

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127385.D
 Acq On : 17 Mar 2022 19:41
 Operator : CG\JU
 Sample : N1956-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPK-4

Quant Time: Mar 18 04:40:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

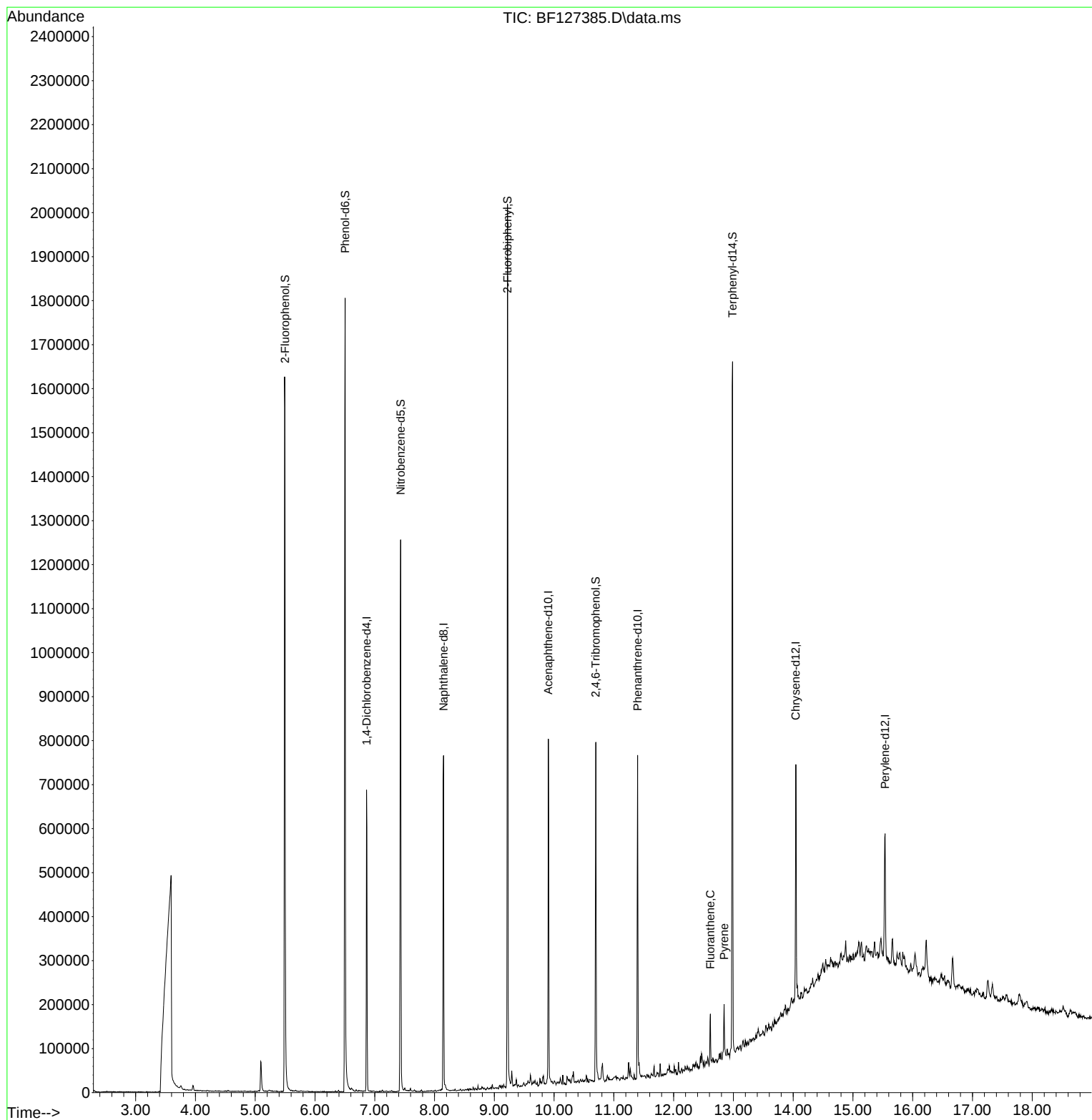
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	95641	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	312138	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	150933	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	245059	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	180371	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	128681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	410413	68.983	ng	0.00
7) Phenol-d6	6.504	99	561866	68.651	ng	0.00
23) Nitrobenzene-d5	7.434	82	378451	50.072	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	78495	48.311	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	583543	54.661	ng	-0.01
79) Terphenyl-d14	12.986	244	571168	54.528	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.616	202	42510	2.939	ng	91
78) Pyrene	12.845	202	38803	2.762	ng	97

