

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127669.D
 Acq On : 07 Apr 2022 01:26
 Operator : CG\JU
 Sample : N2272-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Apr 07 02:41:13 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	99670	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	369066	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	214700	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	413199	20.000	ng	0.00
76) Chrysene-d12	14.151	240	371186	20.000	ng	0.00
86) Perylene-d12	15.674	264	331194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	791382	129.018	ng	0.00
7) Phenol-d6	6.581	99	947675	118.098	ng	0.00
23) Nitrobenzene-d5	7.528	82	774548	93.561	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	331326	145.018	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1357487	89.445	ng	0.00
79) Terphenyl-d14	13.098	244	1844118	82.005	ng	0.00

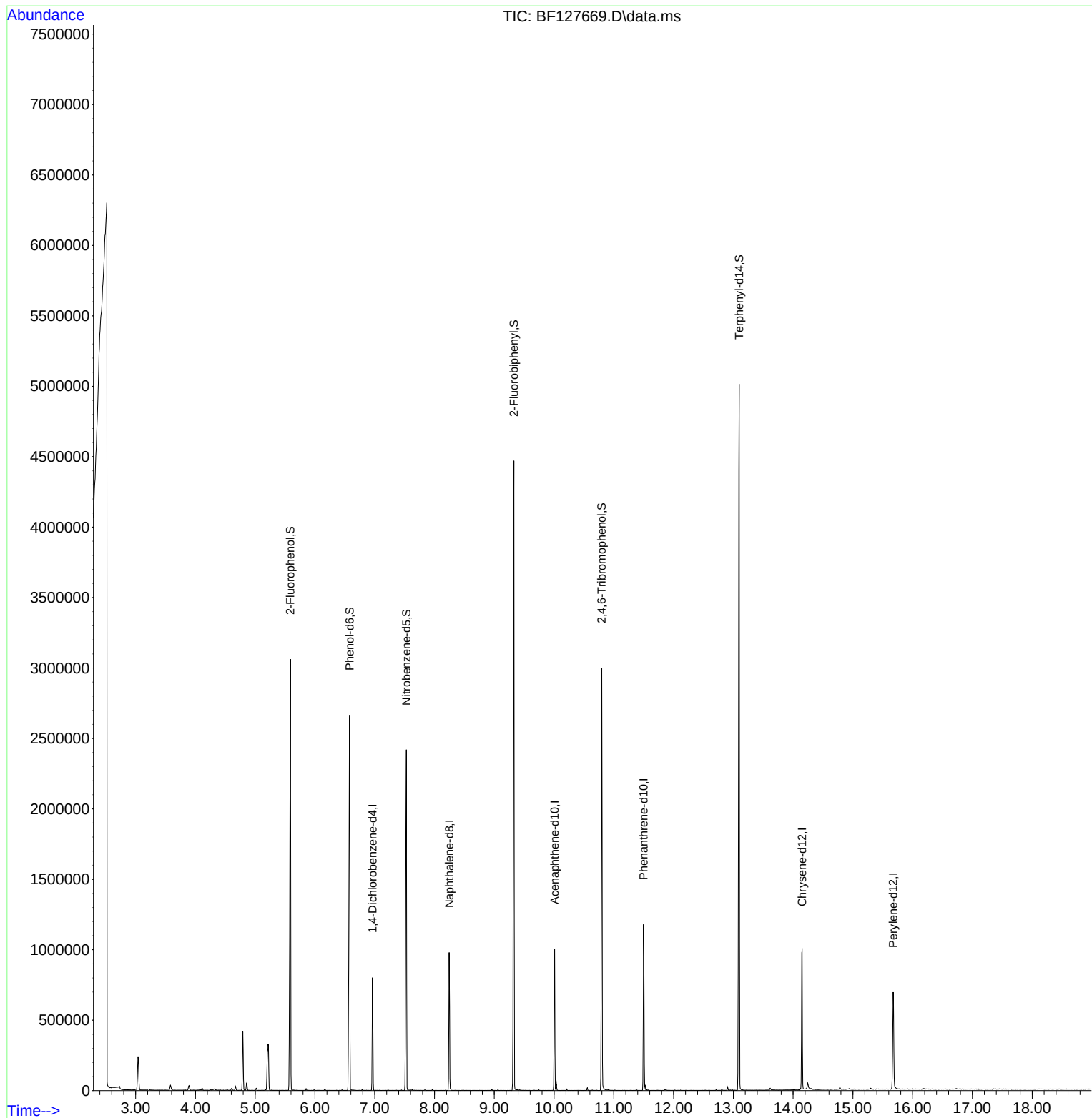
Target Compounds	Qvalue

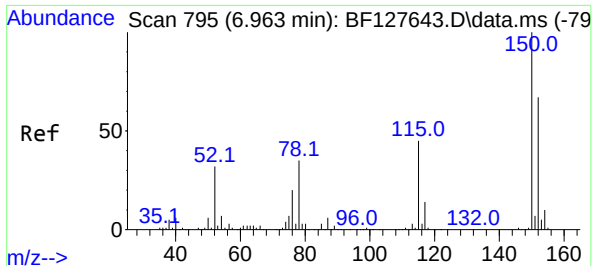
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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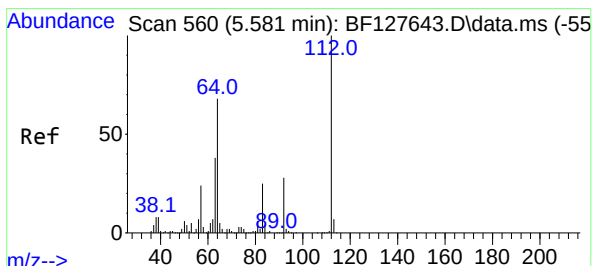
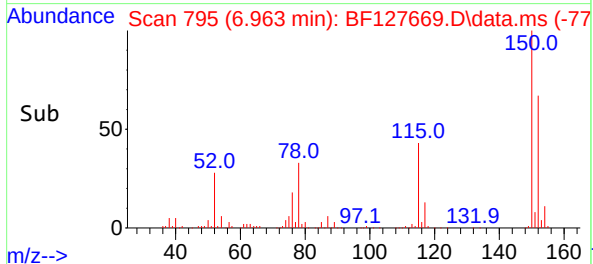
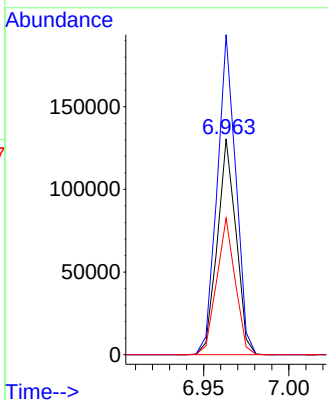
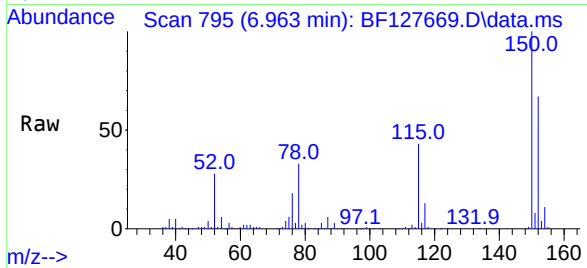




