

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127094.D
 Acq On : 28 Feb 2022 12:31
 Operator : CG\JU
 Sample : N1664-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Feb 28 16:57:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	95923	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	393787	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	205986	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	367149	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	216156	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	165589	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	675313	108.811	ng	0.00
7) Phenol-d6	6.528	99	879737	105.049	ng	-0.01
23) Nitrobenzene-d5	7.463	82	618406	70.884	ng	-0.01
42) 2,4,6-Tribromophenol	10.734	330	279518	117.858	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	974418	69.640	ng	-0.01
79) Terphenyl-d14	13.022	244	1091513	74.232	ng	0.00

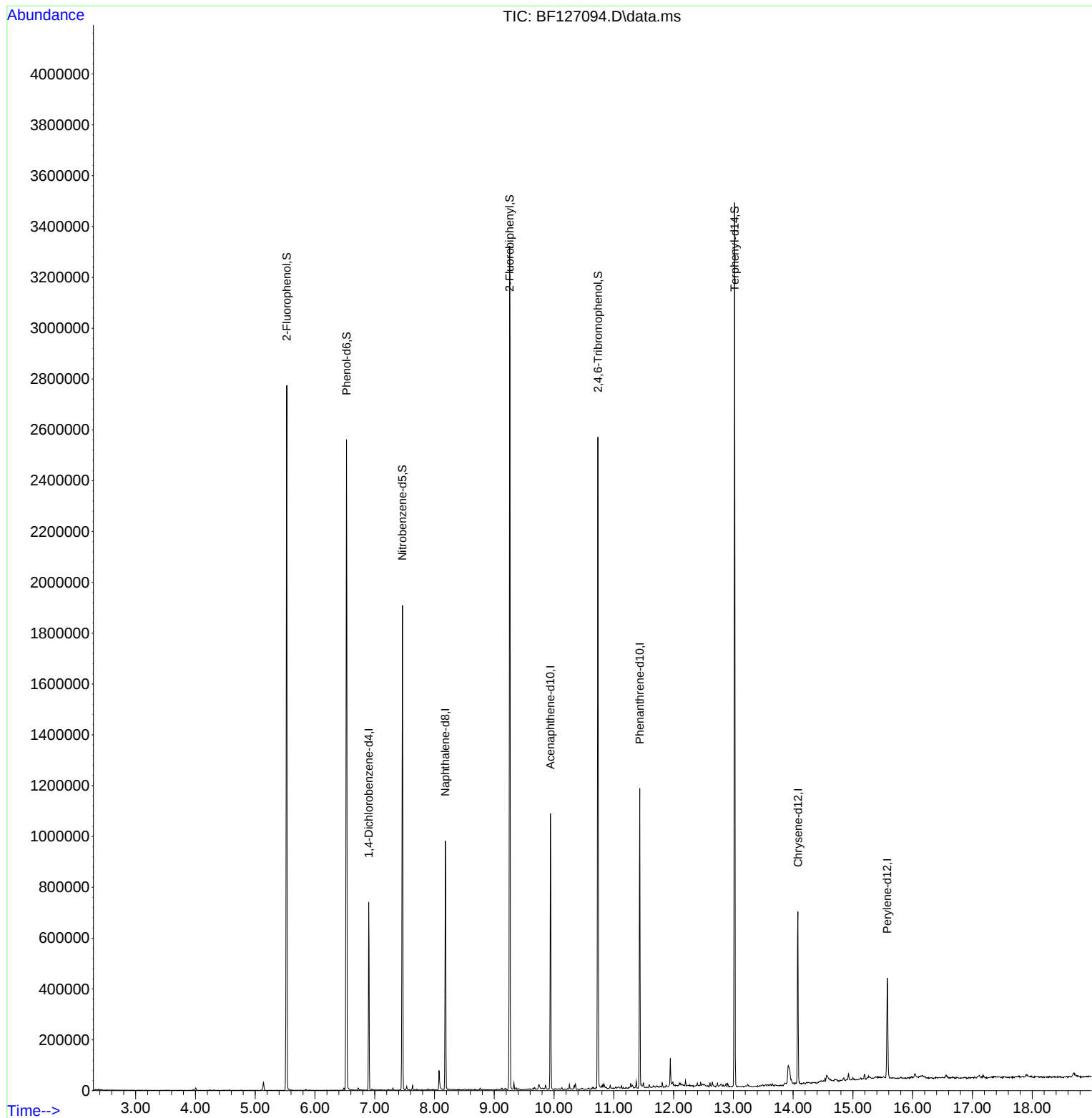
Target Compounds	Qvalue

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

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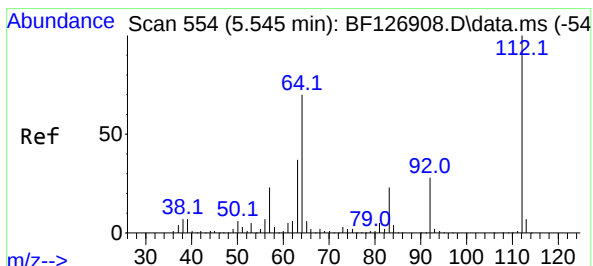
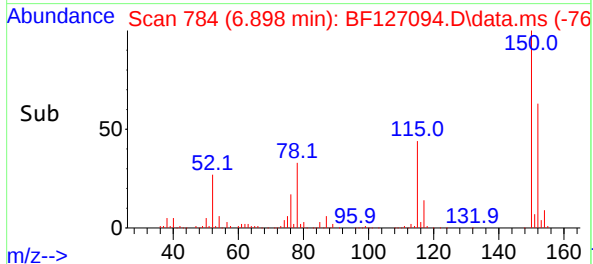
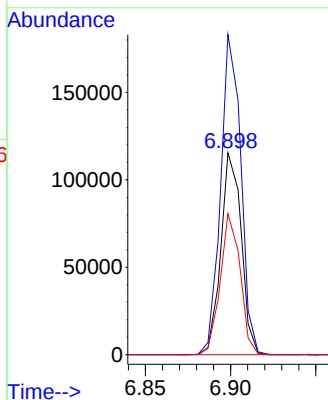
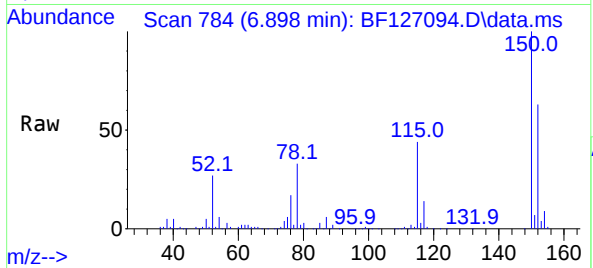




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

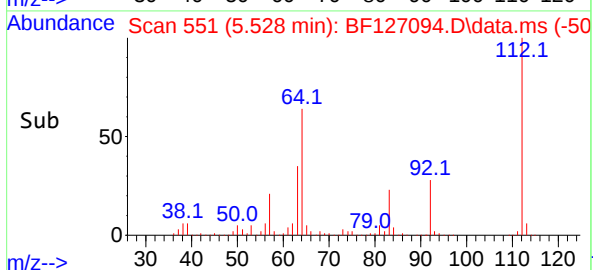
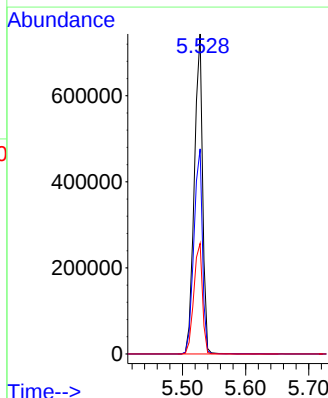
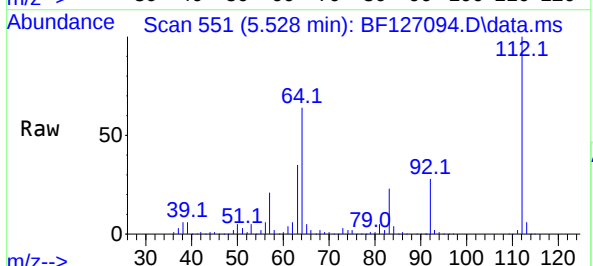
Instrument :
BNA_F
ClientSampleId :
TP-7

