

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127694.D
 Acq On : 07 Apr 2022 20:28
 Operator : CG\JU
 Sample : N2237-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-0401

Quant Time: Apr 08 04:46:14 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)

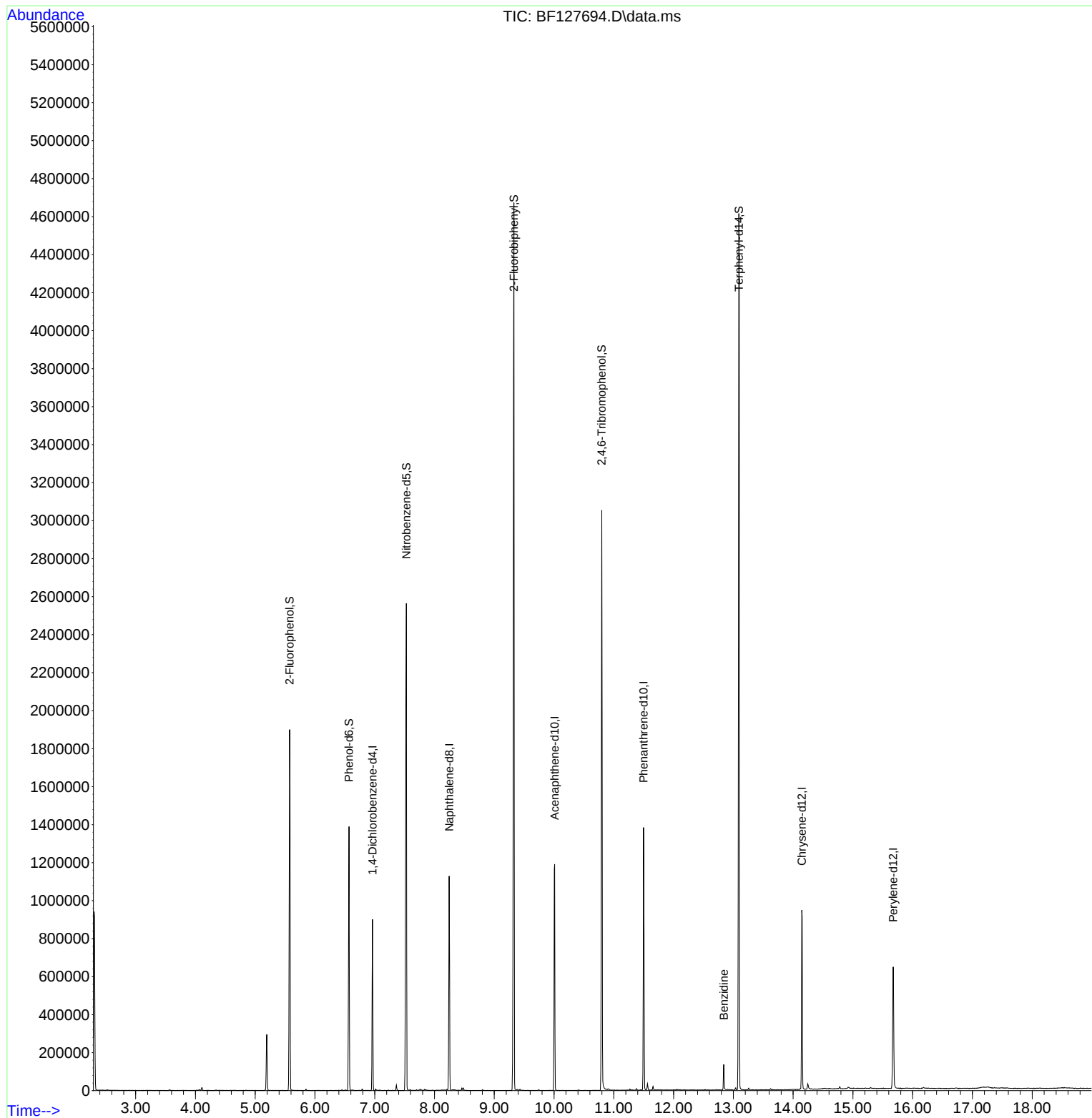
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	121041	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	434885	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	253731	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	482334	20.000	ng	0.00
76) Chrysene-d12	14.145	240	350013	20.000	ng	-0.01
86) Perylene-d12	15.674	264	308706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	479025	64.306	ng	0.00
7) Phenol-d6	6.569	99	387230	39.736	ng	-0.01
23) Nitrobenzene-d5	7.528	82	865787	88.754	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	361442	133.864	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1491809	83.175	ng	0.00
79) Terphenyl-d14	13.092	244	1801881	84.974	ng	0.00
Target Compounds						
77) Benzidine	12.839	184	47556	5.206	ng	Qvalue 96

