

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040722\
 Data File : BF127687.D
 Acq On : 07 Apr 2022 17:03
 Operator : CG\JU
 Sample : N2258-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-E5-DUP

Quant Time: Apr 07 17:23:04 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	115803	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	413896	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	243382	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	456543	20.000	ng	0.00
76) Chrysene-d12	14.145	240	353242	20.000	ng	-0.01
86) Perylene-d12	15.674	264	306792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	464861	65.228	ng	0.00
7) Phenol-d6	6.569	99	385984	41.400	ng	-0.01
23) Nitrobenzene-d5	7.528	82	785963	84.657	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	359632	138.857	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1366679	79.439	ng	0.00
79) Terphenyl-d14	13.092	244	1622674	75.823	ng	0.00

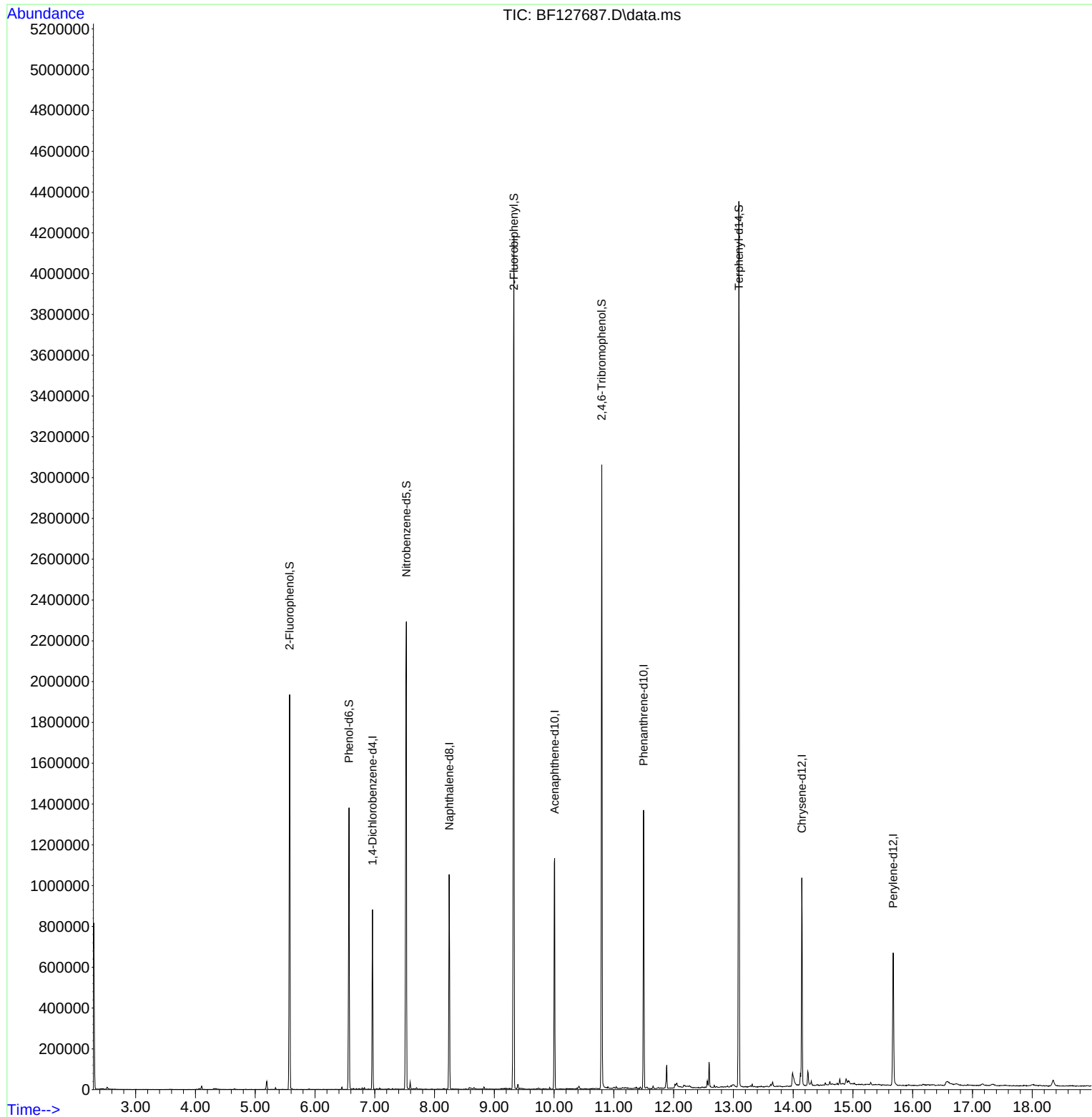
Target Compounds	Qvalue

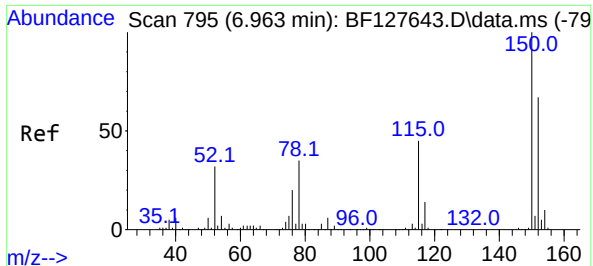
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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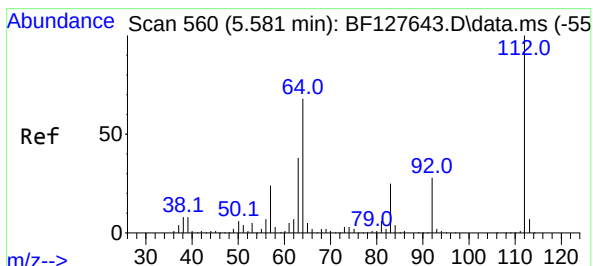
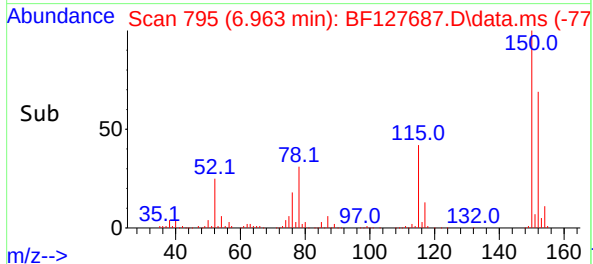
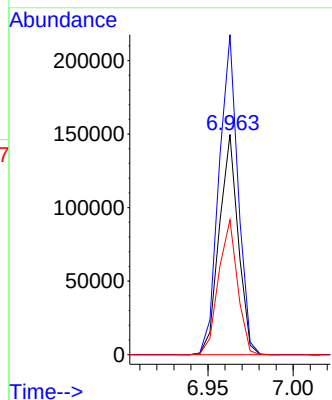
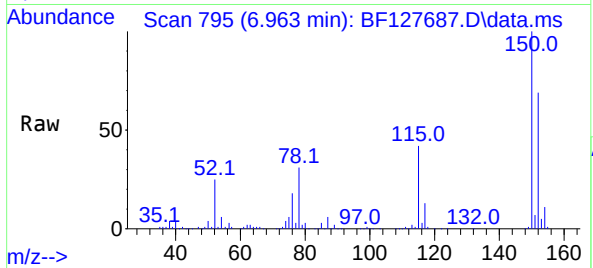




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127687.D
Acq: 07 Apr 2022 17:03

