

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031522\
 Data File : BF127327.D
 Acq On : 15 Mar 2022 16:36
 Operator : CG\JU
 Sample : PB143285TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143285TB

Quant Time: Mar 16 05:29:23 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	123523	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	446537	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	260330	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	477686	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	364185	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	269459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	924353	120.298	ng	0.02
7) Phenol-d6	6.504	99	1259923	119.194	ng	0.00
23) Nitrobenzene-d5	7.434	82	908051	83.981	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	353930	126.294	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1531124	83.152	ng	0.00
79) Terphenyl-d14	12.992	244	1776301	83.987	ng	0.00

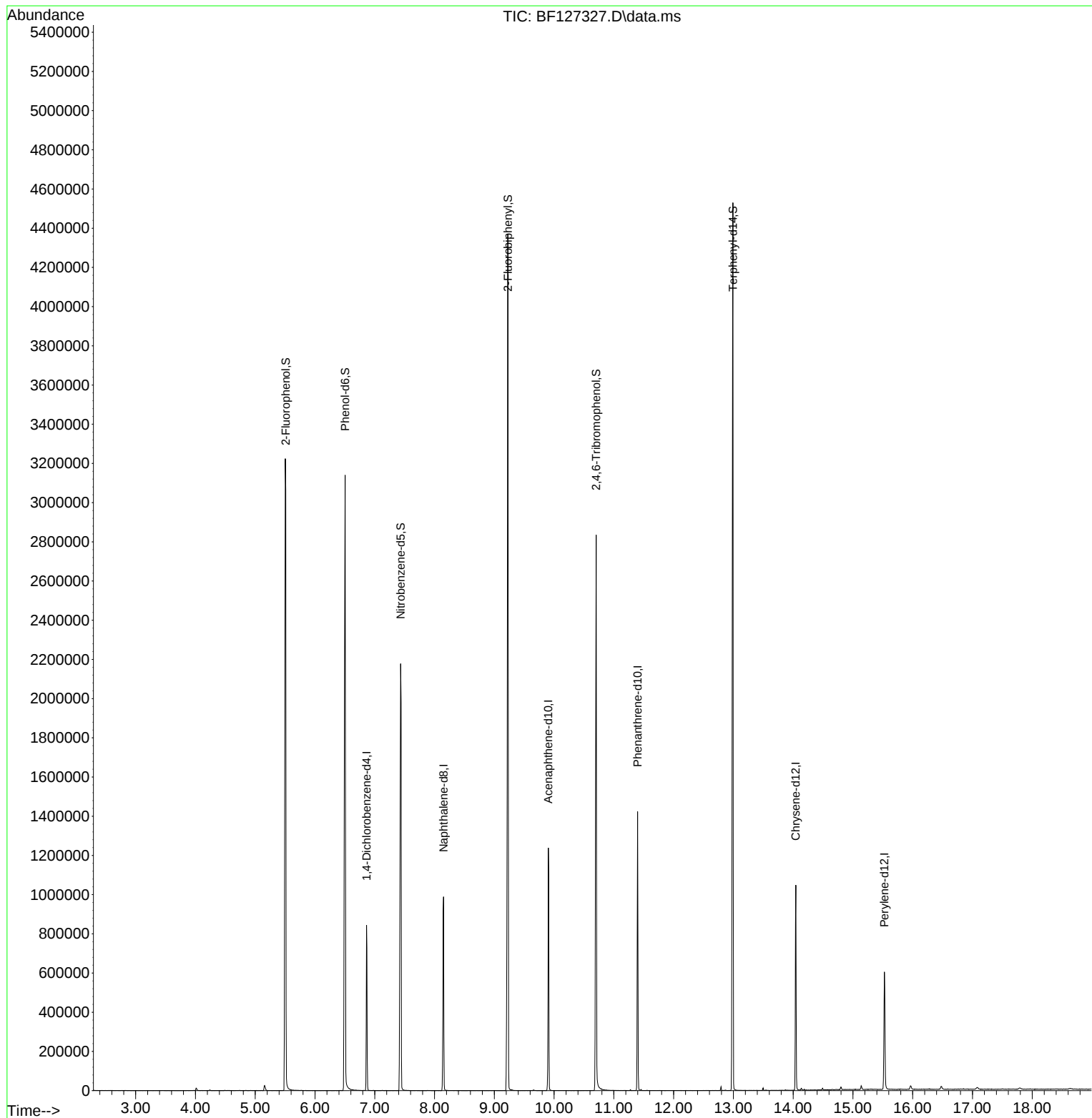
Target Compounds	Qvalue

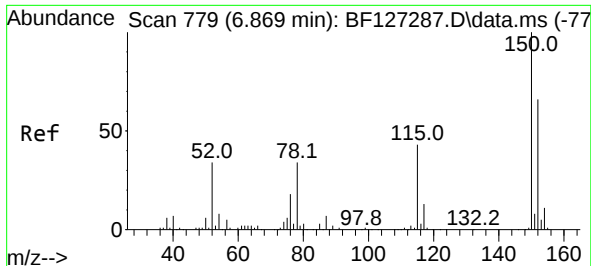
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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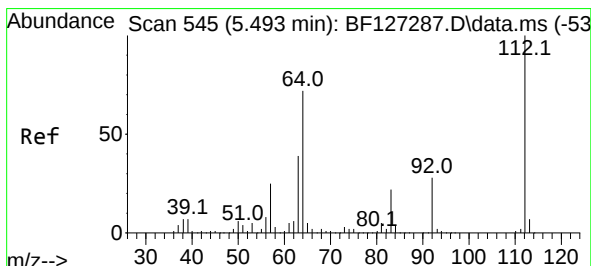
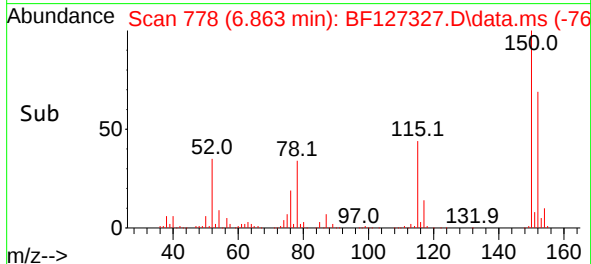
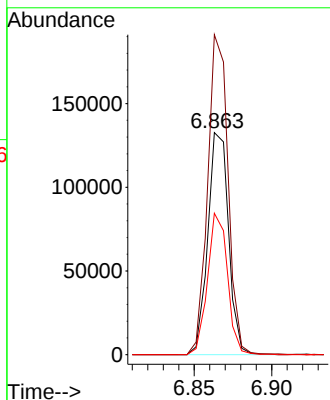
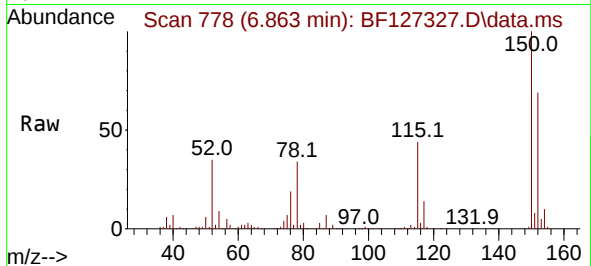




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

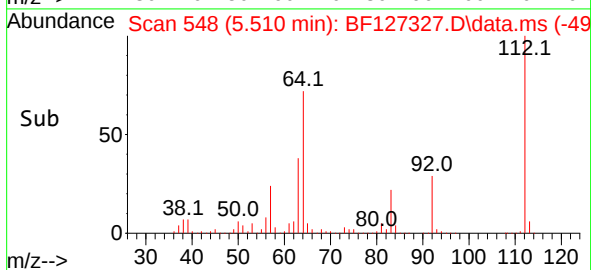
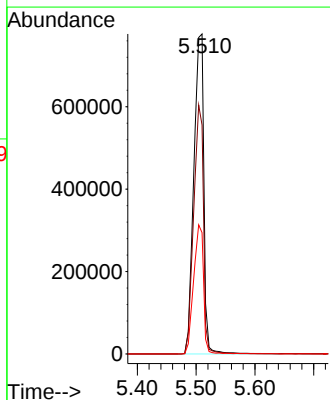
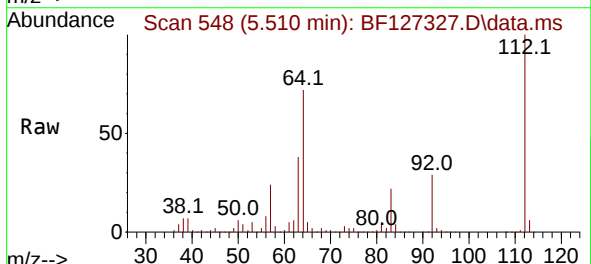
Instrument :
BNA_F
ClientSampleId :
PB143285TB