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

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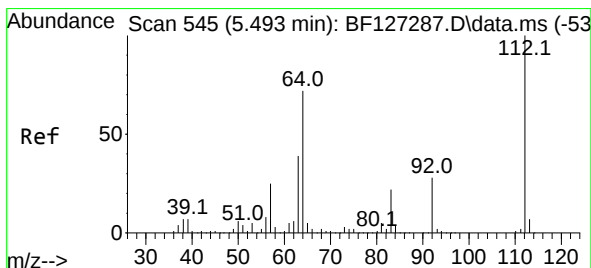
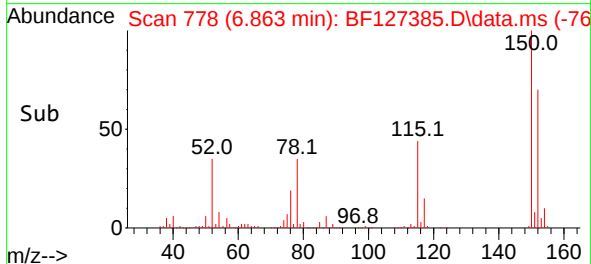
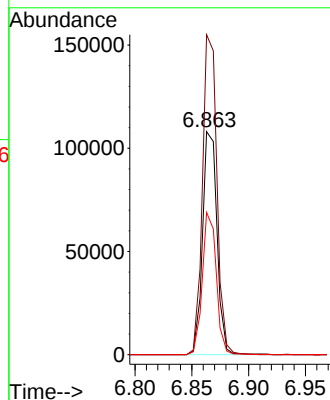
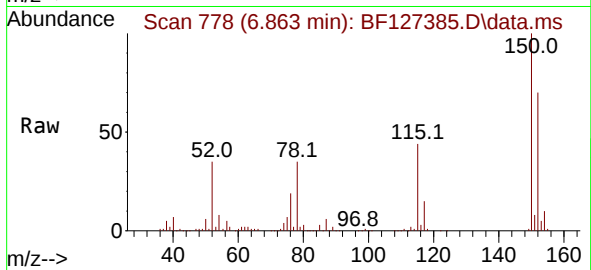




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

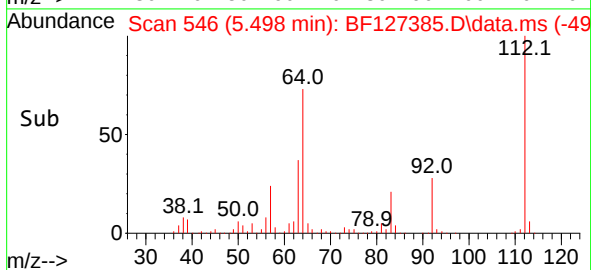
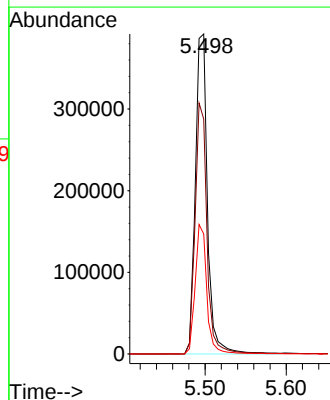
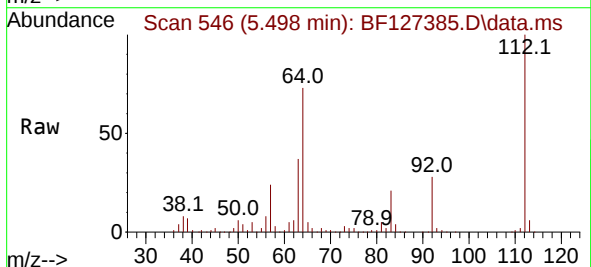
Instrument :
BNA_F
ClientSampleId :
TPK-4