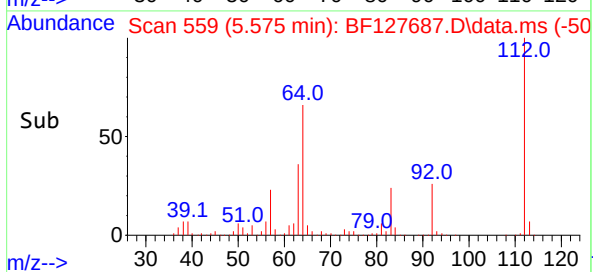
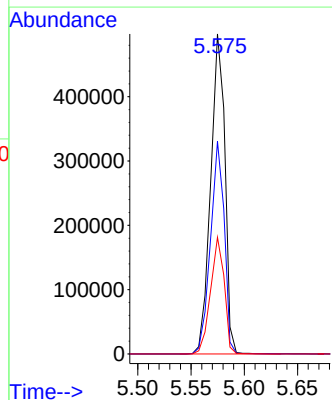
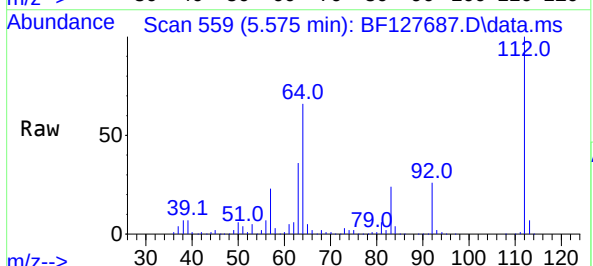
Instrument :
BNA_F
ClientSampleId :
TW-E5-DUP

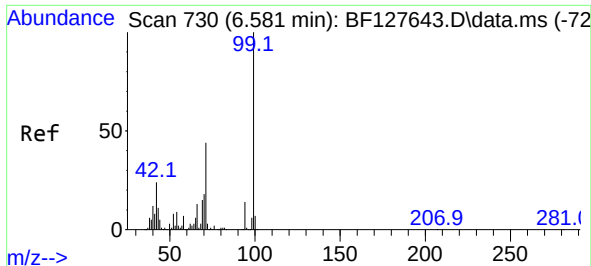
Tgt Ion:152 Resp: 115803
Ion Ratio Lower Upper
152 100
150 145.3 117.2 175.8
115 61.3 49.8 74.6



#5
2-Fluorophenol
Concen: 65.228 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127687.D
Acq: 07 Apr 2022 17:03

Tgt Ion:112 Resp: 464861
Ion Ratio Lower Upper
112 100
64 66.4 58.4 87.6
63 36.5 30.1 45.1

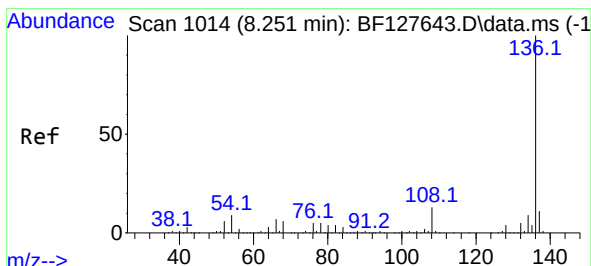
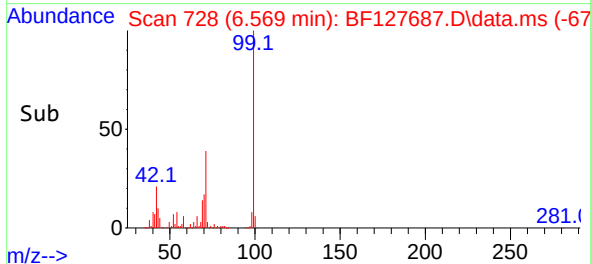
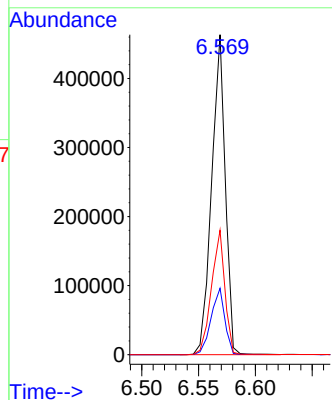
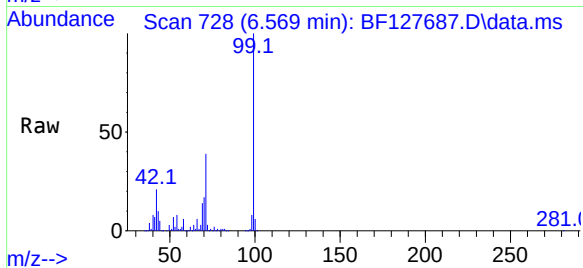




