

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127583.D
 Acq On : 30 Mar 2022 12:55
 Operator : CG\JU
 Sample : PB143634TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143634TB

Quant Time: Mar 30 16:32:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	107203	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	401240	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	233463	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	420402	20.000	ng	0.00
76) Chrysene-d12	14.015	240	271881	20.000	ng	0.00
86) Perylene-d12	15.498	264	199328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	823272	122.583	ng	0.01
7) Phenol-d6	6.481	99	1130913	123.189	ng	0.00
23) Nitrobenzene-d5	7.404	82	786984	83.841	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	290557	116.831	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1309597	81.911	ng	0.00
79) Terphenyl-d14	12.951	244	1438111	86.590	ng	0.00

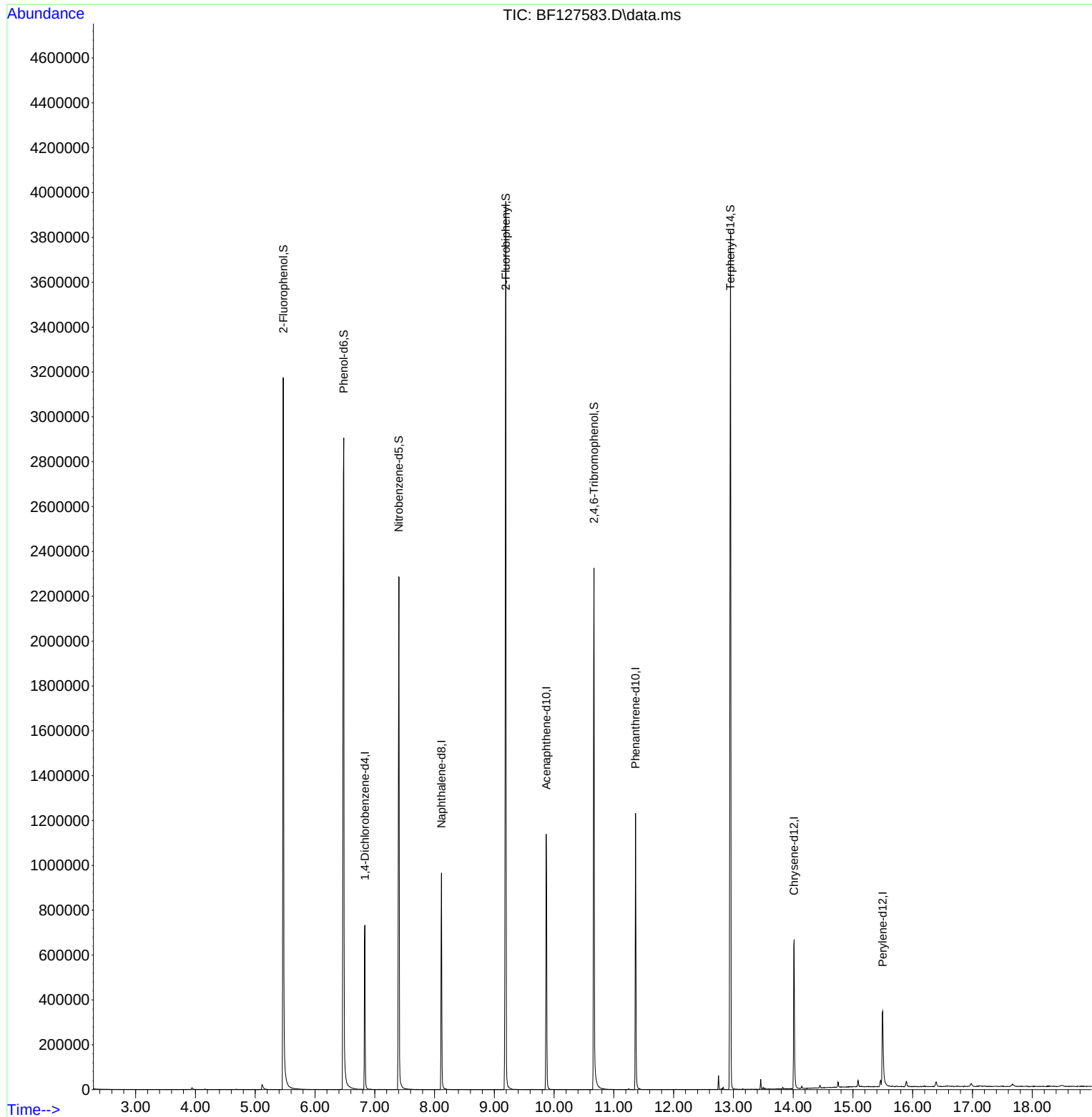
Target Compounds	Qvalue

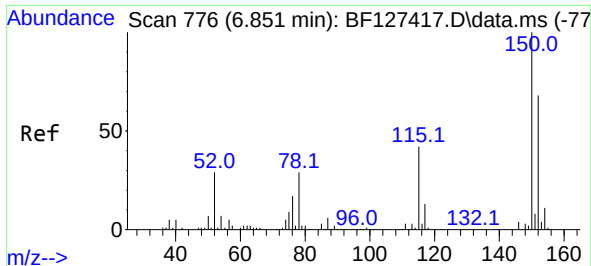
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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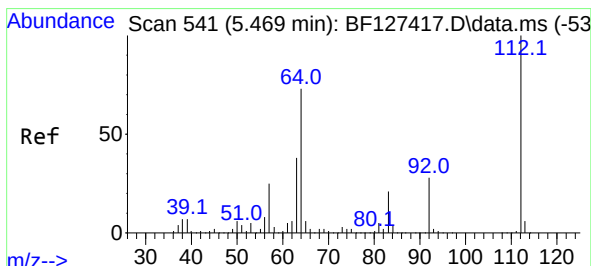
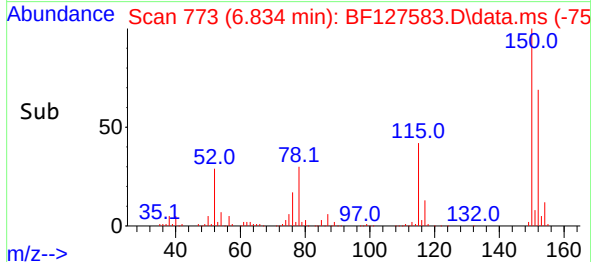
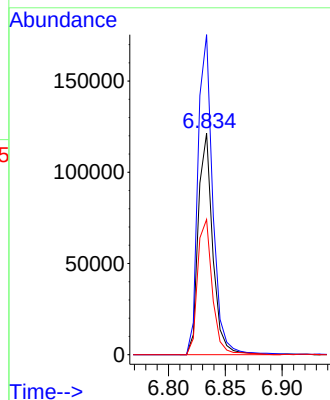
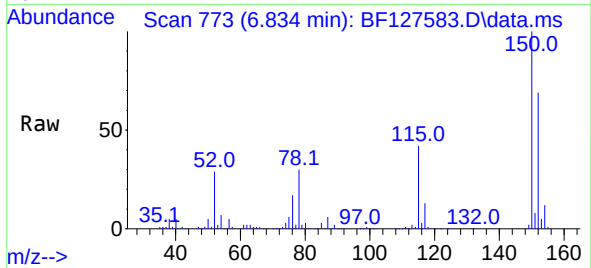




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

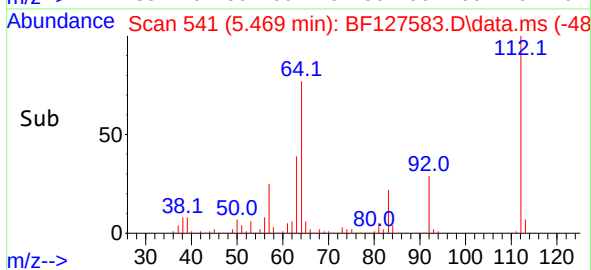
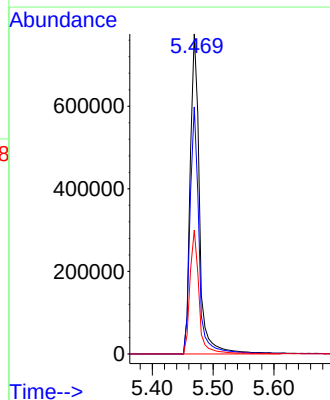
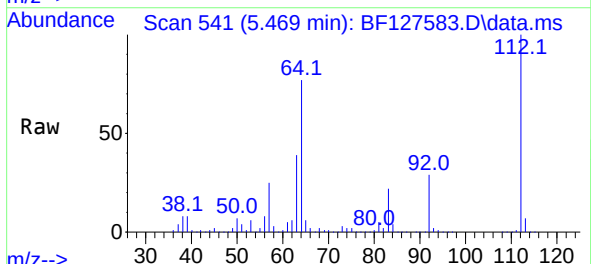
Instrument :
BNA_F
ClientSampleId :
PB143634TB