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

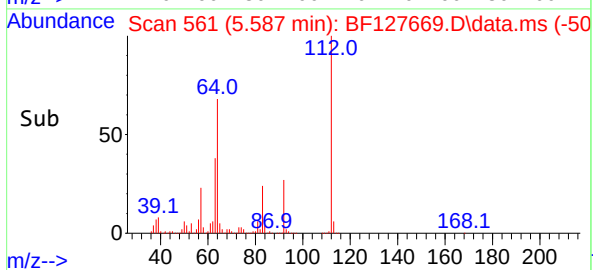
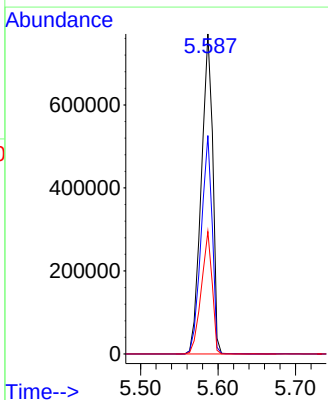
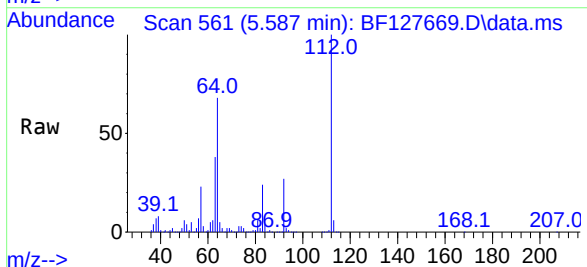
Instrument :
BNA_F
ClientSampleId :
TP-3

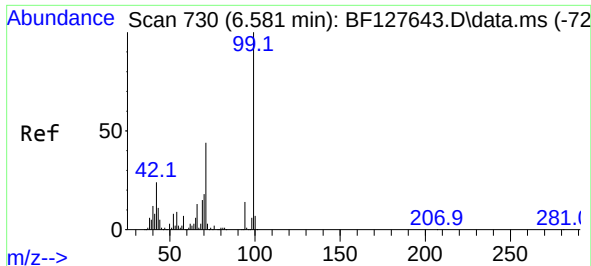
Tgt Ion:152 Resp: 99670
Ion Ratio Lower Upper
152 100
150 148.3 117.2 175.8
115 63.3 49.8 74.6



#5
2-Fluorophenol
Concen: 129.018 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:112 Resp: 791382
Ion Ratio Lower Upper
112 100
64 68.3 58.4 87.6
63 38.2 30.1 45.1

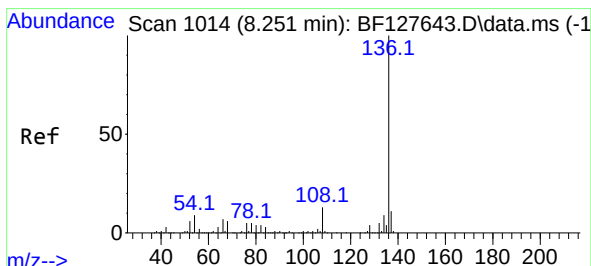
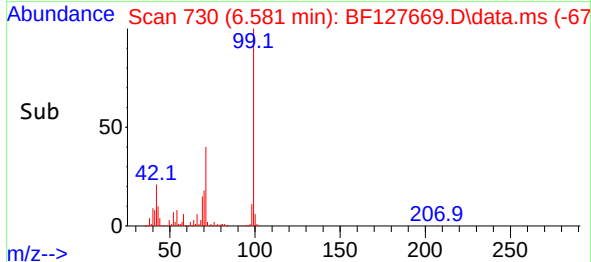
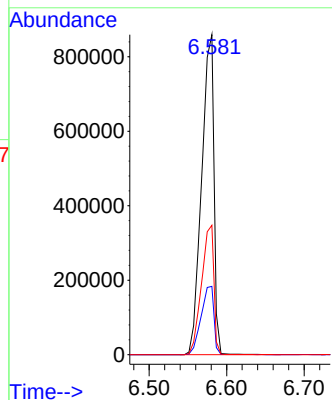
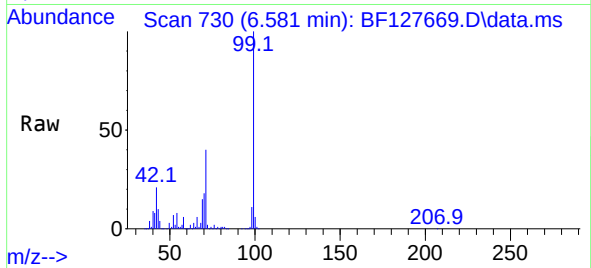