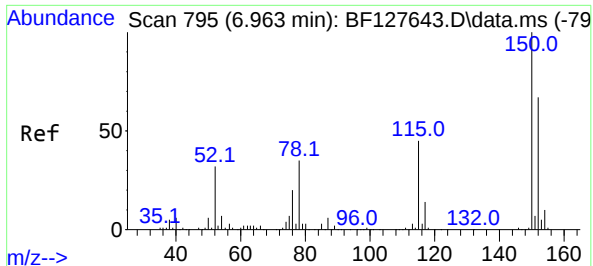
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
Data File : BF127694.D
Acq On : 07 Apr 2022 20:28
Operator : CG\JU
Sample : N2237-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-0401

Quant Time: Apr 08 04:46:14 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

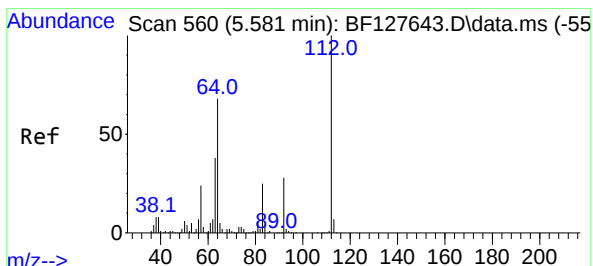
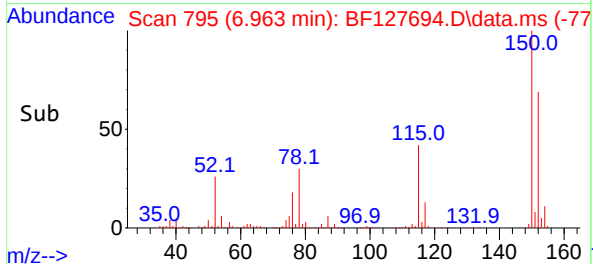
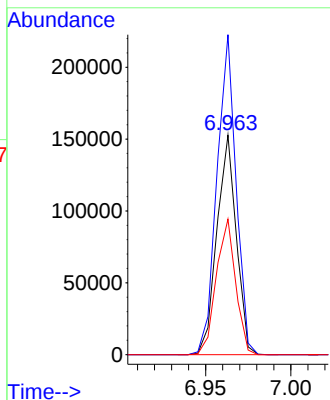
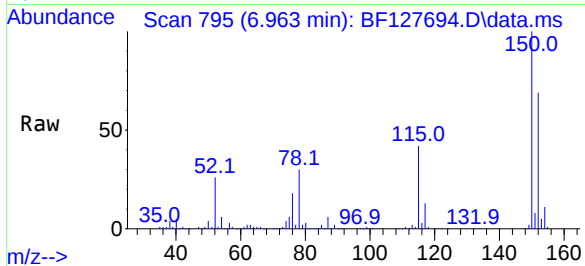