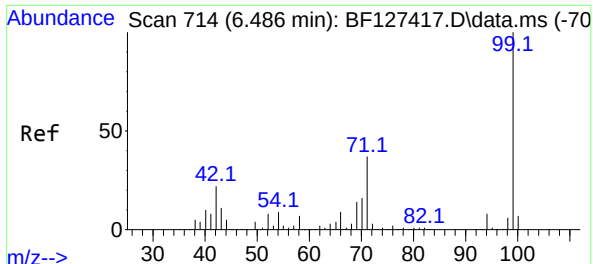
Tgt Ion:152 Resp: 107203
Ion Ratio Lower Upper
152 100
150 144.5 117.2 175.8
115 61.1 49.8 74.6



#5
2-Fluorophenol
Concen: 122.583 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

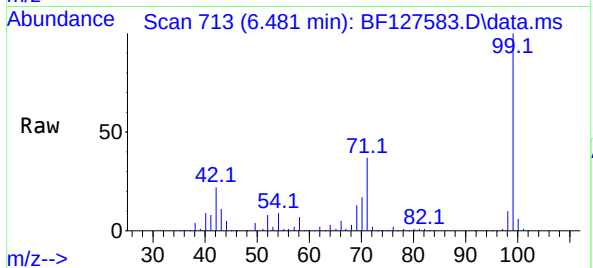
Tgt Ion:112 Resp: 823272
Ion Ratio Lower Upper
112 100
64 77.2 58.4 87.6
63 38.7 30.1 45.1





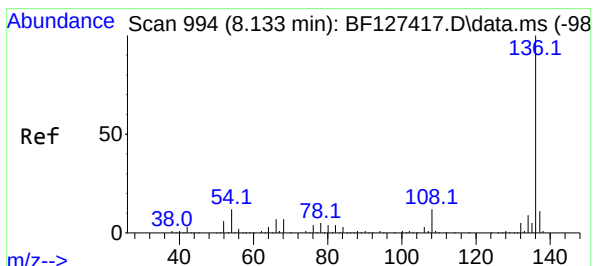
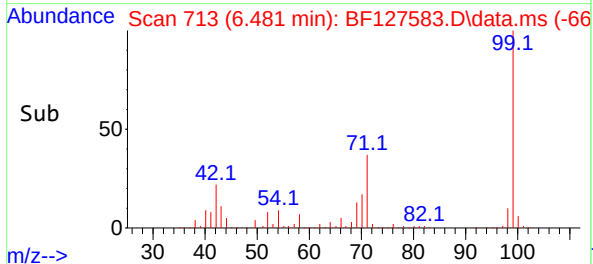
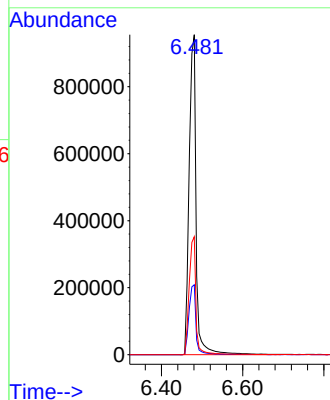
#7
Phenol-d6
Concen: 123.189 ng
RT: 6.481 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Instrument :
BNA_F
ClientSampleId :
PB143634TB



Tgt Ion: 99 Resp: 1130913

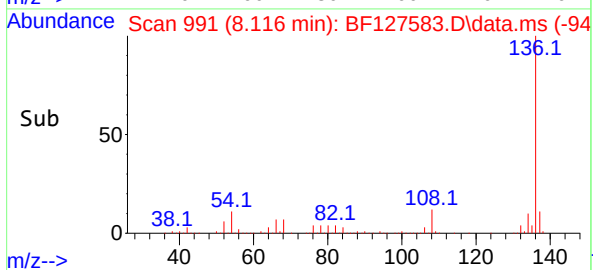
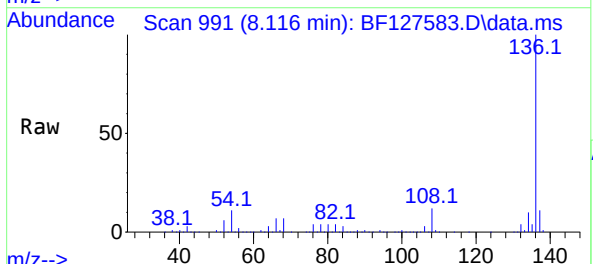
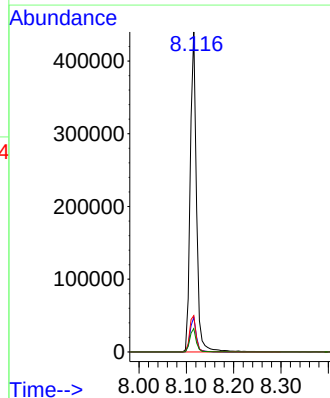
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.8	26.6
71	36.8	29.6	44.4