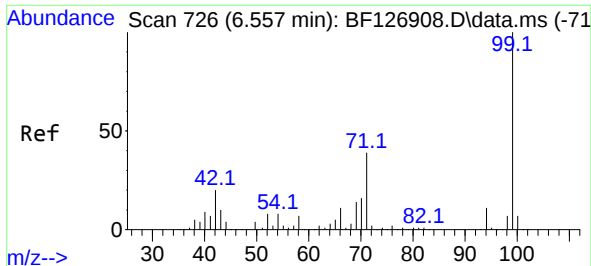
Tgt Ion:152 Resp: 95923
Ion Ratio Lower Upper
152 100
150 158.7 128.1 192.1
115 69.9 56.7 85.1



#5
2-Fluorophenol
Concen: 108.811 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.000 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion:112 Resp: 675313
Ion Ratio Lower Upper
112 100
64 64.1 49.5 74.3
63 34.5 23.9 35.9

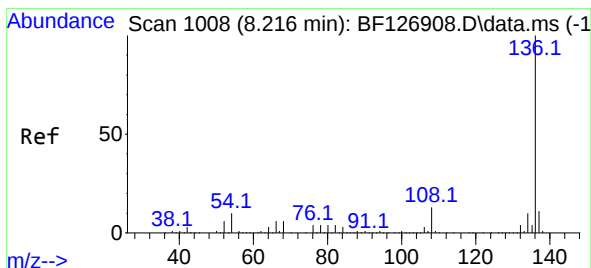
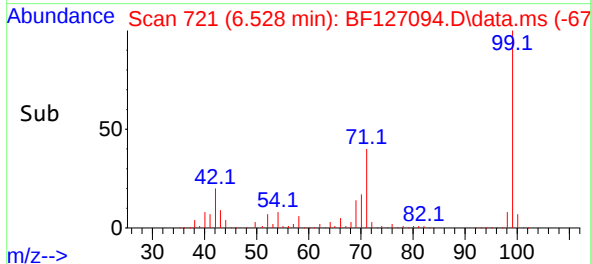
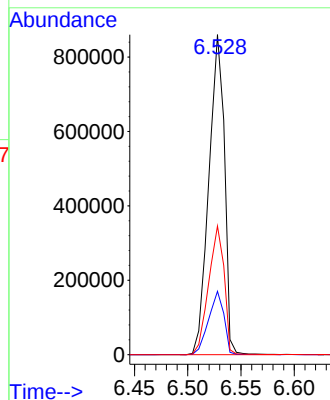
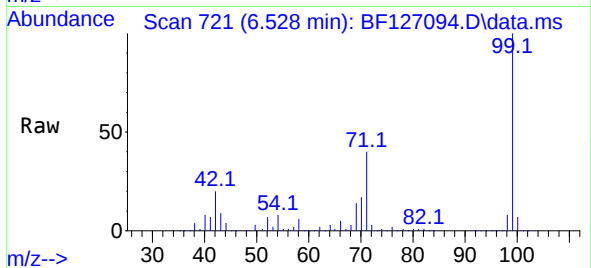




#7
Phenol-d6
Concen: 105.049 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