#7
Phenol-d6
Concen: 118.098 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

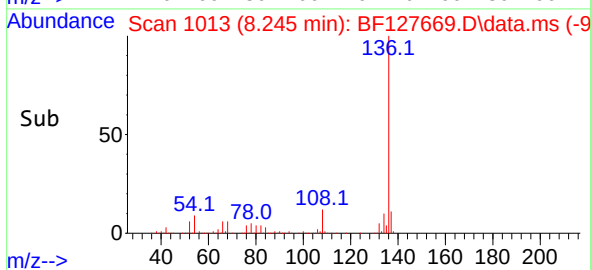
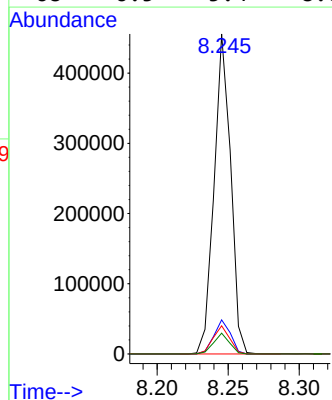
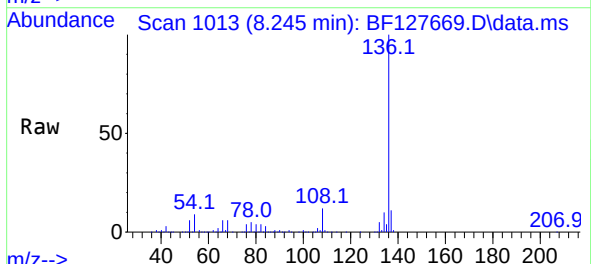
Instrument :
BNA_F
ClientSampleId :
TP-3

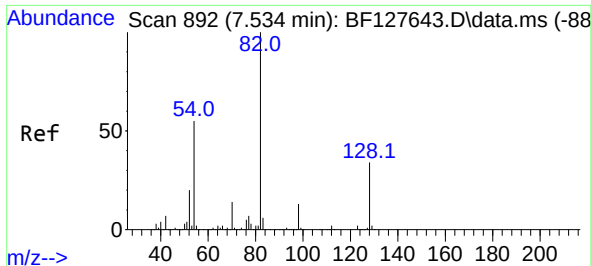
Tgt Ion: 99 Resp: 947675
Ion Ratio Lower Upper
99 100
42 21.4 17.8 26.6
71 40.5 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

Tgt Ion:136 Resp: 369066
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.8 9.2 13.8#
68 6.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 93.561 ng

RT: 7.528 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF127669.D

Acq: 07 Apr 2022 01:26

Instrument :

BNA_F

ClientSampleId :