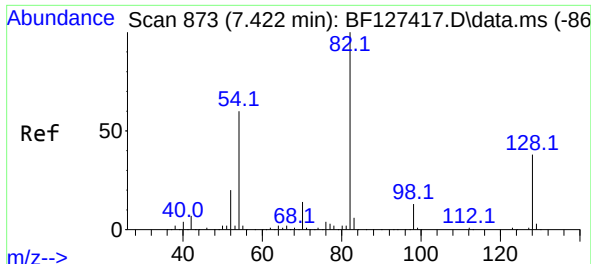


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Tgt Ion: 136 Resp: 401240

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	11.4	9.2	13.8
68	7.3	5.4	8.0

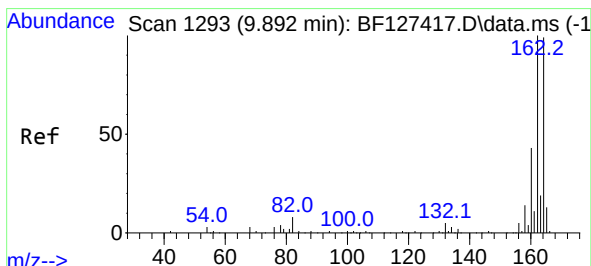
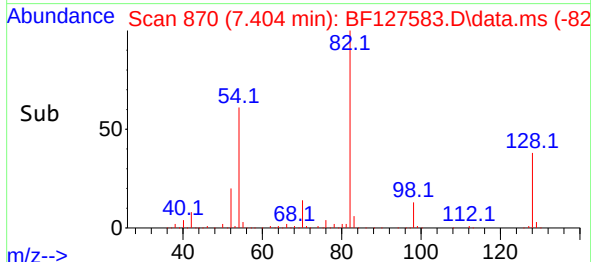
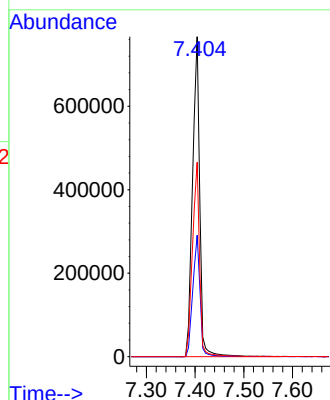
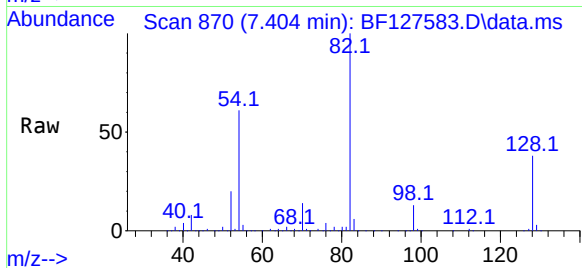




#23
Nitrobenzene-d5
Concen: 83.841 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

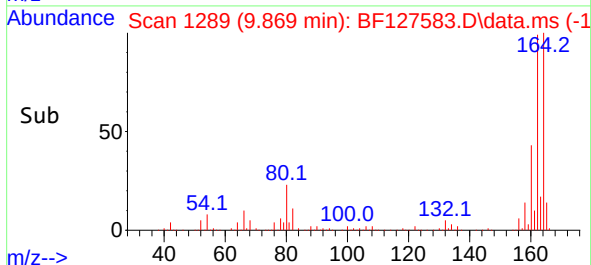
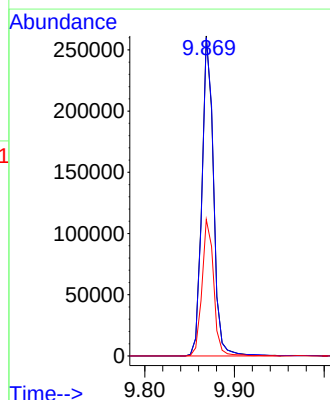
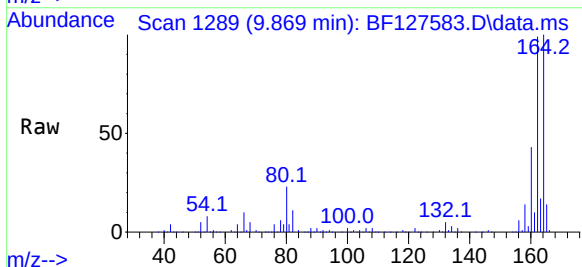
Instrument :
BNA_F
ClientSampleId :
PB143634TB