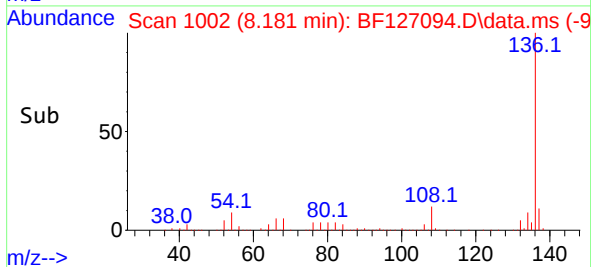
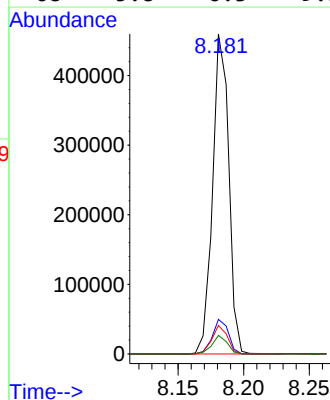
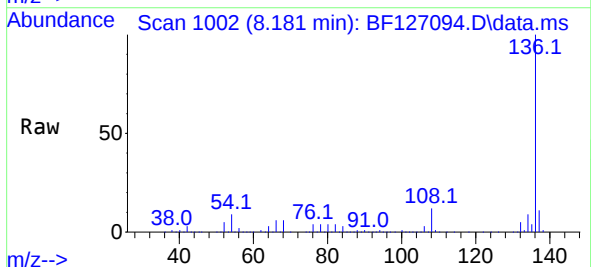
Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion: 99 Resp: 879737
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 40.2 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion:136 Resp: 393787
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.8 11.6
68 5.8 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 70.884 ng

RT: 7.463 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

Instrument :

BNA_F

ClientSampleId :

TP-7

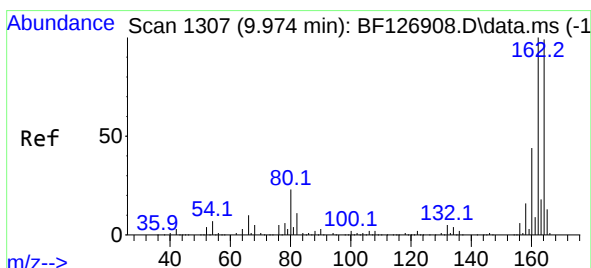
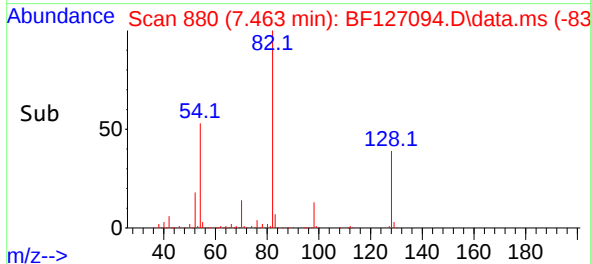
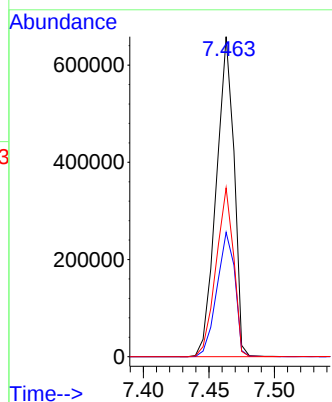
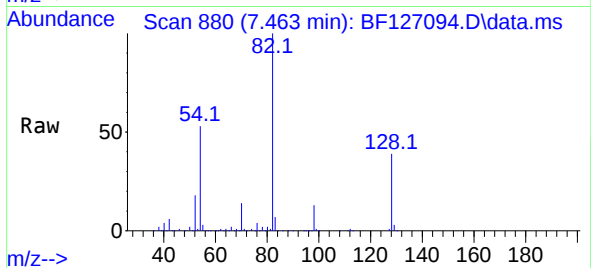
Tgt Ion: 82 Resp: 618406