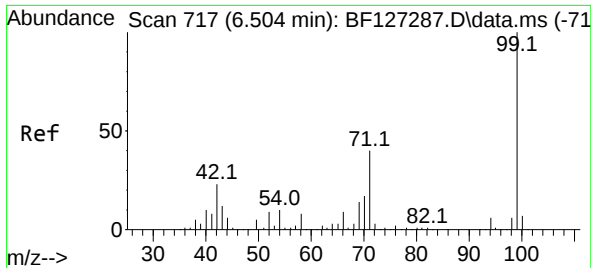
Tgt Ion:152 Resp: 95641
Ion Ratio Lower Upper
152 100
150 143.4 128.1 192.1
115 63.8 56.7 85.1



#5
2-Fluorophenol
Concen: 68.983 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion:112 Resp: 410413
Ion Ratio Lower Upper
112 100
64 73.4 49.5 74.3
63 37.5 23.9 35.9#





#7

Phenol-d6

Concen: 68.651 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

Instrument :

BNA_F

ClientSampleId :

TPK-4

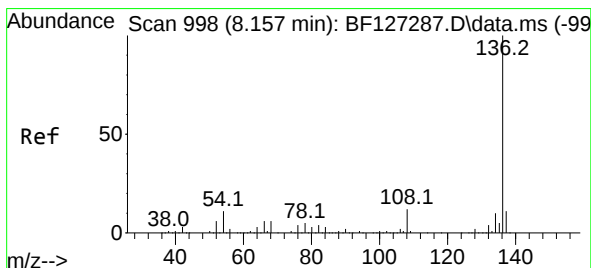
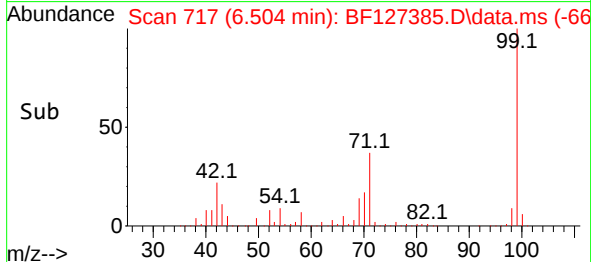
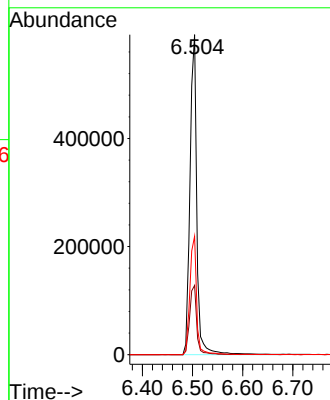
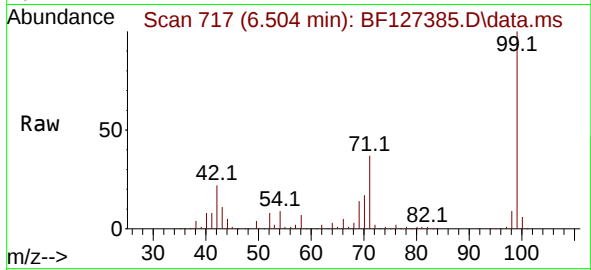
Tgt Ion: 99 Resp: 561866

Ion Ratio Lower Upper

99 100

42 21.7 14.2 21.4#

71 37.0 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

Tgt Ion: 136 Resp: 312138

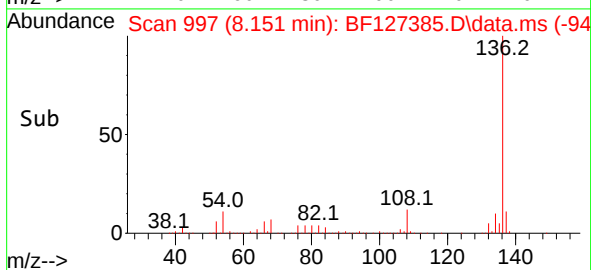
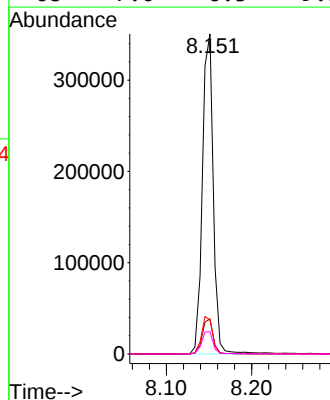
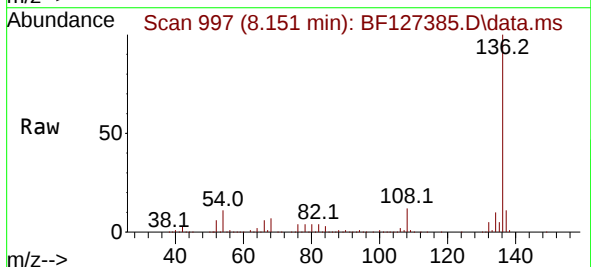
Ion Ratio Lower Upper