#7
Phenol-d6
Concen: 41.400 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127687.D
Acq: 07 Apr 2022 17:03

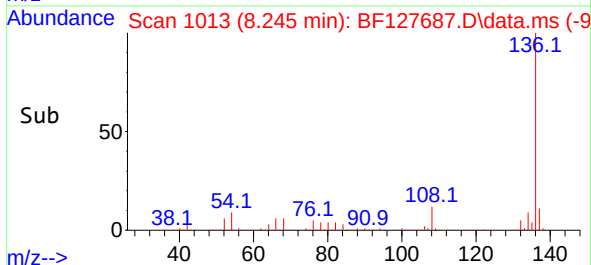
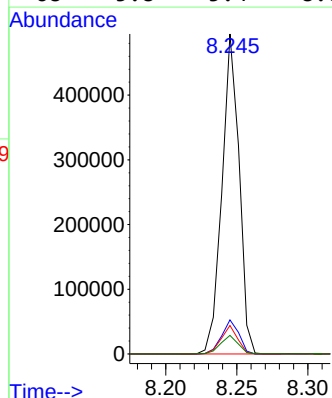
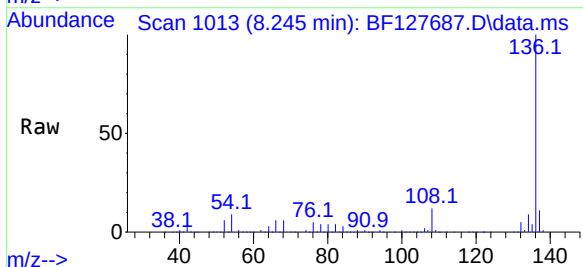
Instrument :
BNA_F
ClientSampleId :
TW-E5-DUP

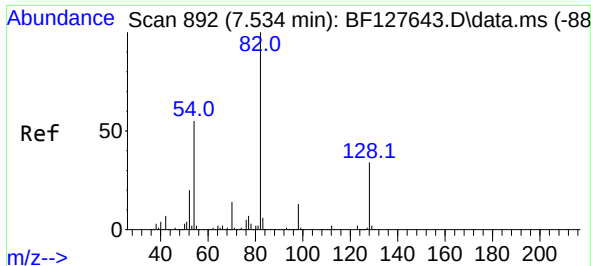
Tgt Ion: 99 Resp: 385984
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.6
71 38.9 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127687.D
Acq: 07 Apr 2022 17:03

Tgt Ion: 136 Resp: 413896
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 9.2 13.8#
68 5.8 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.657 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127687.D

Acq: 07 Apr 2022 17:03

Instrument :

BNA_F

ClientSampleId :