TP-3

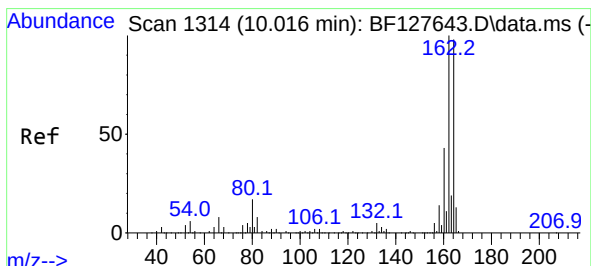
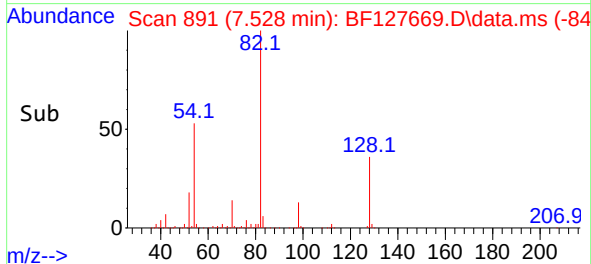
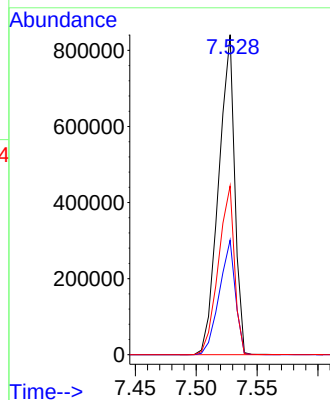
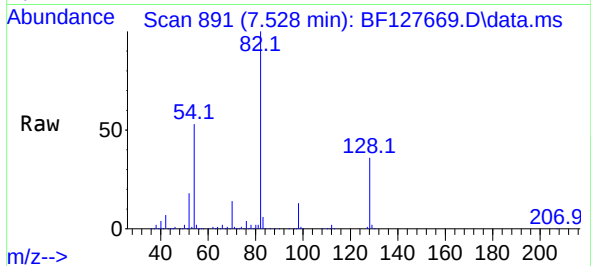
Tgt Ion: 82 Resp: 774548

Ion Ratio Lower Upper

82 100

128 35.8 30.6 45.8

54 52.7 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: BF127669.D

Acq: 07 Apr 2022 01:26

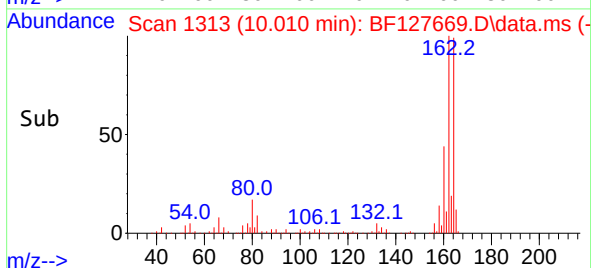
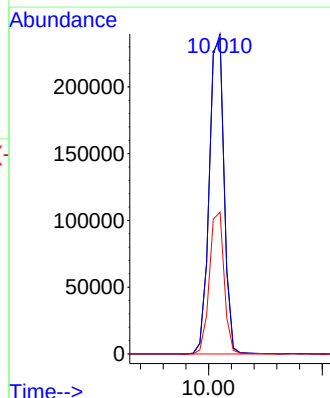
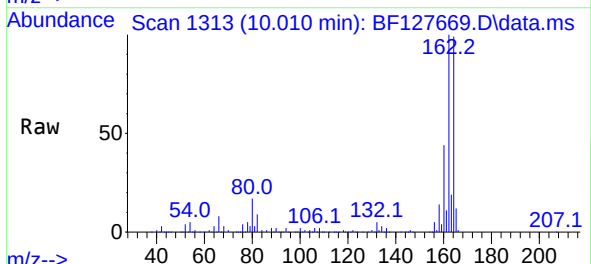
Tgt Ion: 164 Resp: 214700

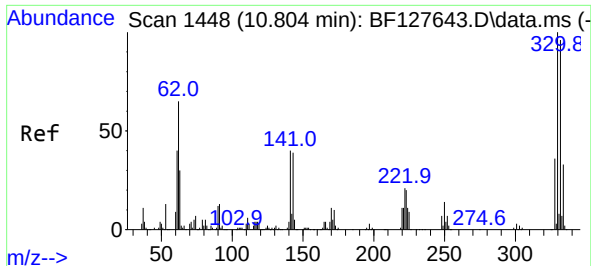
Ion Ratio Lower Upper

164 100

162 101.4 81.2 121.8

160 44.9 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 145.018 ng

RT: 10.798 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF127669.D

Acq: 07 Apr 2022 01:26

Instrument :