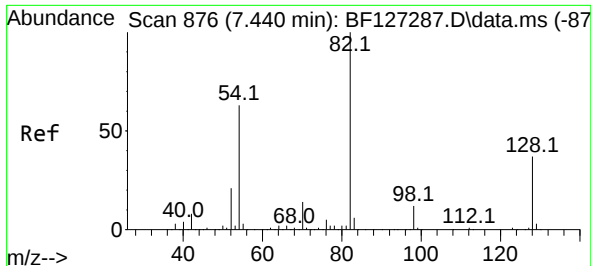
136 100

137 10.9 8.6 13.0

54 10.7 7.8 11.6

68 7.0 6.3 9.5

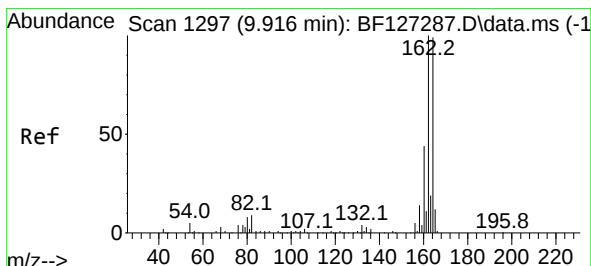
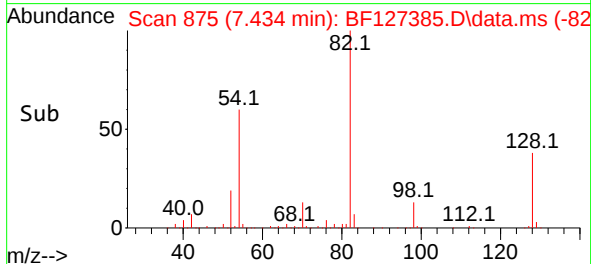
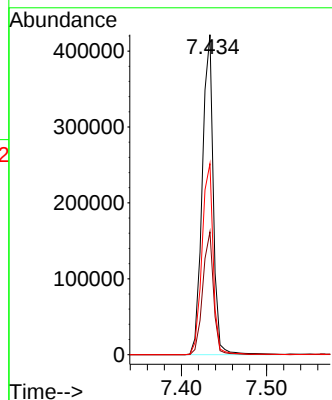
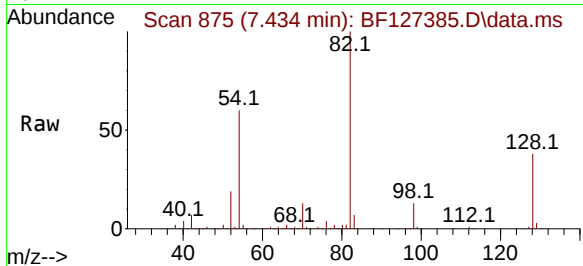




#23
Nitrobenzene-d5
Concen: 50.072 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

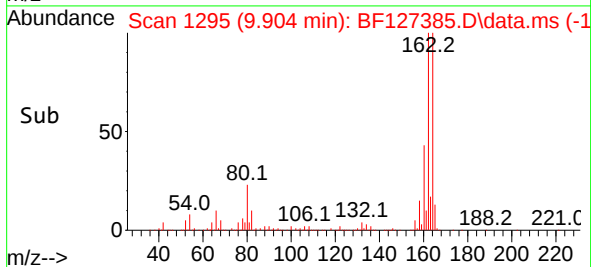
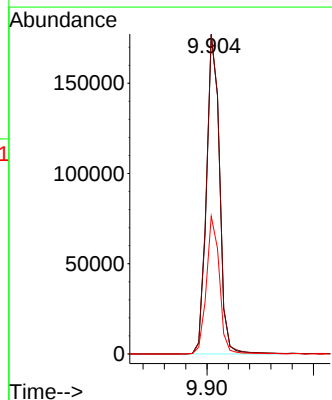
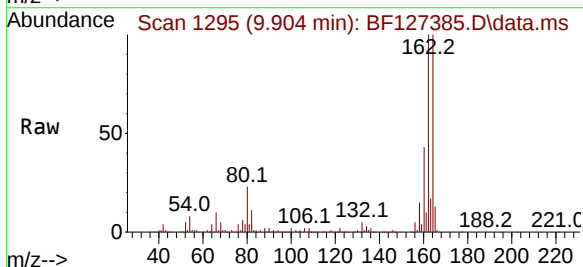
Instrument :
BNA_F
ClientSampleId :
TPK-4