TW-E5-DUP

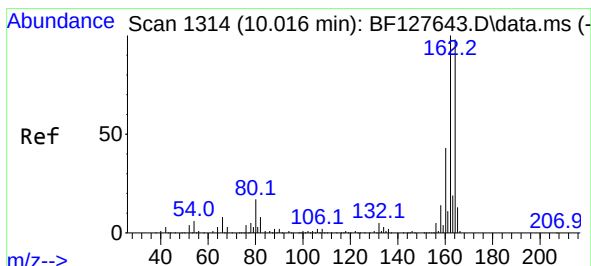
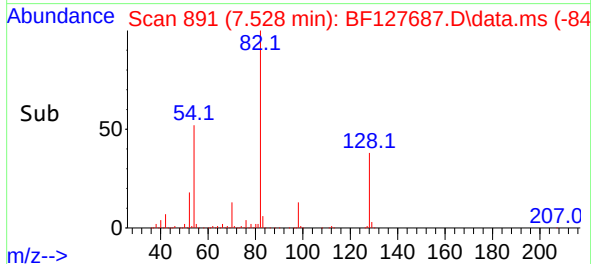
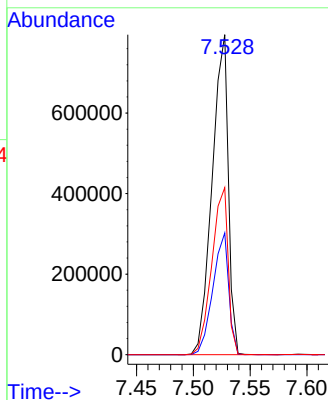
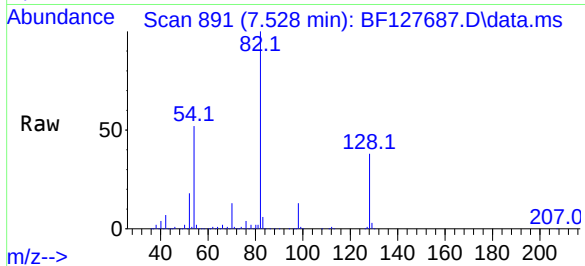
Tgt Ion: 82 Resp: 785963

Ion Ratio Lower Upper

82 100

128 38.0 30.6 45.8

54 52.2 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: BF127687.D

Acq: 07 Apr 2022 17:03

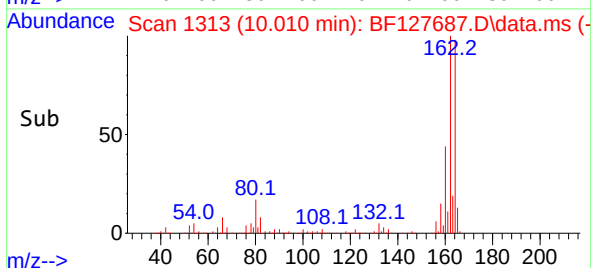
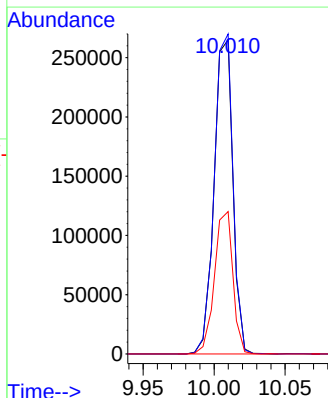
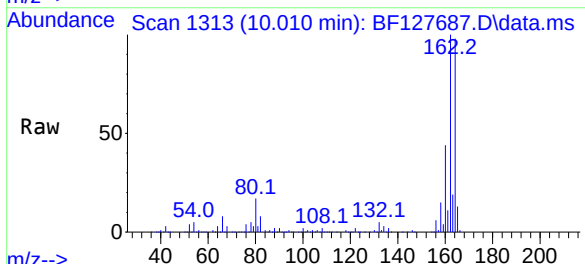
Tgt Ion: 164 Resp: 243382

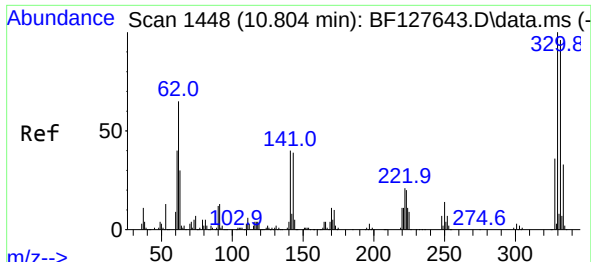
Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 45.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 138.857 ng