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

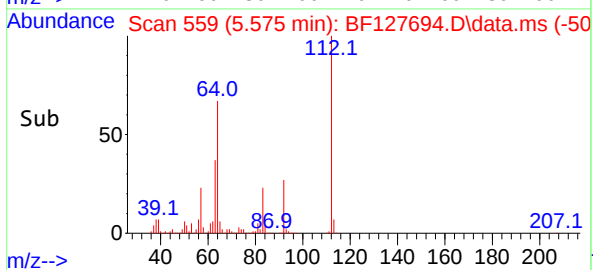
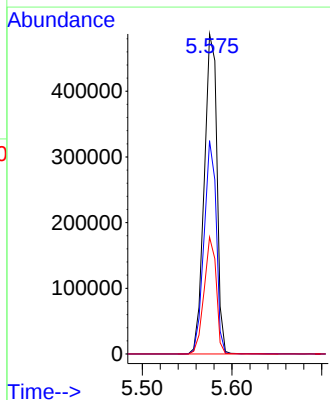
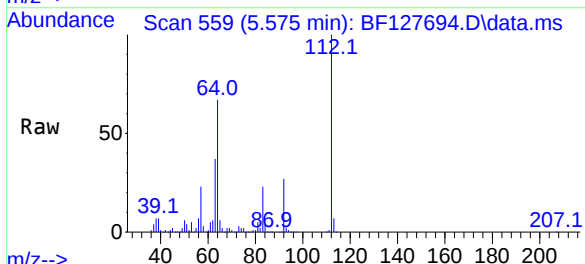
Instrument :
BNA_F
ClientSampleId :
FB-0401

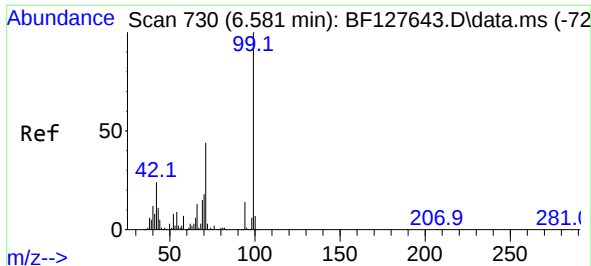
Tgt Ion:152 Resp: 121041
Ion Ratio Lower Upper
152 100
150 145.7 117.2 175.8
115 61.8 49.8 74.6



#5
2-Fluorophenol
Concen: 64.306 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion:112 Resp: 479025
Ion Ratio Lower Upper
112 100
64 66.7 58.4 87.6
63 36.5 30.1 45.1

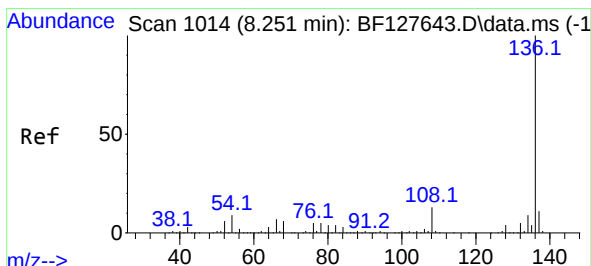
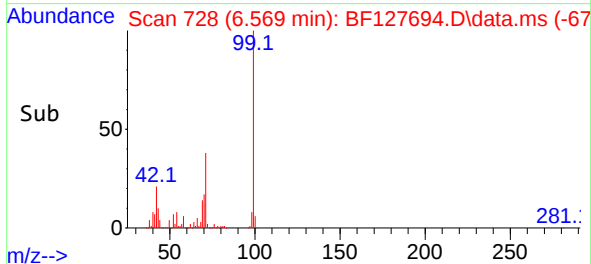
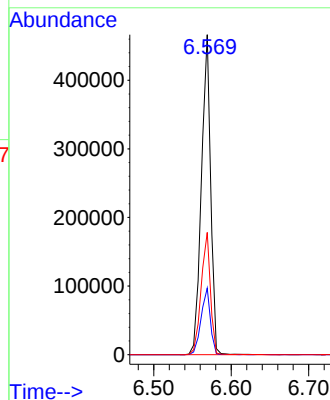
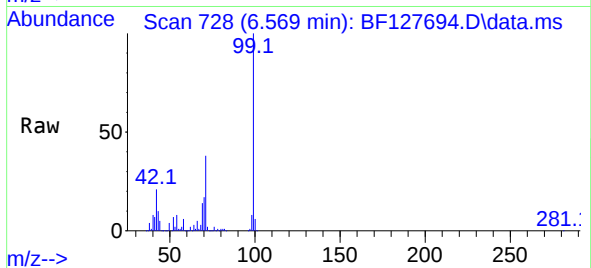




#7
Phenol-d6
Concen: 39.736 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