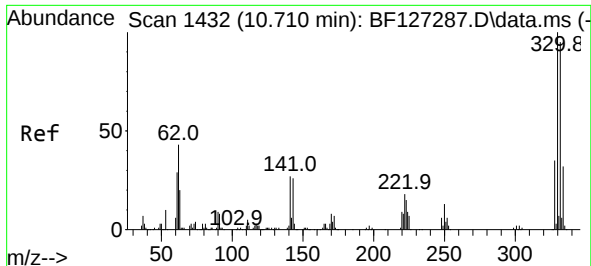
Tgt Ion: 82 Resp: 378451
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 59.7 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion: 164 Resp: 150933
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 48.311 ng

RT: 10.698 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

Instrument :

BNA_F

ClientSampleId :

TPK-4

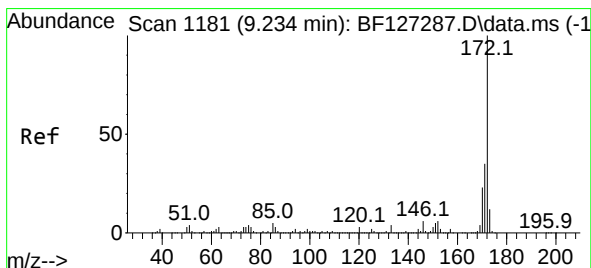
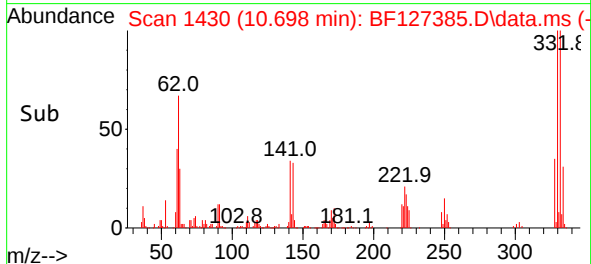
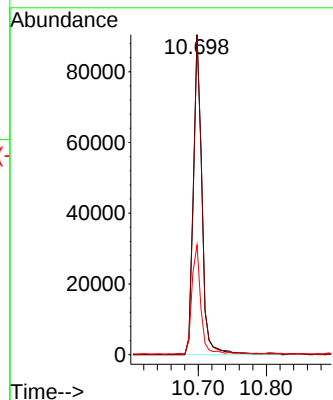
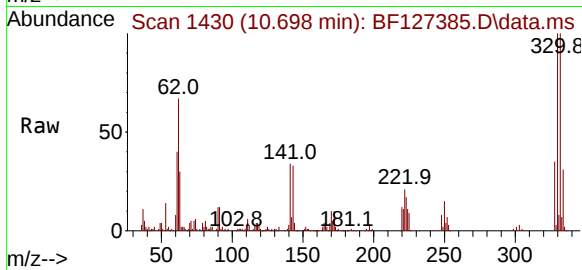
Tgt Ion:330 Resp: 78495

Ion Ratio Lower Upper

330 100

332 98.8 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 54.661 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

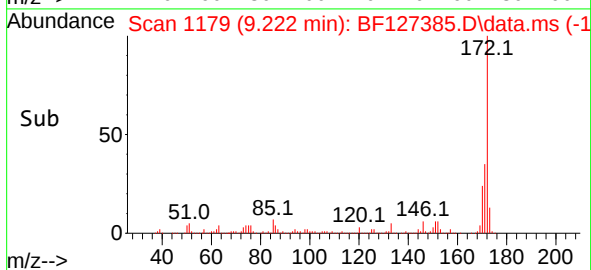
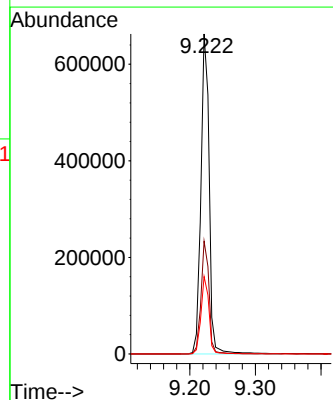
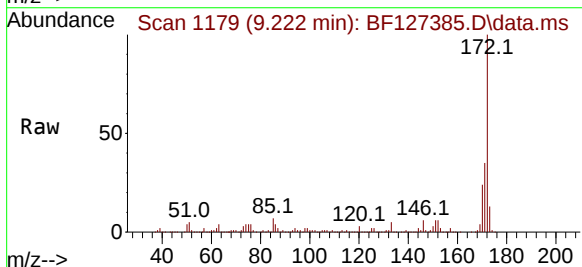
Tgt Ion:172 Resp: 583543