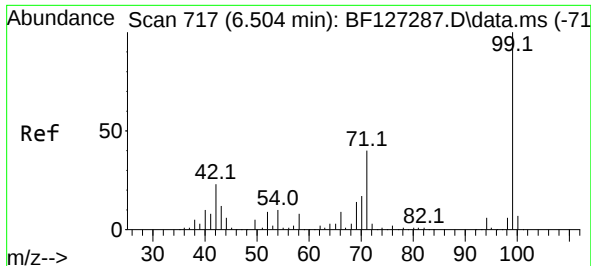
Tgt Ion:152 Resp: 123523
Ion Ratio Lower Upper
152 100
150 144.1 128.1 192.1
115 63.7 56.7 85.1



#5
2-Fluorophenol
Concen: 120.298 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.017 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

Tgt Ion:112 Resp: 924353
Ion Ratio Lower Upper
112 100
64 71.6 49.5 74.3
63 37.9 23.9 35.9#

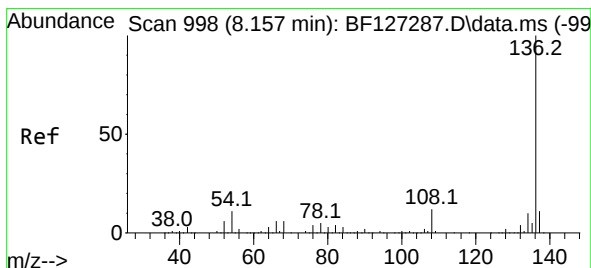
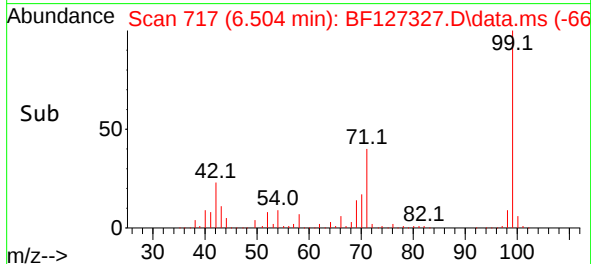
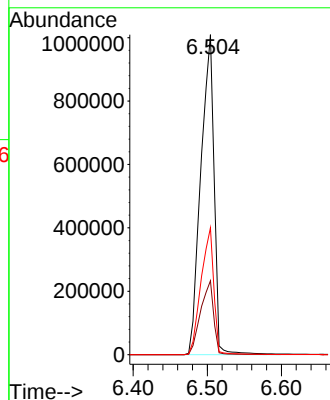
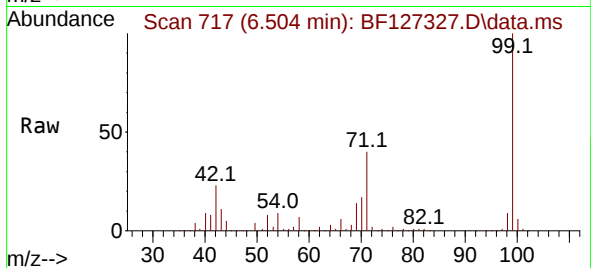




#7
Phenol-d6
Concen: 119.194 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

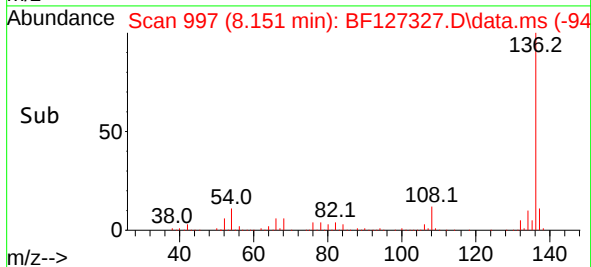
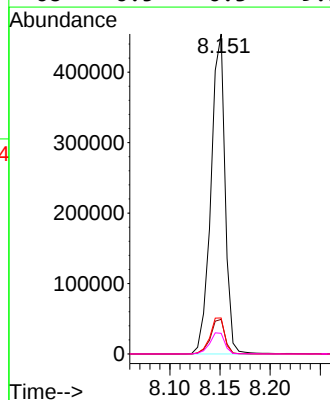
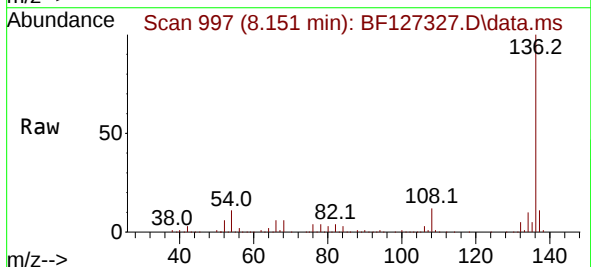
Instrument :
BNA_F
ClientSampleId :
PB143285TB