BNA_F

ClientSampleId :

TP-3

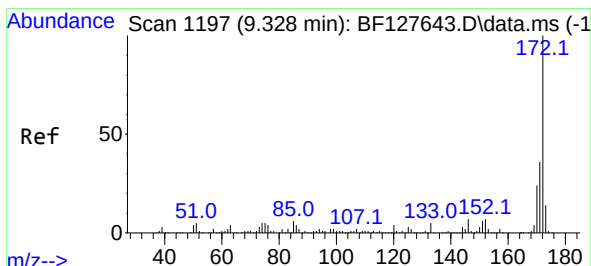
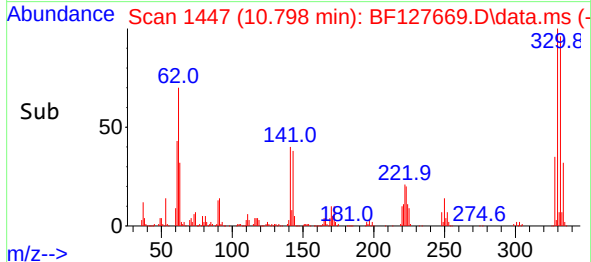
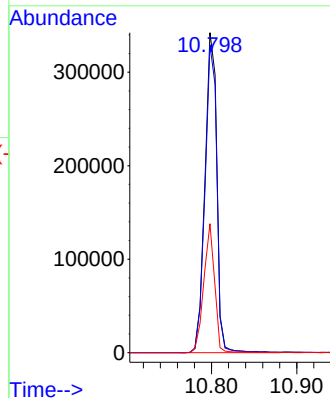
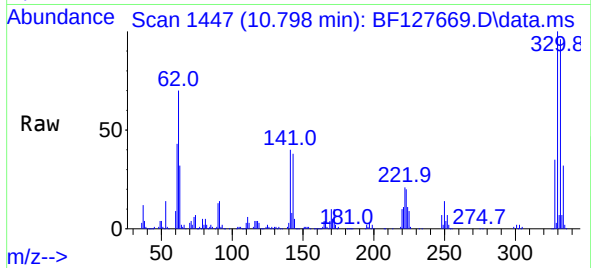
Tgt Ion:330 Resp: 331326

Ion Ratio Lower Upper

330 100

332 95.8 79.1 118.7

141 37.1 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 89.445 ng

RT: 9.328 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127669.D

Acq: 07 Apr 2022 01:26

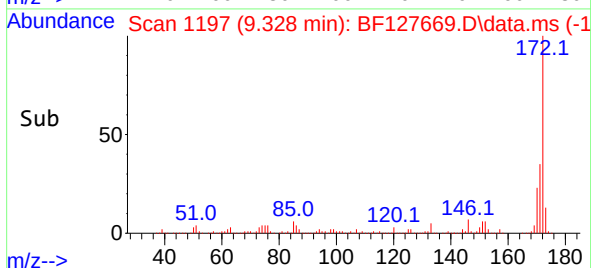
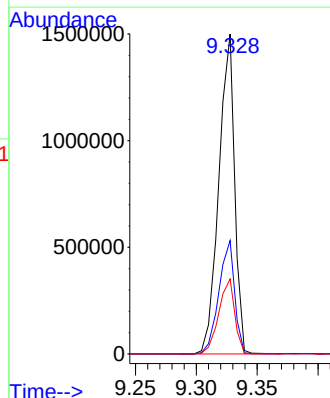
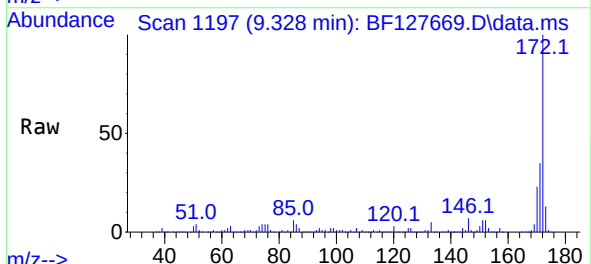
Tgt Ion:172 Resp: 1357487