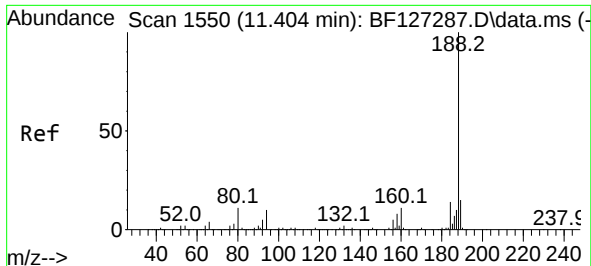
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 24.2 19.0 28.6

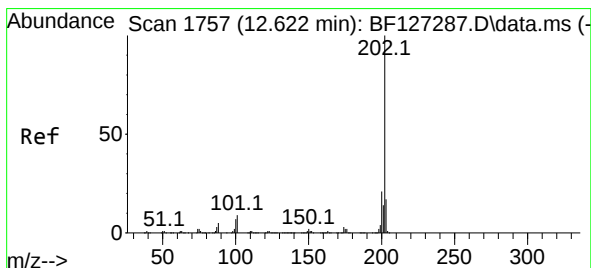
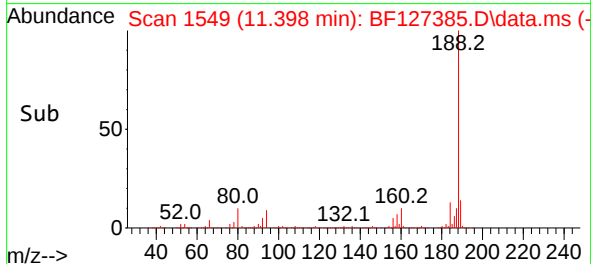
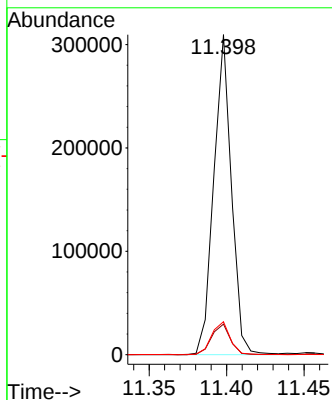
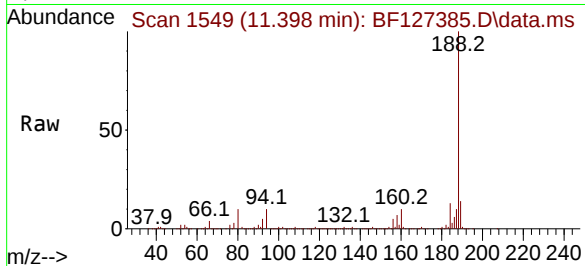




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

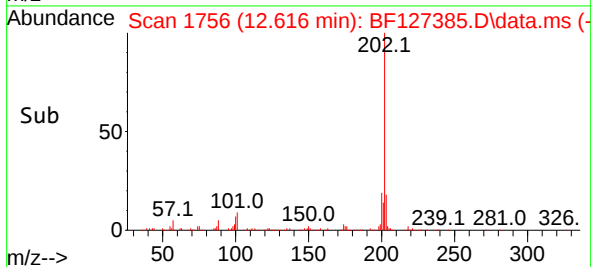
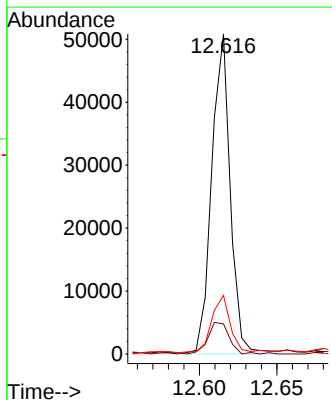
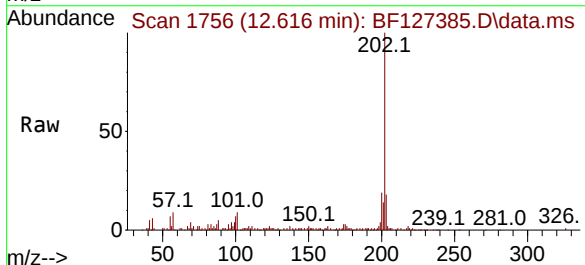
Instrument :
BNA_F
ClientSampleId :
TPK-4