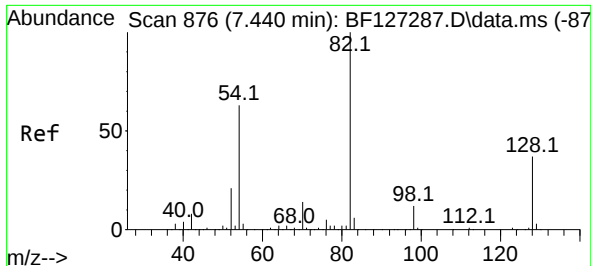
Tgt Ion: 99 Resp: 1259923
Ion Ratio Lower Upper
99 100
42 23.1 14.2 21.4#
71 39.7 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

Tgt Ion:136 Resp: 446537
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.3 7.8 11.6
68 6.5 6.3 9.5

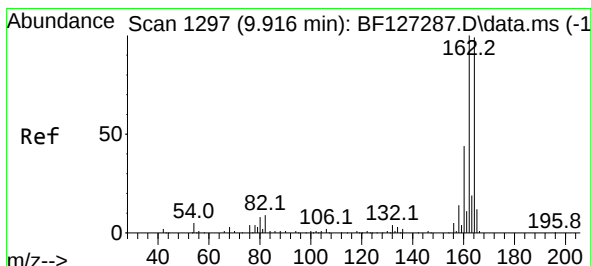
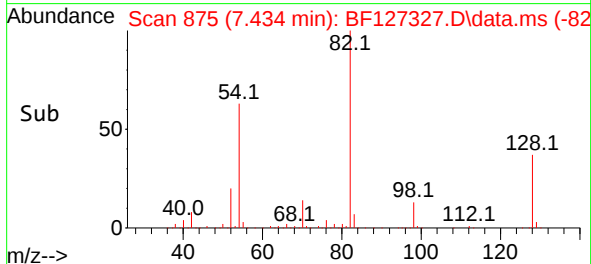
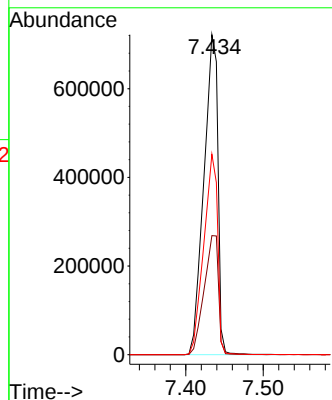
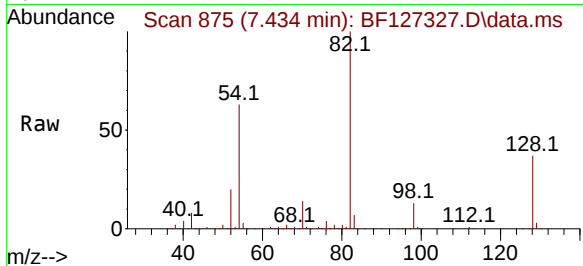




#23
Nitrobenzene-d5
Concen: 83.981 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

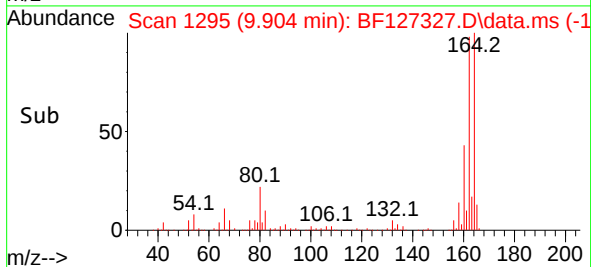
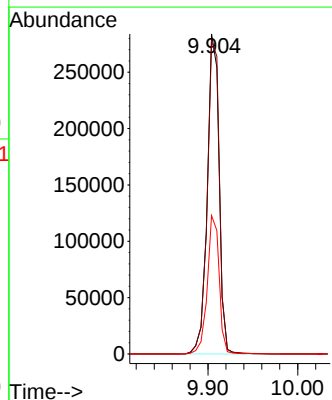
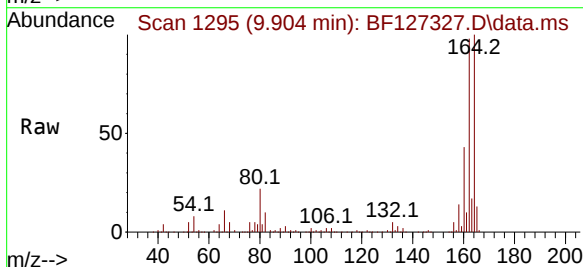
Instrument :
BNA_F
ClientSampleId :
PB143285TB