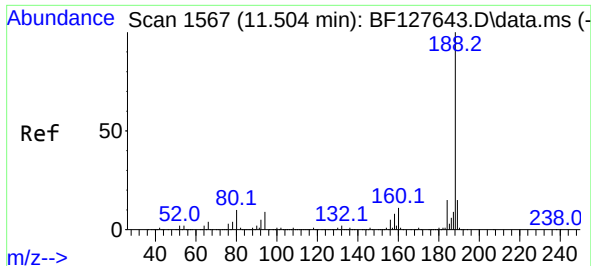
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 18.6 27.8

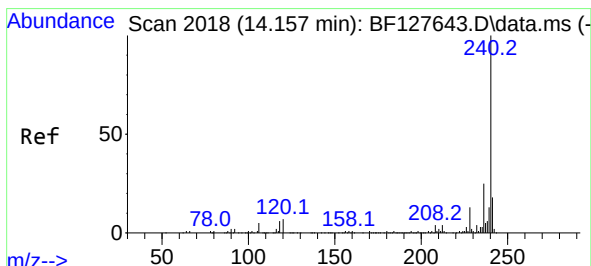
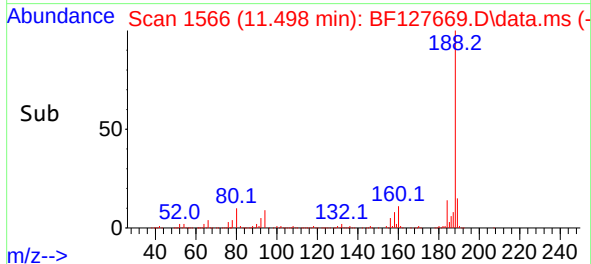
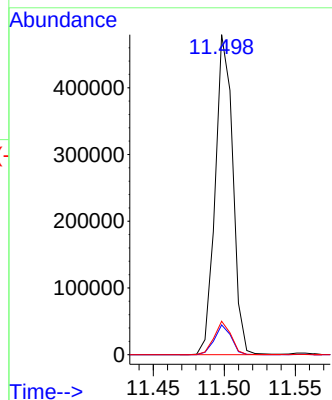
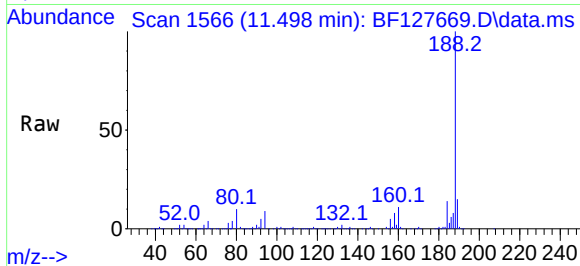