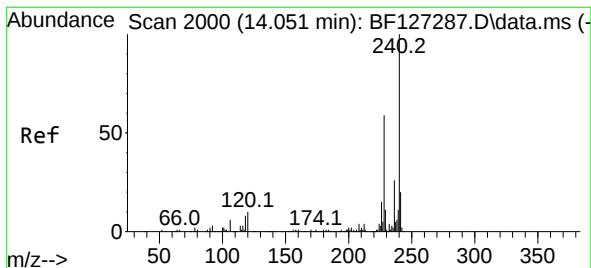
Tgt Ion:188 Resp: 245059
Ion Ratio Lower Upper
188 100
94 9.6 10.1 15.1#
80 10.3 11.8 17.6#



#75
Fluoranthene
Concen: 2.939 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF127385.D
Acq: 17 Mar 2022 19:41

Tgt Ion:202 Resp: 42510
Ion Ratio Lower Upper
202 100
101 9.4 0.0 35.7
203 18.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

Instrument :

BNA_F

ClientSampleId :

TPK-4

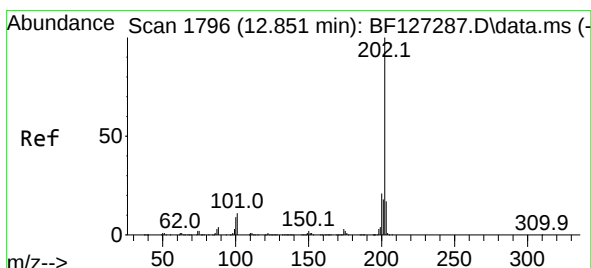
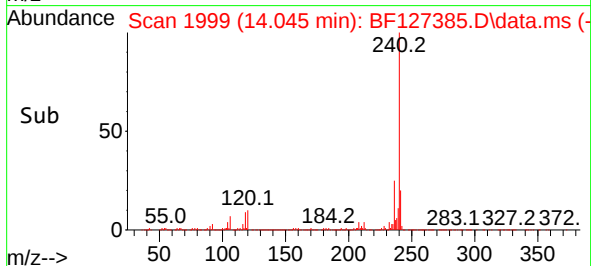
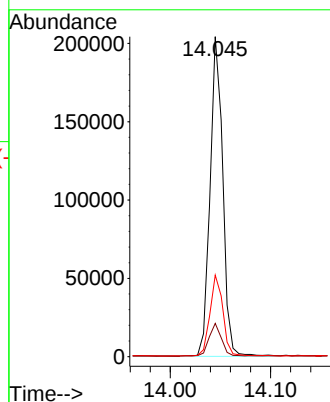
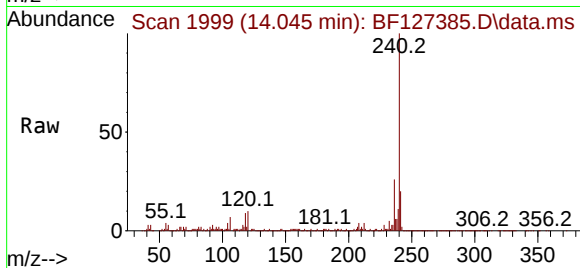
Tgt Ion:240 Resp: 180371