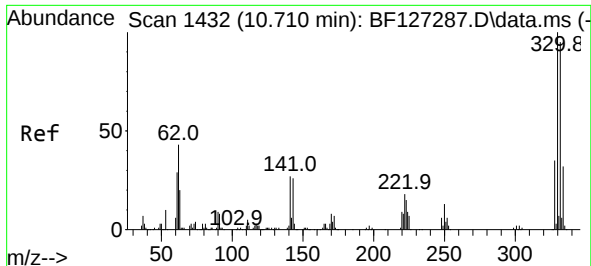
Tgt Ion: 82 Resp: 908051
Ion Ratio Lower Upper
82 100
128 37.2 32.7 49.1
54 62.7 41.7 62.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

Tgt Ion:164 Resp: 260330
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 126.294 ng

RT: 10.704 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

Instrument :

BNA_F

ClientSampleId :

PB143285TB

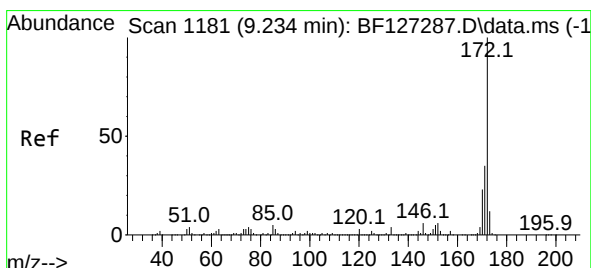
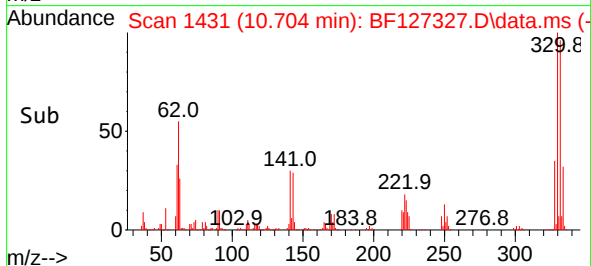
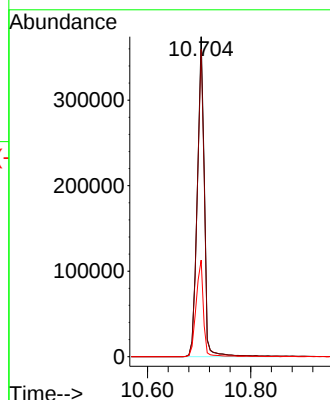
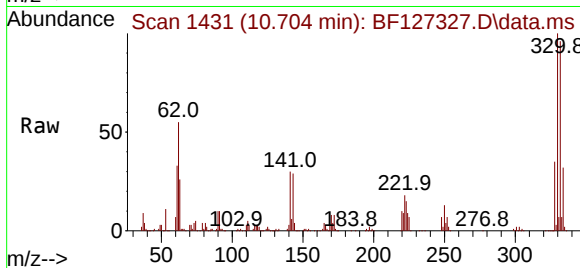
Tgt Ion:330 Resp: 353930

Ion Ratio Lower Upper

330 100

332 97.1 76.0 114.0

141 31.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 83.152 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF127327.D