RT: 10.798 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF127687.D

Acq: 07 Apr 2022 17:03

Instrument :

BNA_F

ClientSampleId :

TW-E5-DUP

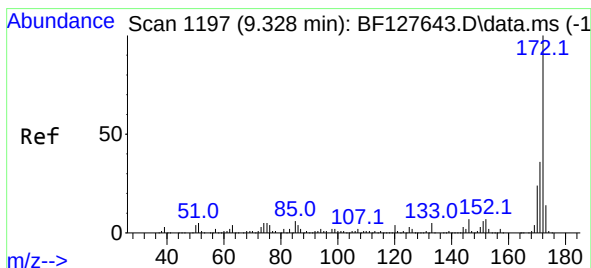
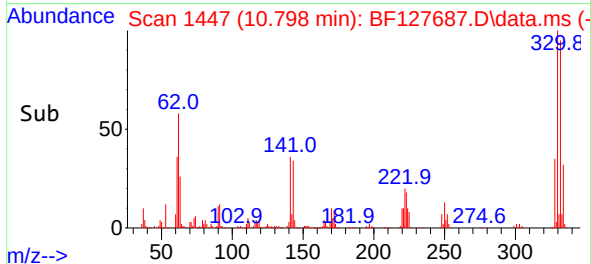
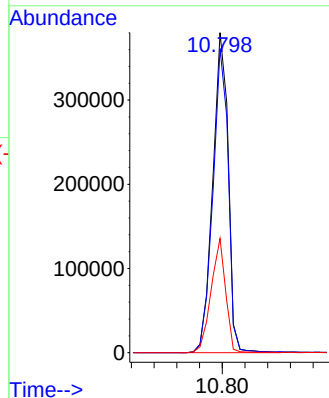
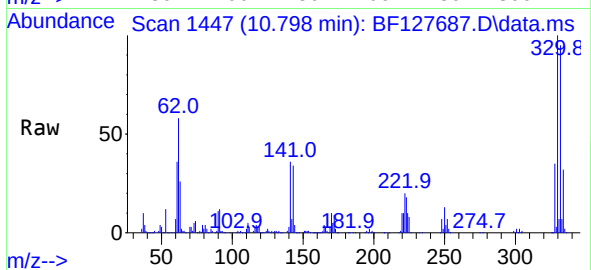
Tgt Ion:330 Resp: 359632

Ion Ratio Lower Upper

330 100

332 94.6 79.1 118.7

141 33.7 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 79.439 ng

RT: 9.327 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127687.D

Acq: 07 Apr 2022 17:03

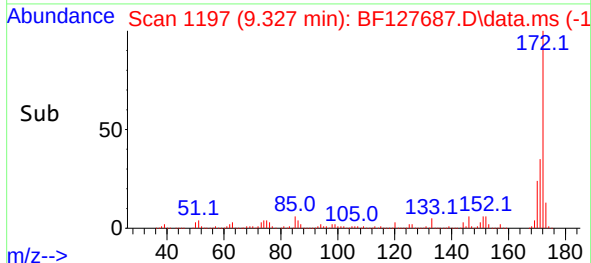
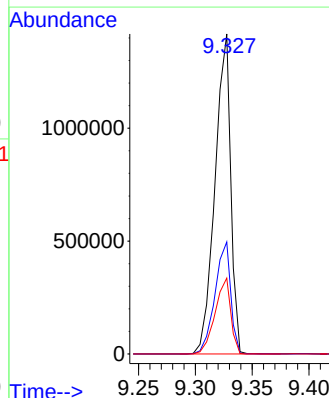
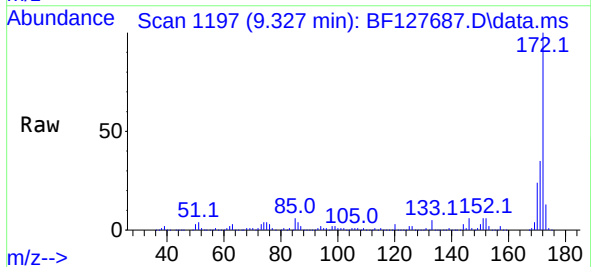
Tgt Ion:172 Resp: 1366679

