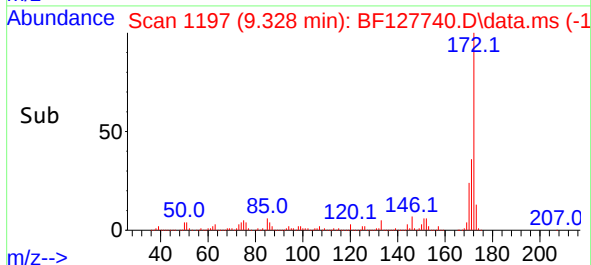
Tgt Ion:330 Resp: 425107
Ion Ratio Lower Upper
330 100
332 95.6 79.1 118.7
141 32.6 26.2 39.4

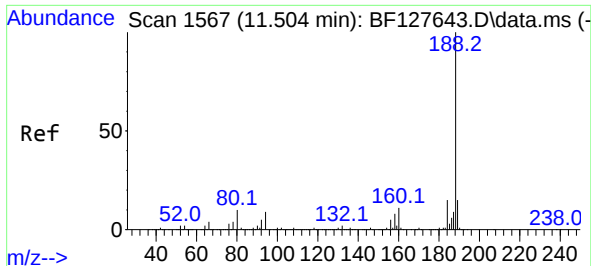


#45
2-Fluorobiphenyl
Concen: 79.311 ng
RT: 9.328 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56



Tgt Ion:172 Resp: 1681323
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.4 18.6 27.8

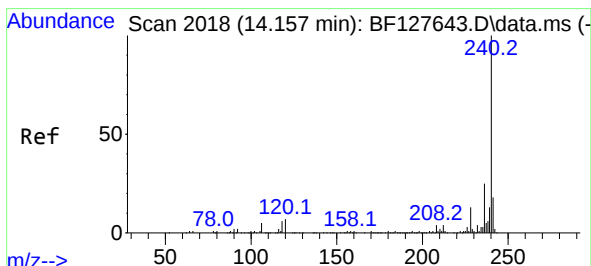
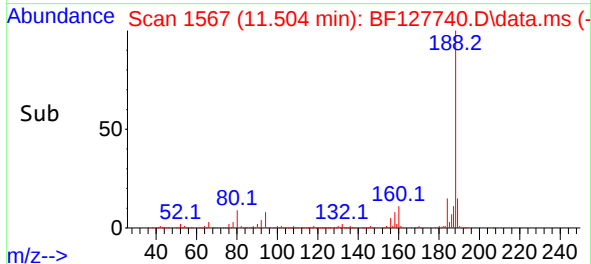
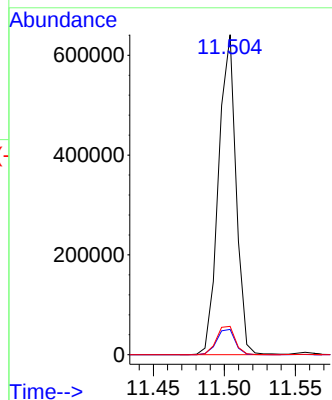
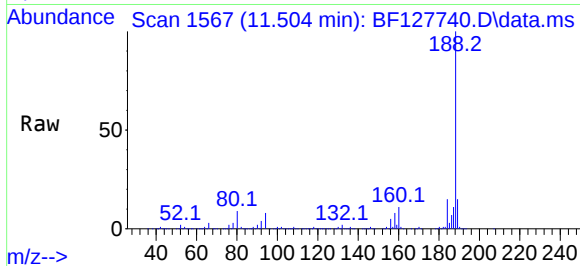




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

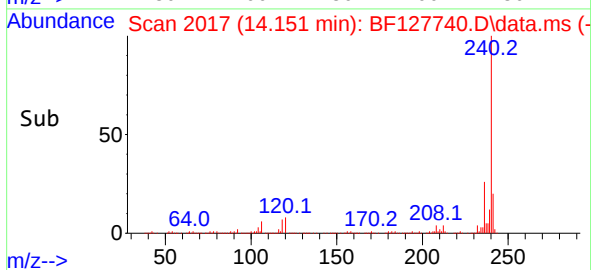
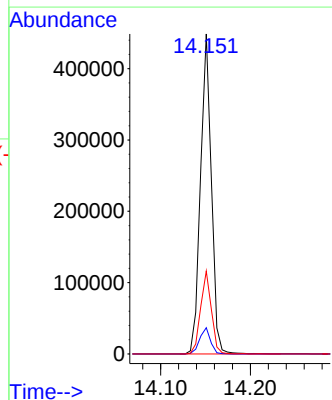
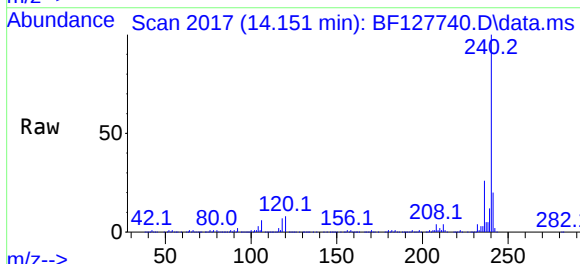
Instrument :
BNA_F
ClientSampleId :
C150-CU

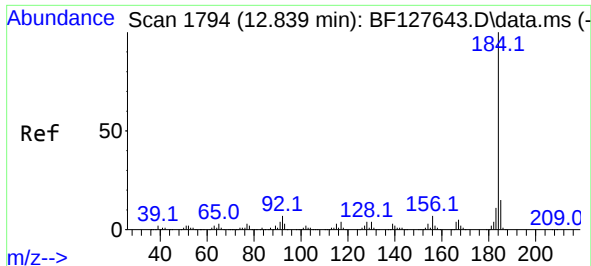
Tgt Ion:188 Resp: 549436
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.0
80 8.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Tgt Ion:240 Resp: 376957
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 25.9 20.7 31.1