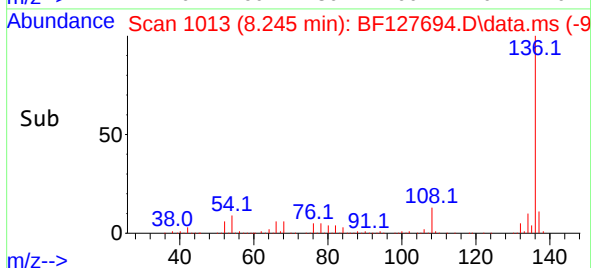
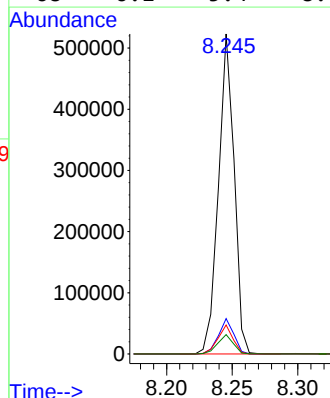
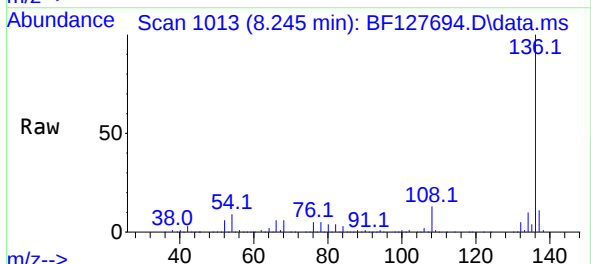
Instrument :
BNA_F
ClientSampleId :
FB-0401

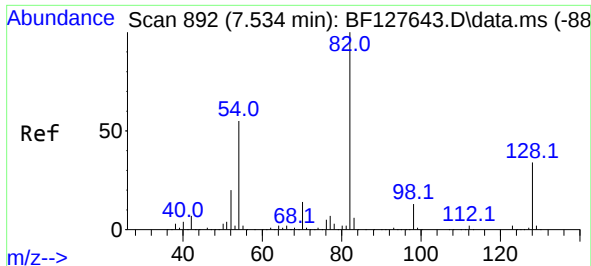
Tgt Ion: 99 Resp: 387230
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 38.2 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion: 136 Resp: 434885
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.1 9.2 13.8#
68 6.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.754 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127694.D

Acq: 07 Apr 2022 20:28

Instrument :

BNA_F

ClientSampleId :

FB-0401

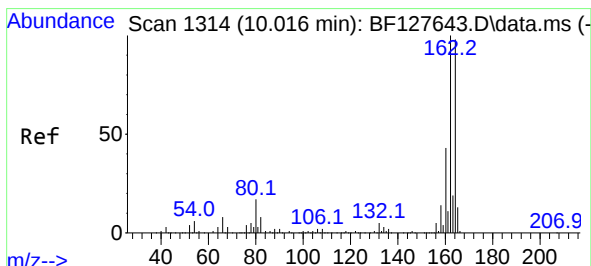
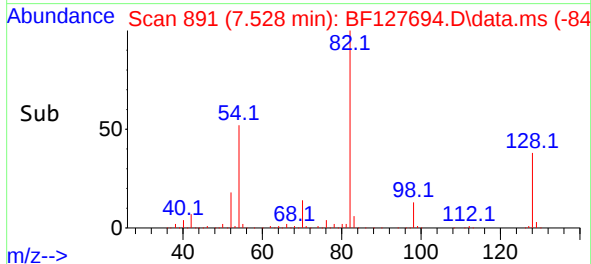
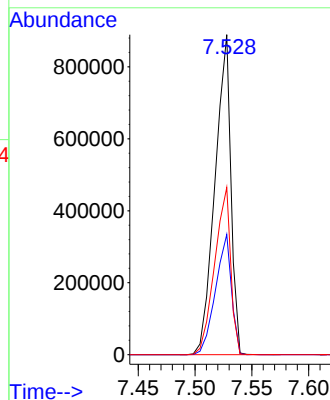
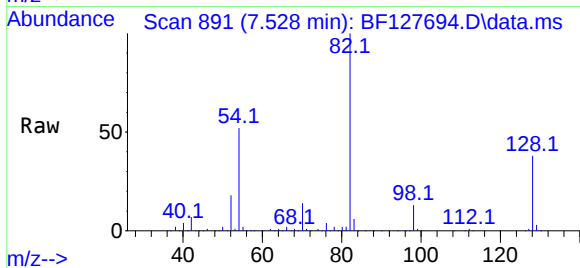
Tgt Ion: 82 Resp: 865787