Ion Ratio Lower Upper

240 100

120 10.4 14.4 21.6#

236 25.5 20.5 30.7



#78

Pyrene

Concen: 2.762 ng

RT: 12.845 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF127385.D

Acq: 17 Mar 2022 19:41

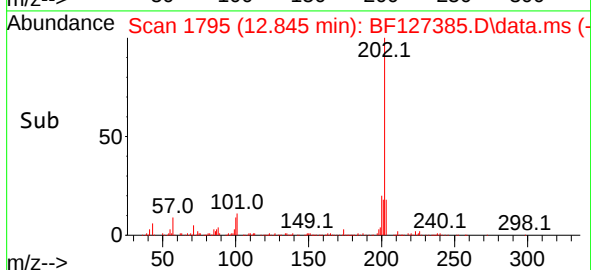
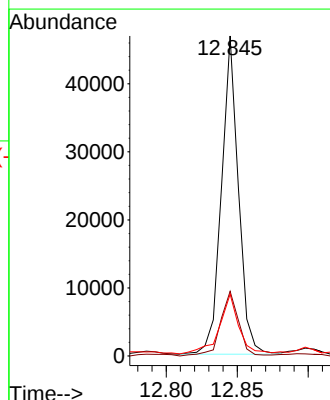
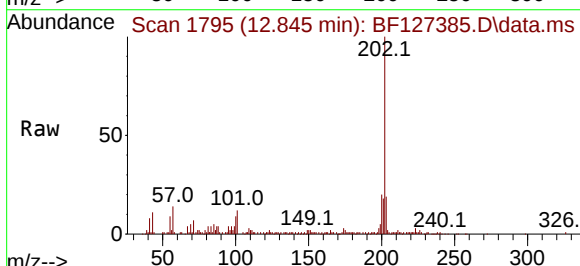
Tgt Ion:202 Resp: 38803

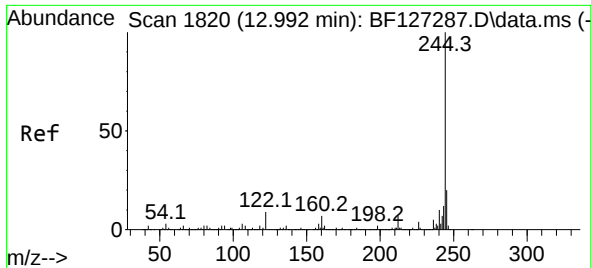
Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

203 19.3 13.8 20.8

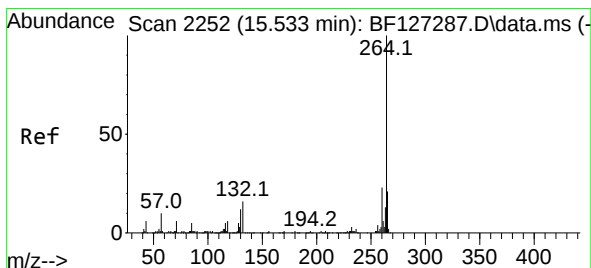
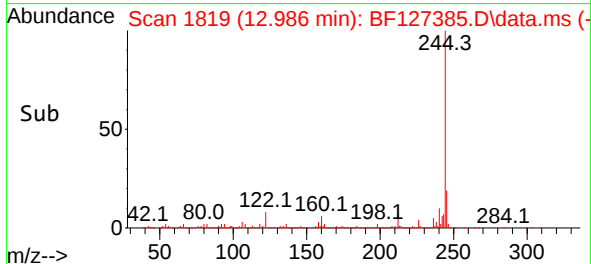
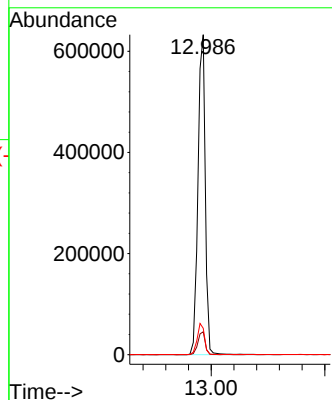
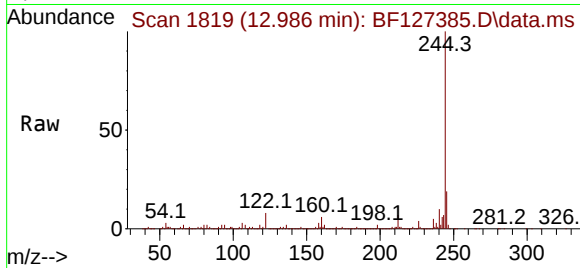




#79
 Terphenyl-d14
 Concen: 54.528 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127385.D
 Acq: 17 Mar 2022 19:41

Instrument :
 BNA_F
 ClientSampleId :
 TPK-4

Tgt Ion:244 Resp: 571168
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 8.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. 0.006 min
 Lab File: BF127385.D
 Acq: 17 Mar 2022 19:41

Tgt Ion:264 Resp: 128681
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 22.4 17.4 26.2