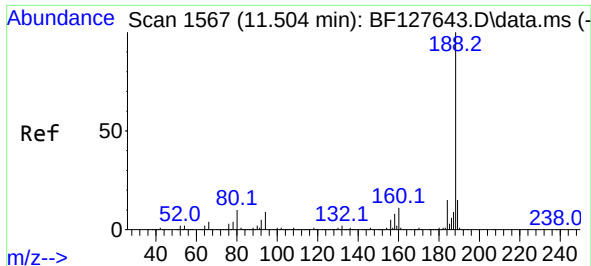
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.7 18.6 27.8

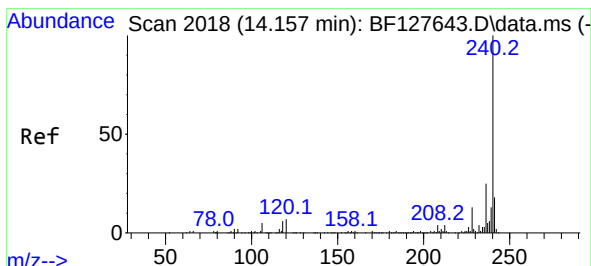
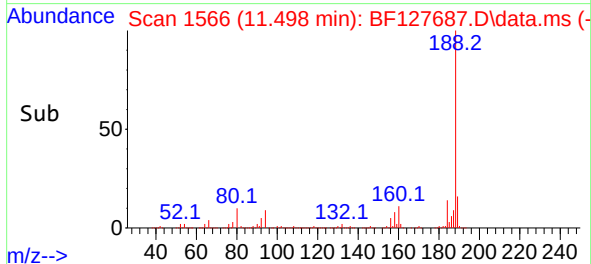
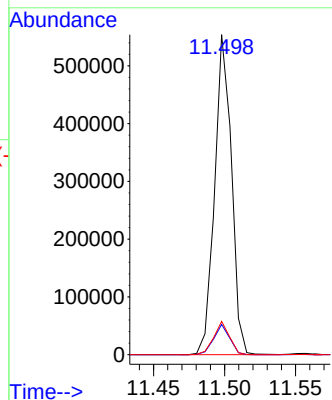
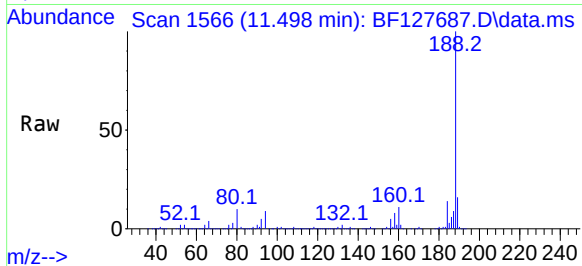




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127687.D
Acq: 07 Apr 2022 17:03