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 52.3 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: BF127694.D

Acq: 07 Apr 2022 20:28

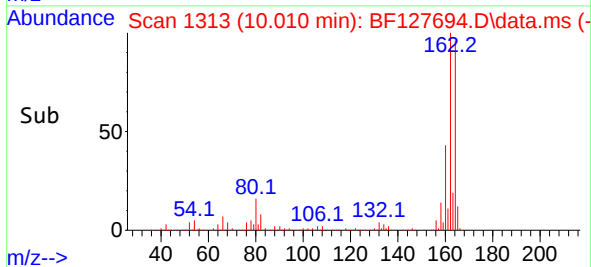
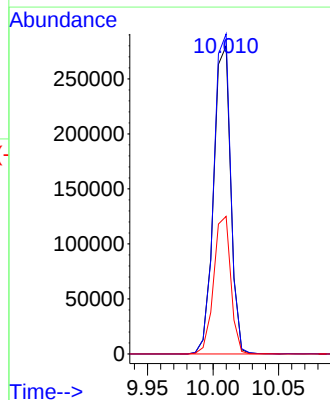
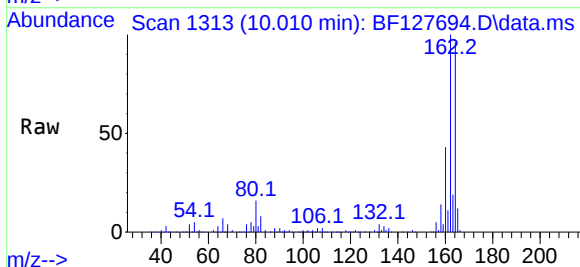
Tgt Ion:164 Resp: 253731

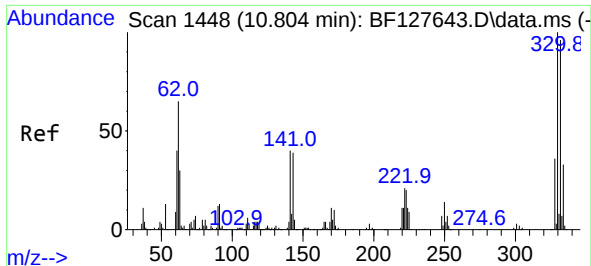
Ion Ratio Lower Upper

164 100

162 103.9 81.2 121.8

160 44.7 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 133.864 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127694.D

Acq: 07 Apr 2022 20:28

Instrument :

BNA_F

ClientSampleId :

FB-0401

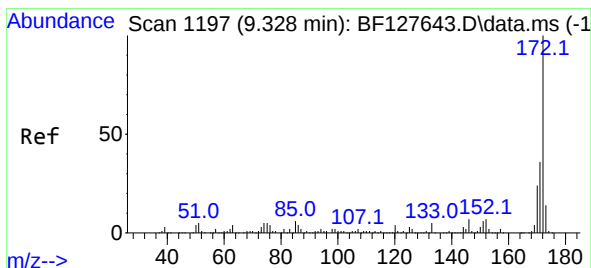
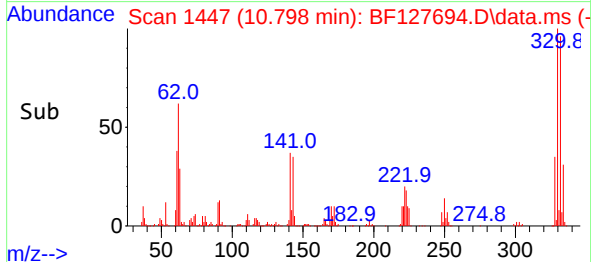
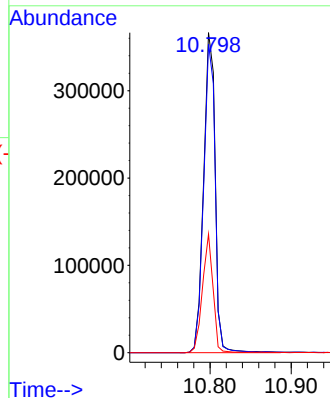
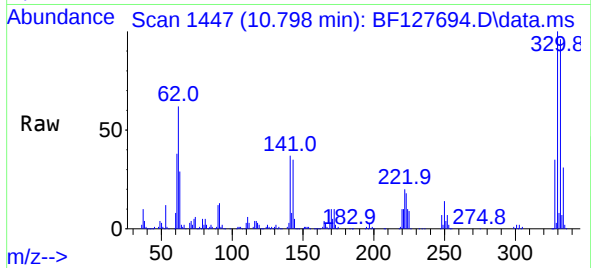
Tgt Ion:330 Resp: 361442