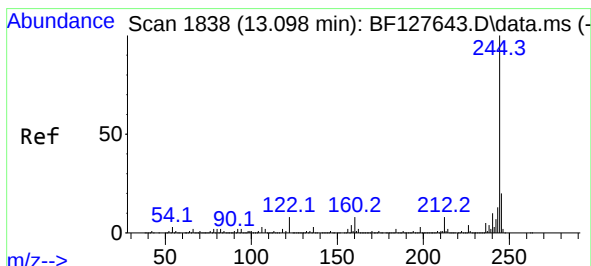
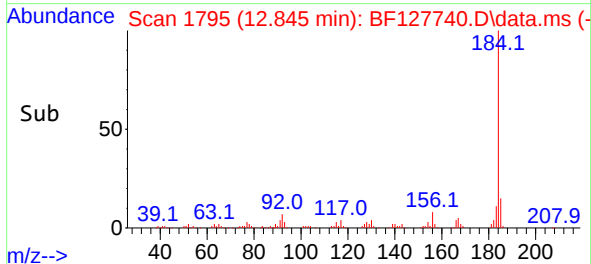
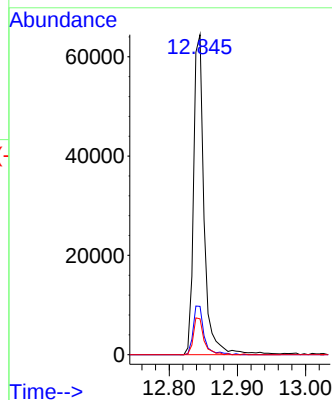
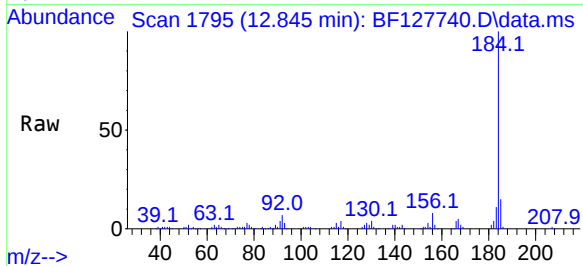




#77
Benzidine
Concen: 6.976 ng
RT: 12.845 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

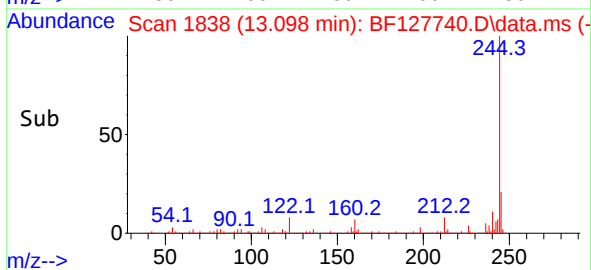
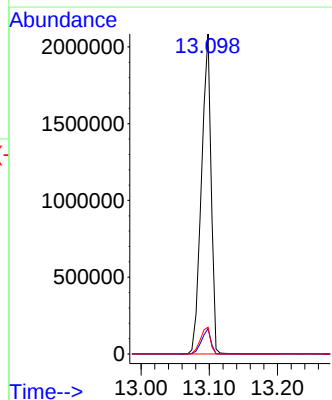
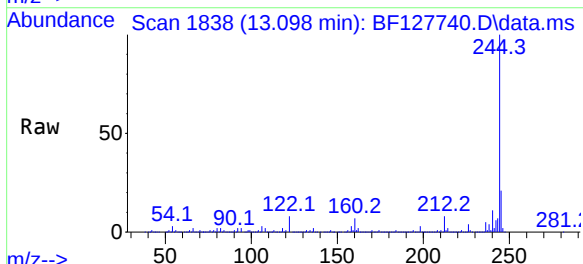
Instrument :
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C150-CU

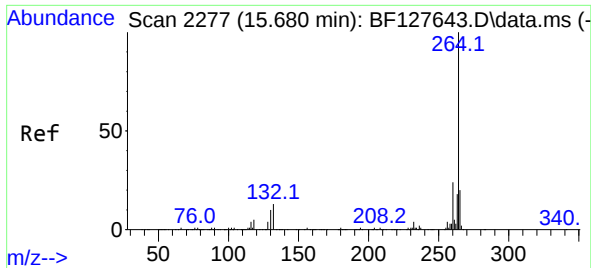
Tgt Ion:184 Resp: 68631
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 11.2 9.4 14.0



#79
Terphenyl-d14
Concen: 89.678 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

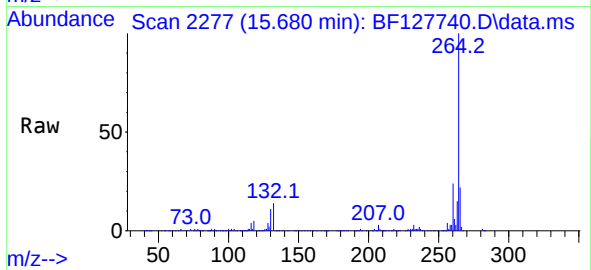
Tgt Ion:244 Resp: 2048037
Ion Ratio Lower Upper
244 100
212 7.9 5.7 8.5
122 8.4 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127740.D
Acq: 11 Apr 2022 15:56

Instrument :
BNA_F
ClientSampleId :
C150-CU



Tgt Ion:264 Resp: 308885
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 22.2 17.4 26.2