Acq: 15 Mar 2022 16:36

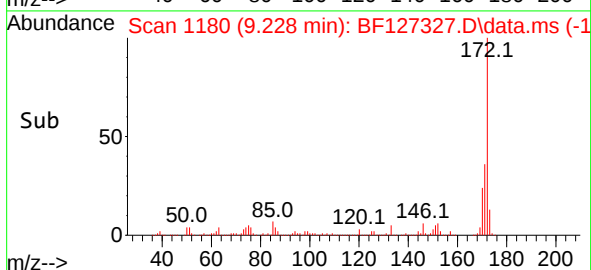
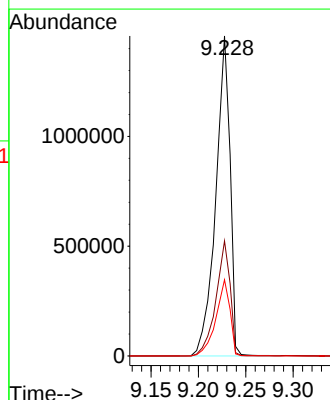
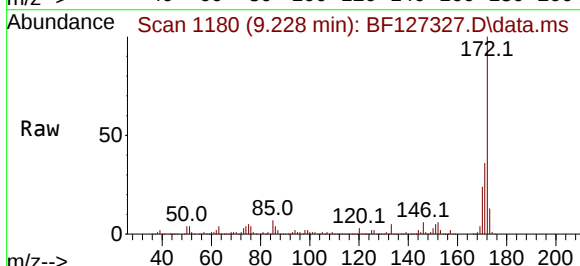
Tgt Ion:172 Resp: 1531124

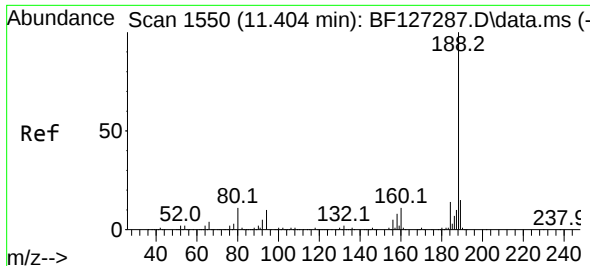
Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.8 19.0 28.6

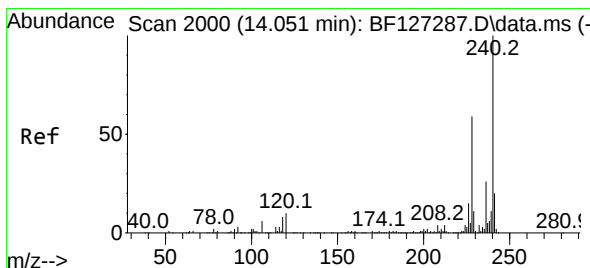
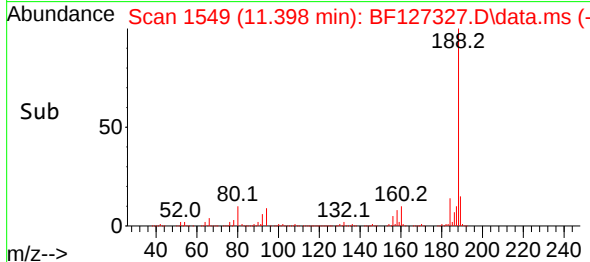
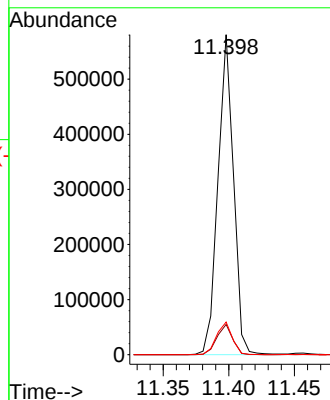
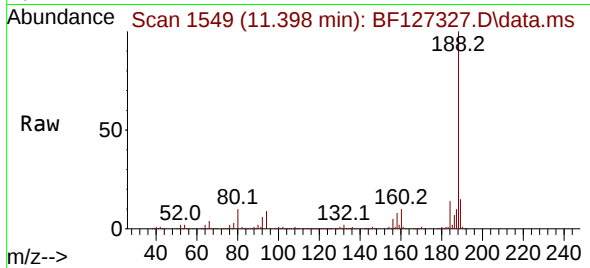