Ion Ratio Lower Upper

330 100

332 96.4 79.1 118.7

141 33.9 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 83.175 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127694.D

Acq: 07 Apr 2022 20:28

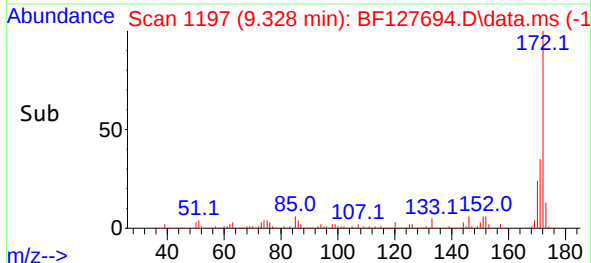
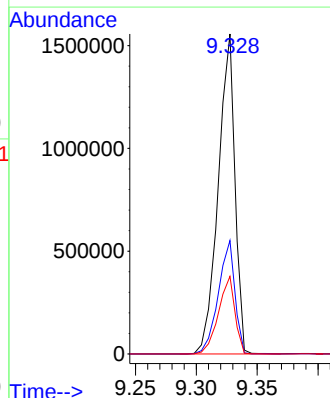
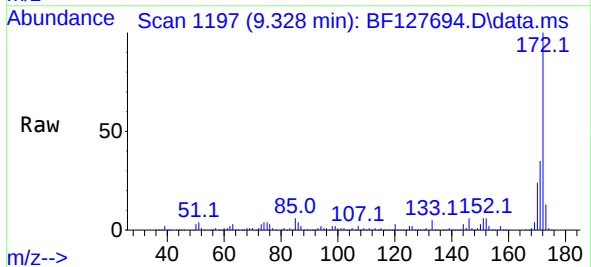
Tgt Ion:172 Resp: 1491809

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.3 18.6 27.8

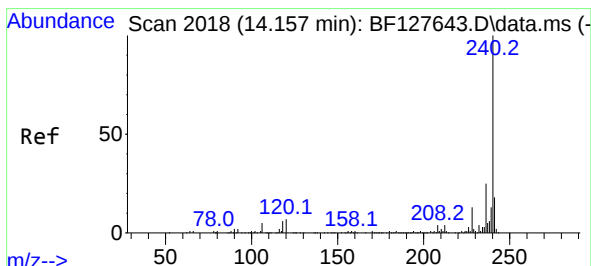
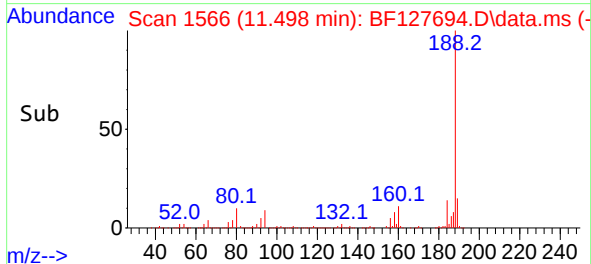
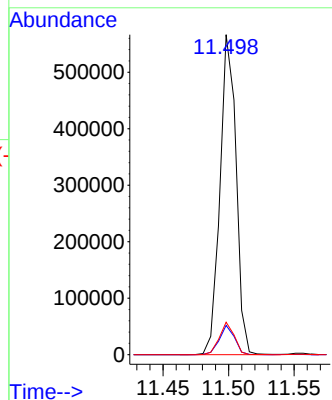
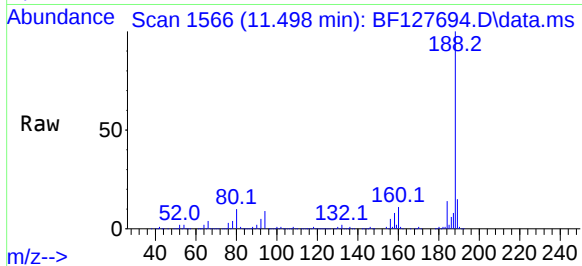