Ion Ratio Lower Upper

82 100

128 38.8 32.7 49.1

54 52.8 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

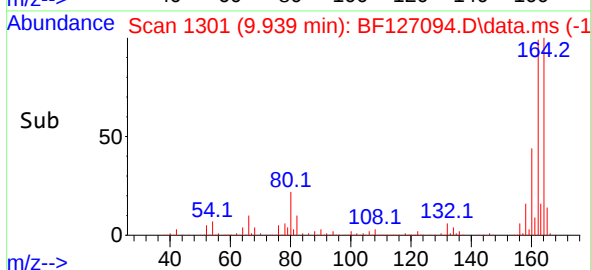
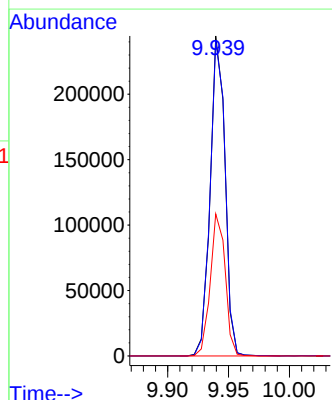
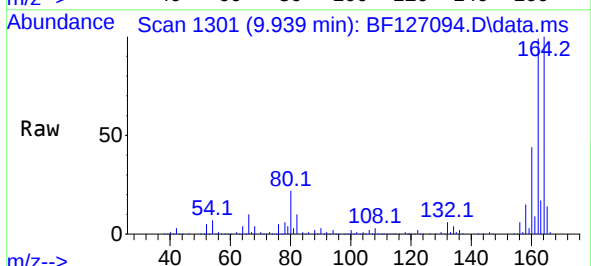
Tgt Ion:164 Resp: 205986

Ion Ratio Lower Upper

164 100

162 98.5 81.4 122.0

160 44.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 117.858 ng

RT: 10.734 min Scan# 1442

Delta R.T. -0.012 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

Instrument :

BNA_F

ClientSampleId :

TP-7

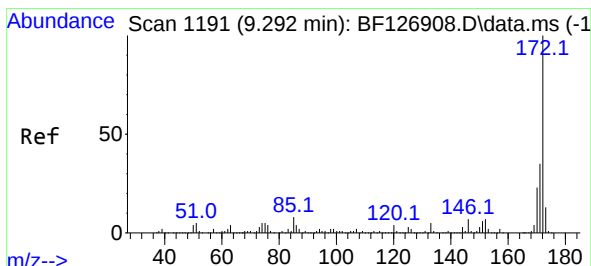
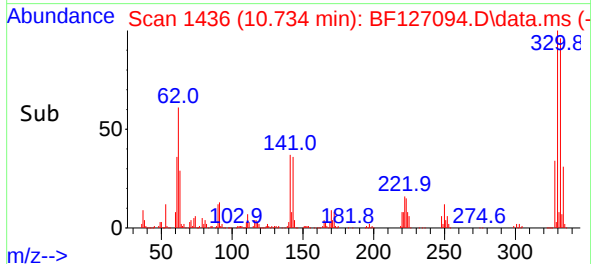
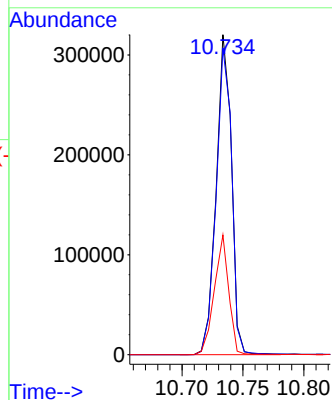
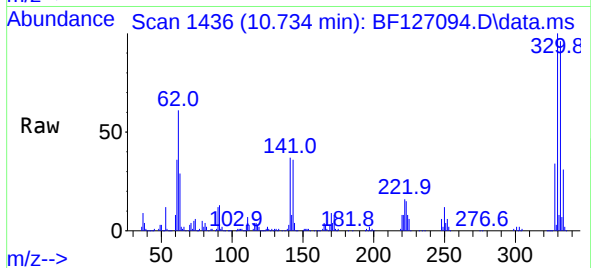
Tgt Ion:330 Resp: 279518

Ion Ratio Lower Upper

330 100

332 97.9 76.0 114.0

141 35.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 69.640 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BF127094.D