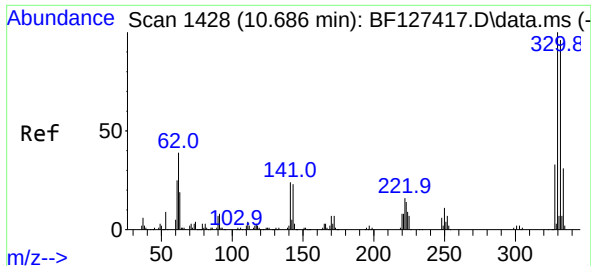
Tgt Ion: 82 Resp: 786984
Ion Ratio Lower Upper
82 100
128 37.9 30.6 45.8
54 60.8 48.2 72.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Tgt Ion:164 Resp: 233463
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 42.6 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 116.831 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

Instrument :

BNA_F

ClientSampleId :

PB143634TB

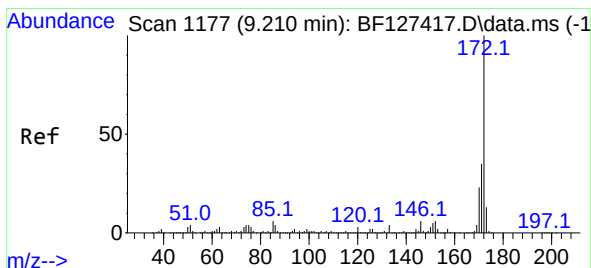
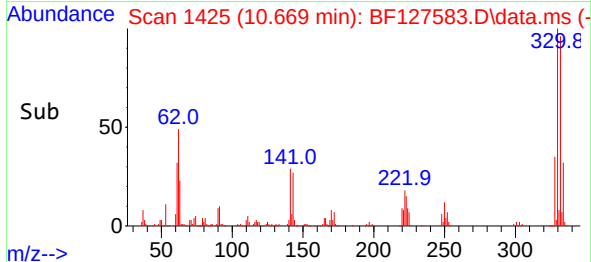
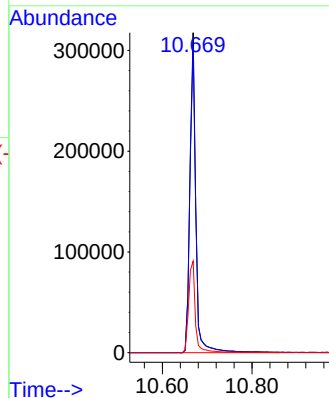
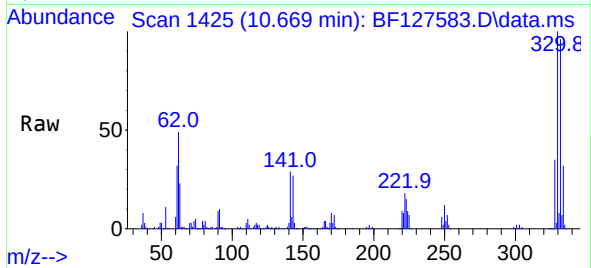
Tgt Ion:330 Resp: 290557

Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 32.7 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 81.911 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127583.D