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

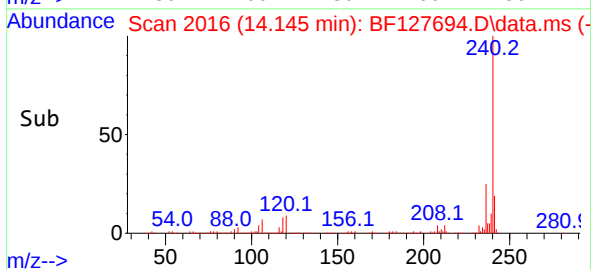
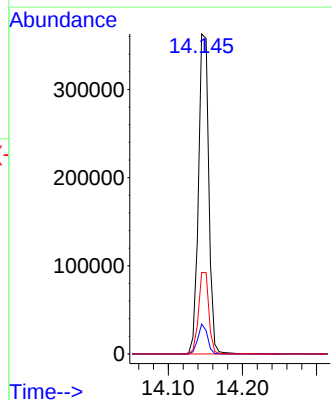
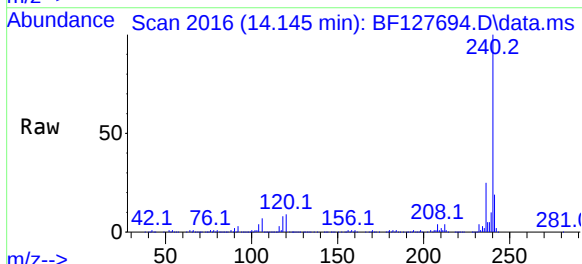
Instrument :
BNA_F
ClientSampleId :
FB-0401

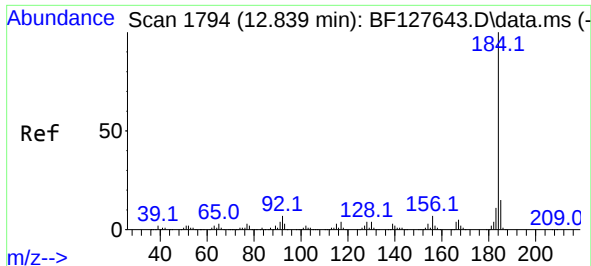
Tgt Ion:188 Resp: 482334
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.2 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

Tgt Ion:240 Resp: 350013
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.5 20.7 31.1

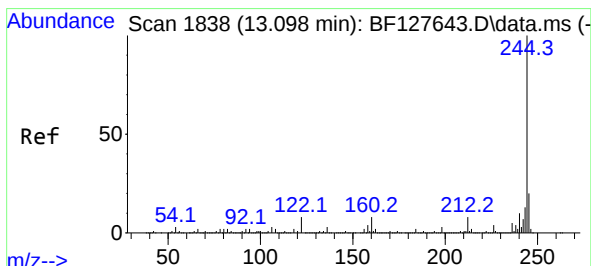
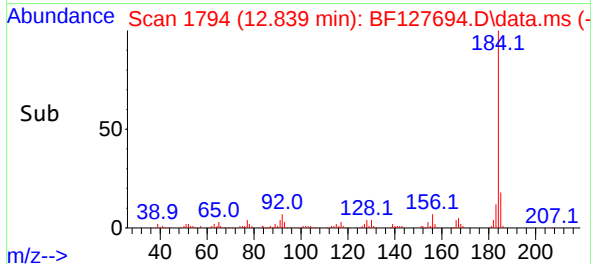
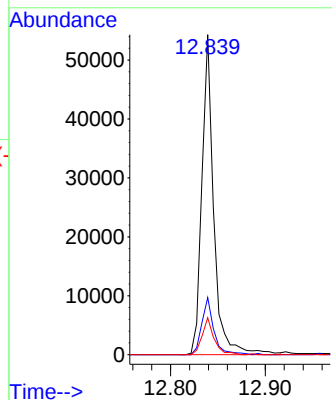
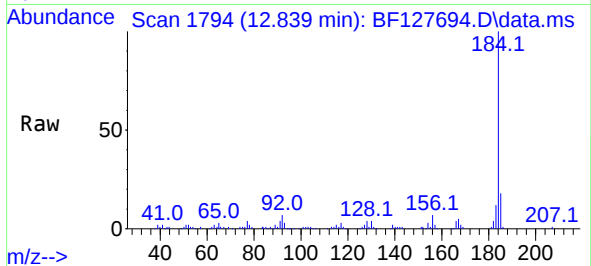