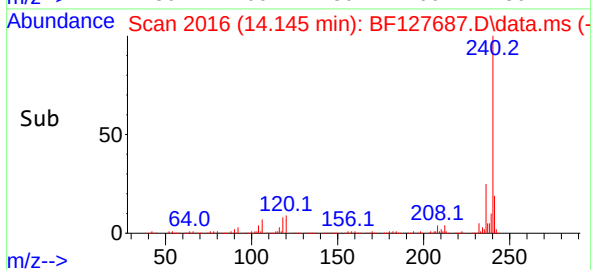
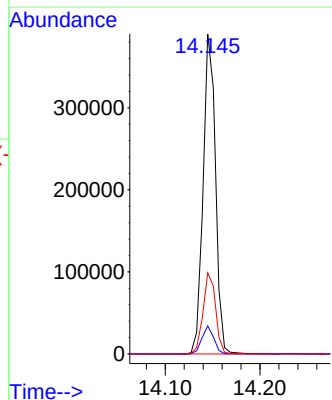
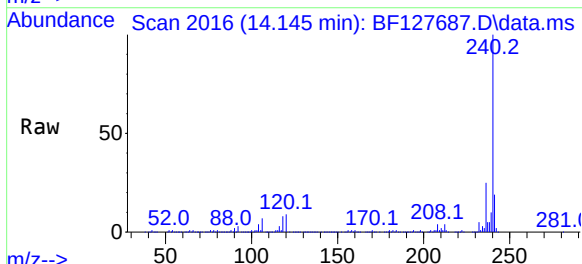
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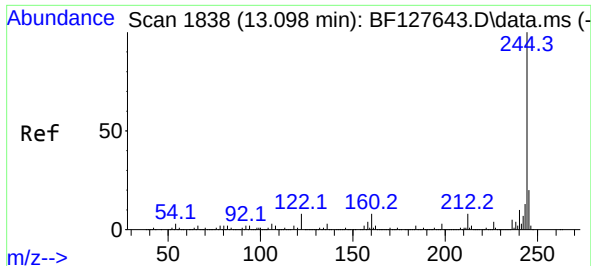
Tgt Ion:188 Resp: 456543
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF127687.D
Acq: 07 Apr 2022 17:03

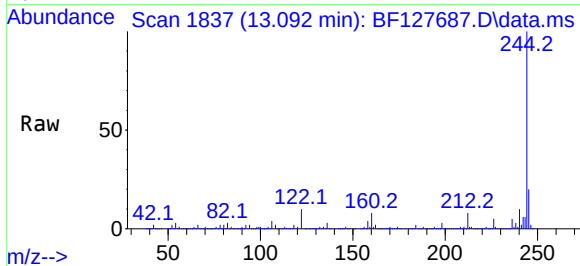
Tgt Ion:240 Resp: 353242
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 25.3 20.7 31.1





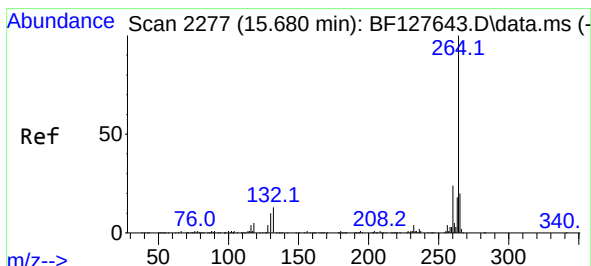
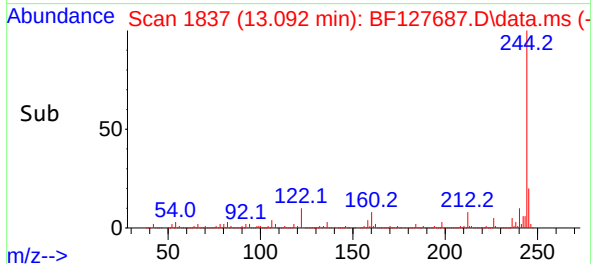
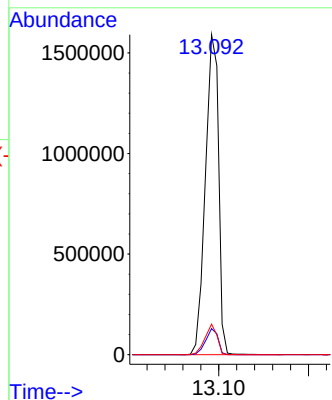
#79
 Terphenyl-d14
 Concen: 75.823 ng
 RT: 13.092 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127687.D
 Acq: 07 Apr 2022 17:03

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1622674

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	9.5	6.2	9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127687.D
 Acq: 07 Apr 2022 17:03

Tgt Ion:264 Resp: 306792

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.1	28.7
265	21.1	17.4	26.2