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

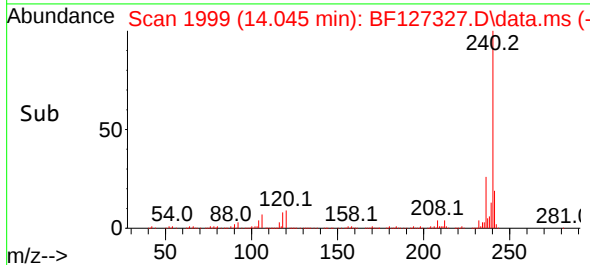
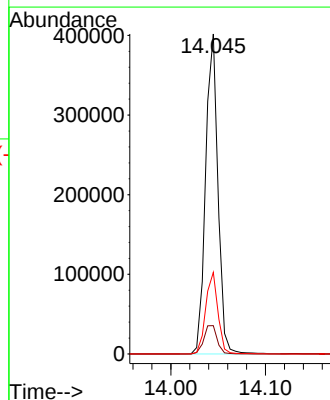
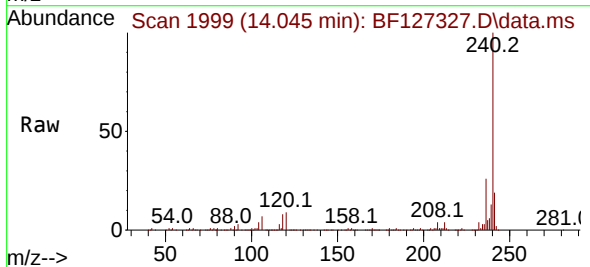
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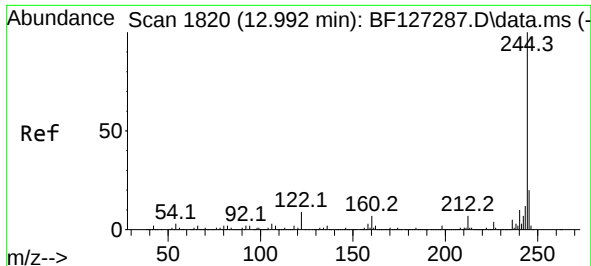
Tgt Ion:188 Resp: 477686
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.2 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127327.D
Acq: 15 Mar 2022 16:36

Tgt Ion:240 Resp: 364185
Ion Ratio Lower Upper
240 100
120 8.9 14.4 21.6#
236 25.5 20.5 30.7

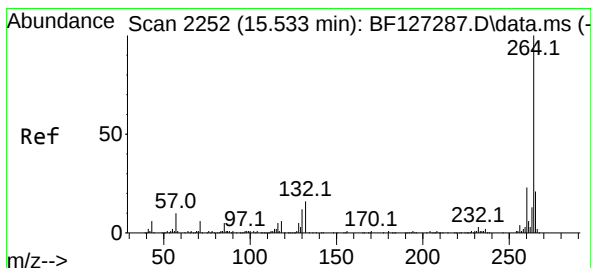
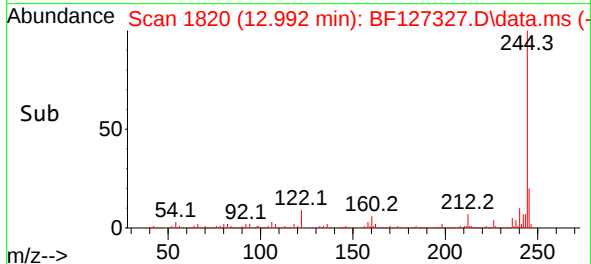
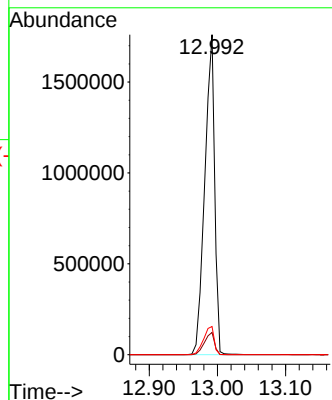
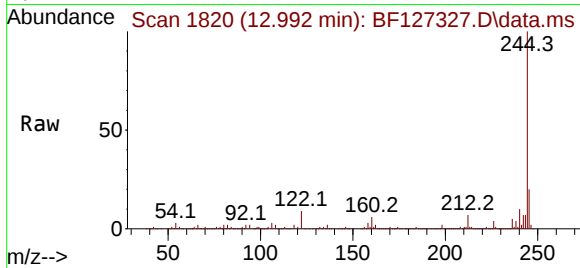




#79
 Terphenyl-d14
 Concen: 83.987 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127327.D
 Acq: 15 Mar 2022 16:36

Instrument :
 BNA_F
 ClientSampleId :
 PB143285TB

Tgt Ion:244 Resp: 1776301
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 8.8 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF127327.D
 Acq: 15 Mar 2022 16:36

Tgt Ion:264 Resp: 269459
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.8 17.4 26.2