Acq: 30 Mar 2022 12:55

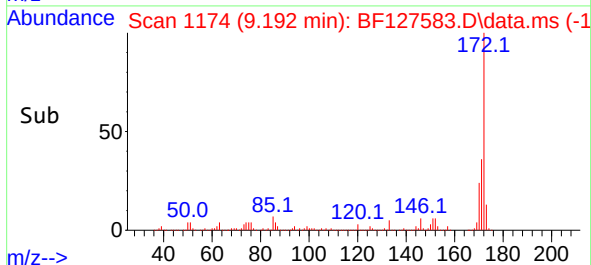
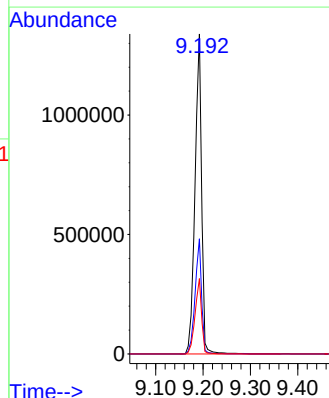
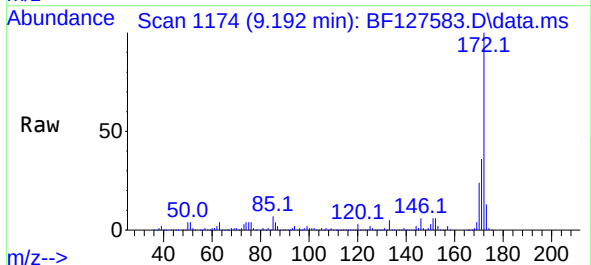
Tgt Ion:172 Resp: 1309597

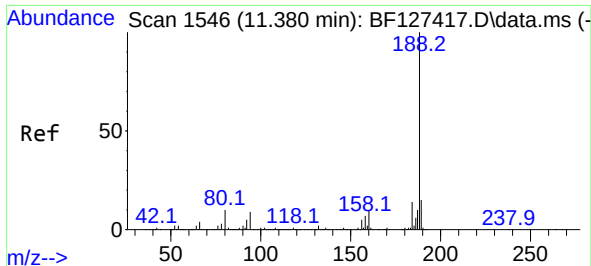
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.5 18.6 27.8

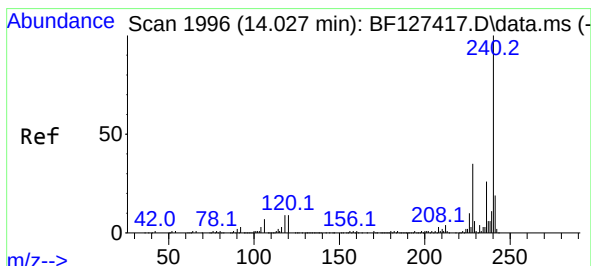
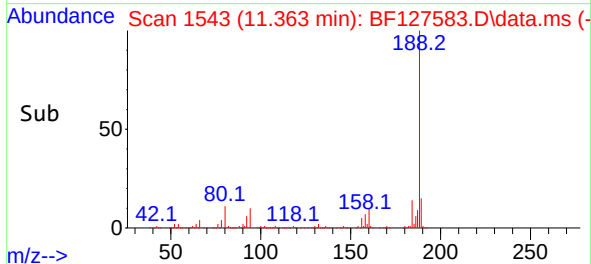
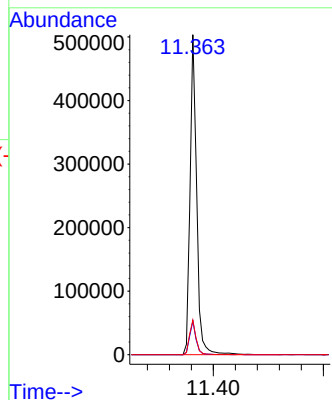
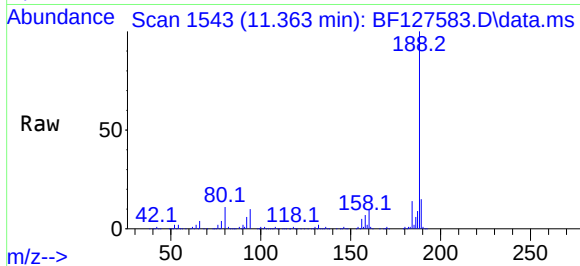