Acq: 28 Feb 2022 12:31

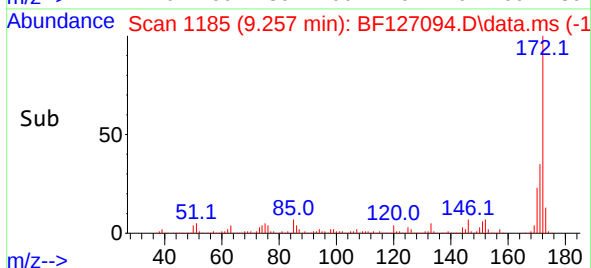
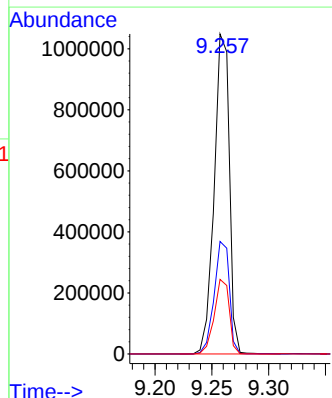
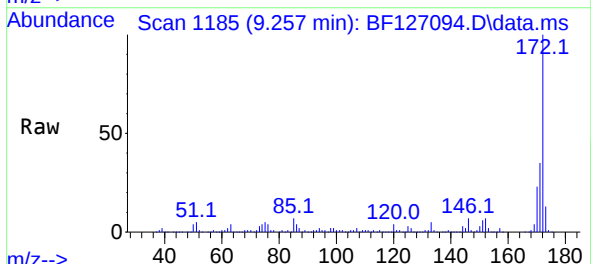
Tgt Ion:172 Resp: 974418

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6

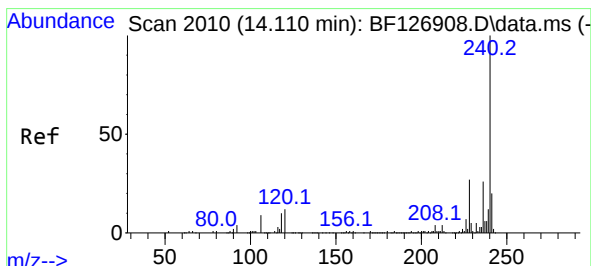
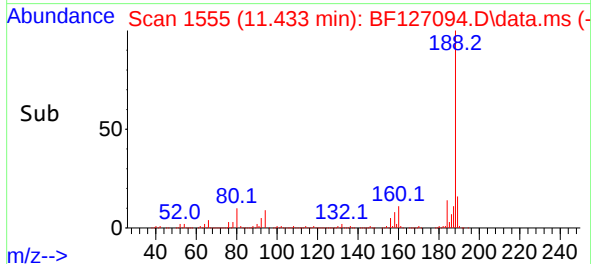
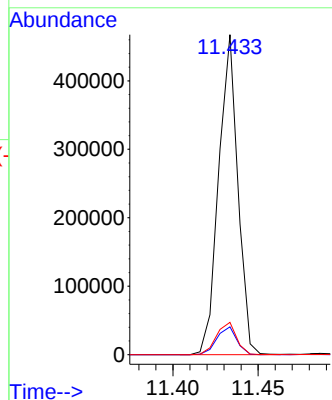
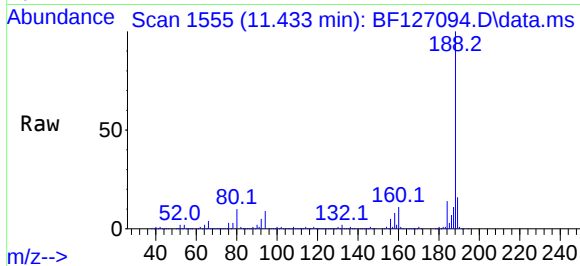