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

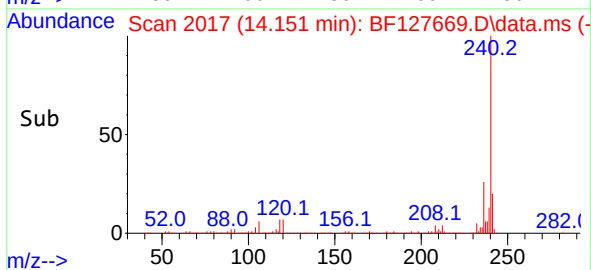
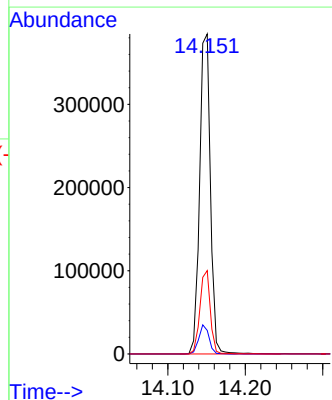
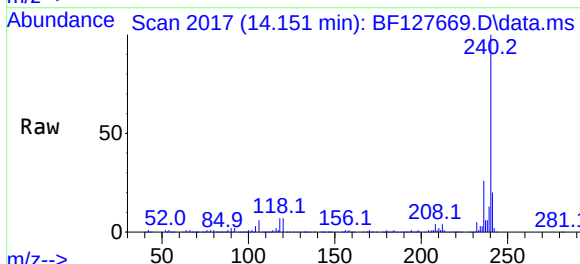
Instrument :
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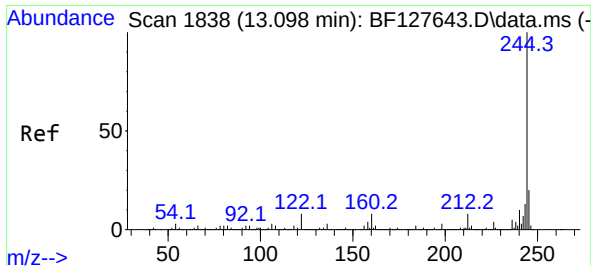
Tgt Ion:188 Resp: 413199
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.5 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127669.D
Acq: 07 Apr 2022 01:26

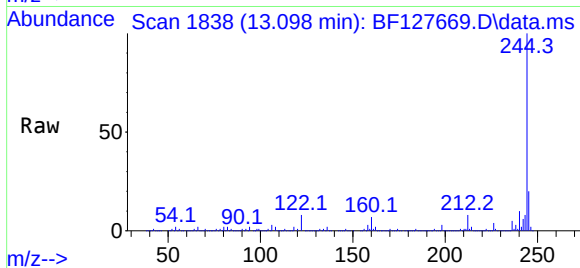
Tgt Ion:240 Resp: 371186
Ion Ratio Lower Upper
240 100
120 7.4 7.1 10.7
236 26.0 20.7 31.1





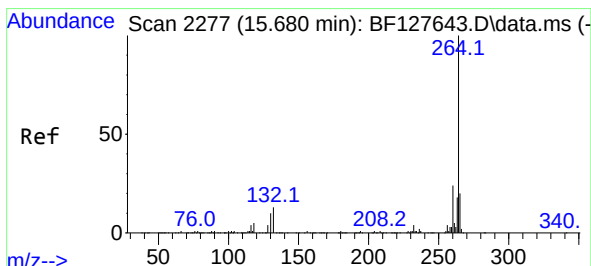
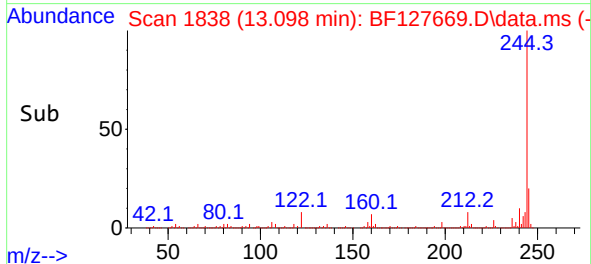
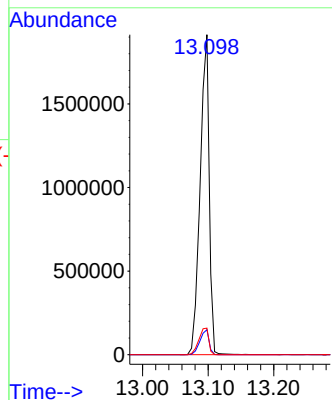
#79
 Terphenyl-d14
 Concen: 82.005 ng
 RT: 13.098 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF127669.D
 Acq: 07 Apr 2022 01:26

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 1844118

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	8.3	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: BF127669.D
 Acq: 07 Apr 2022 01:26

Tgt Ion:264 Resp: 331194

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.3	17.4	26.2