#77
Benzidine
Concen: 5.206 ng
RT: 12.839 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

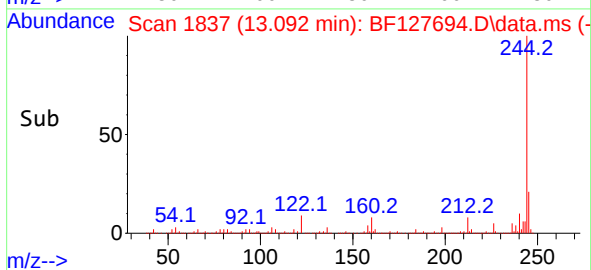
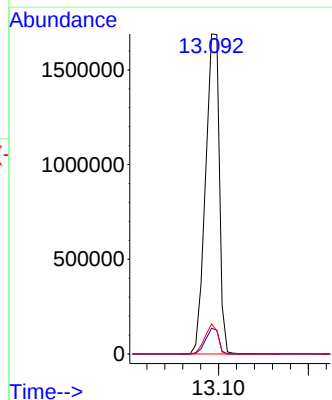
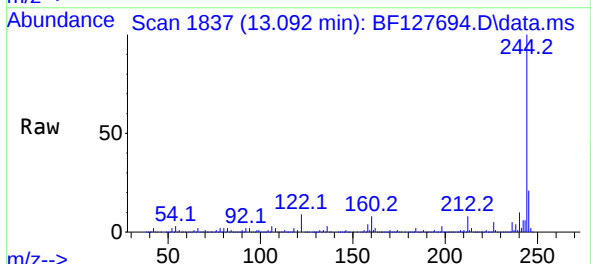
Instrument :
BNA_F
ClientSampleId :
FB-0401

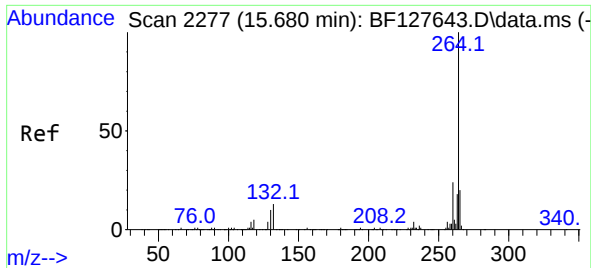
Tgt Ion:184 Resp: 47556
Ion Ratio Lower Upper
184 100
185 17.8 12.2 18.2
183 11.6 9.4 14.0



#79
Terphenyl-d14
Concen: 84.974 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127694.D
Acq: 07 Apr 2022 20:28

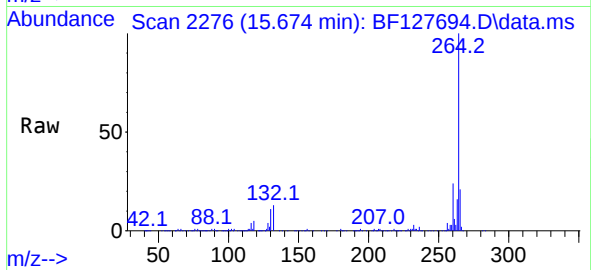
Tgt Ion:244 Resp: 1801881
Ion Ratio Lower Upper
244 100
212 8.0 5.7 8.5
122 9.4 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127694.D
 Acq: 07 Apr 2022 20:28

Instrument :
 BNA_F
 ClientSampleId :
 FB-0401



Tgt Ion:264 Resp: 308706

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	21.1	17.4	26.2