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

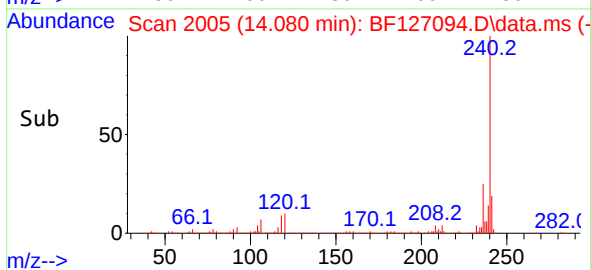
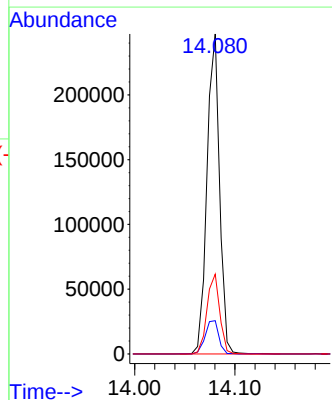
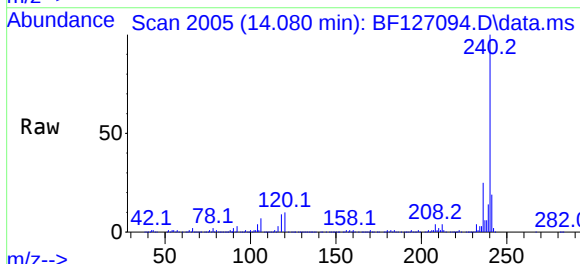
Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:188 Resp: 367149
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.1 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127094.D
Acq: 28 Feb 2022 12:31

Tgt Ion:240 Resp: 216156
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.0 20.5 30.7

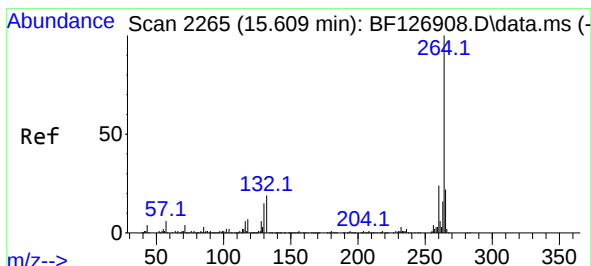
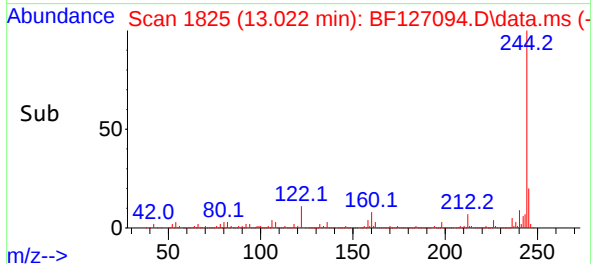
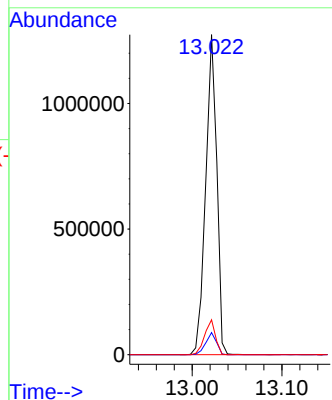
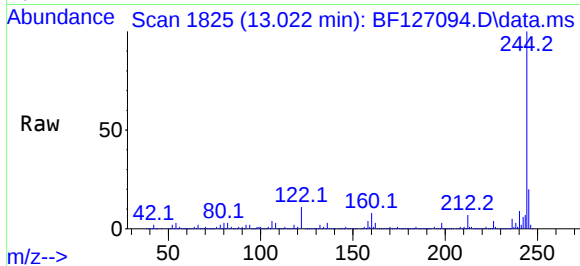




#79
 Terphenyl-d14
 Concen: 74.232 ng
 RT: 13.022 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127094.D
 Acq: 28 Feb 2022 12:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 1091513
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.012 min
 Lab File: BF127094.D
 Acq: 28 Feb 2022 12:31

Tgt Ion:264 Resp: 165589
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.0 17.4 26.2