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

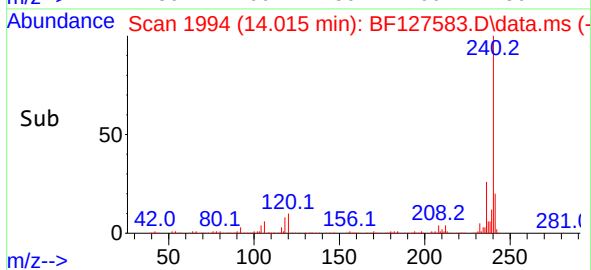
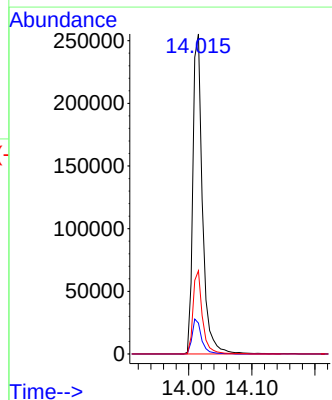
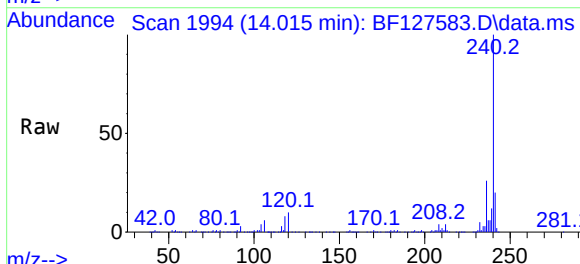
Instrument :
BNA_F
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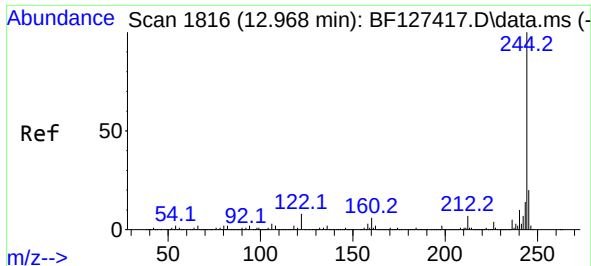
Tgt Ion:188 Resp: 420402
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 10.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127583.D
Acq: 30 Mar 2022 12:55

Tgt Ion:240 Resp: 271881
Ion Ratio Lower Upper
240 100
120 9.7 7.1 10.7
236 26.0 20.7 31.1

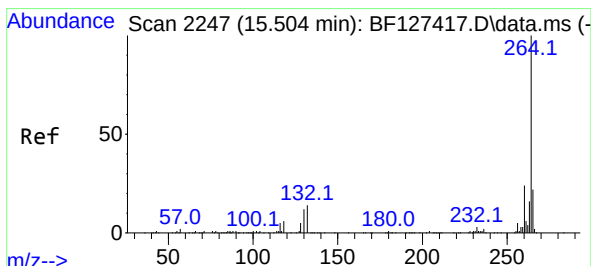
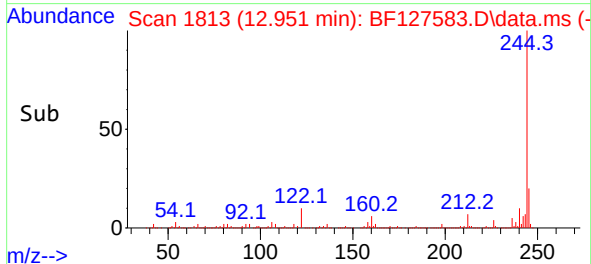
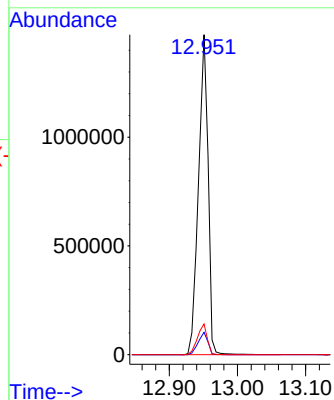
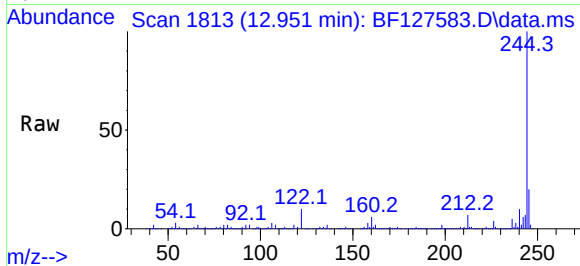




#79
 Terphenyl-d14
 Concen: 86.590 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127583.D
 Acq: 30 Mar 2022 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB143634TB

Tgt Ion:244 Resp: 1438111
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.6 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2246
 Delta R.T. 0.006 min
 Lab File: BF127583.D
 Acq: 30 Mar 2022 12:55

Tgt Ion:264 Resp: 199328
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 19.9 17.4 26.2

