

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128127.D
 Acq On : 06 May 2022 16:33
 Operator : CG\JU
 Sample : N2712-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: May 06 17:49:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	78918	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	305039	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	177500	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	345715	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	280504	20.000	ng	-0.01
86) Perylene-d12	15.580	264	195704	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	633893	127.937	ng	0.00
7) Phenol-d6	6.534	99	837241	130.227	ng	-0.01
23) Nitrobenzene-d5	7.469	82	591964	91.256	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	257198	143.940	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	965649	92.035	ng	0.00
79) Terphenyl-d14	13.027	244	1262998	82.333	ng	0.00

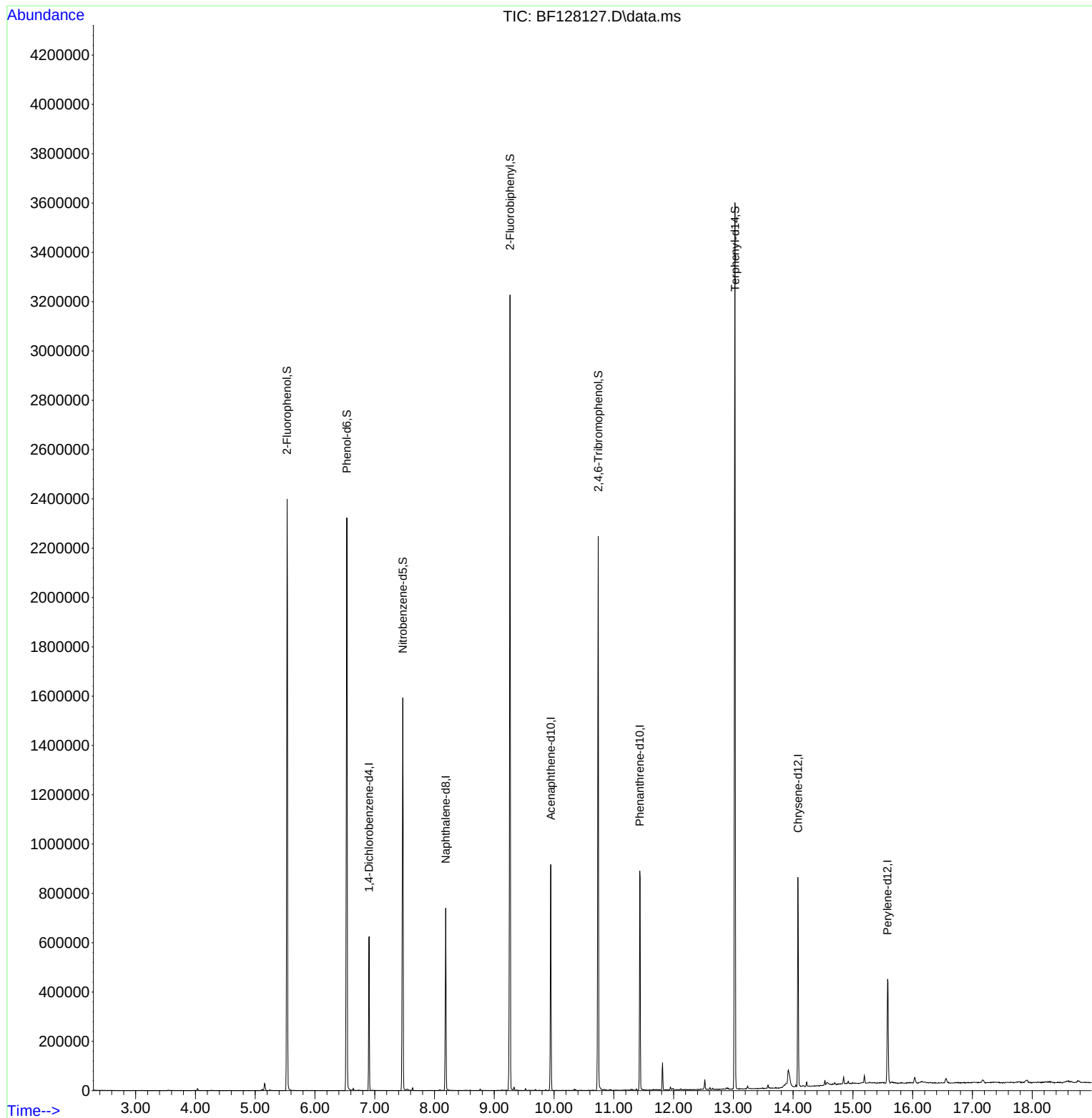
Target Compounds	Qvalue

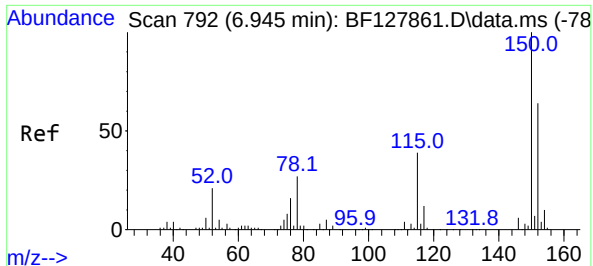
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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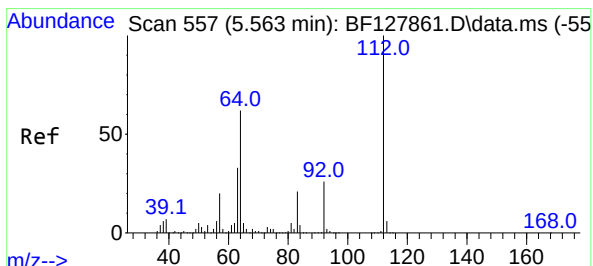
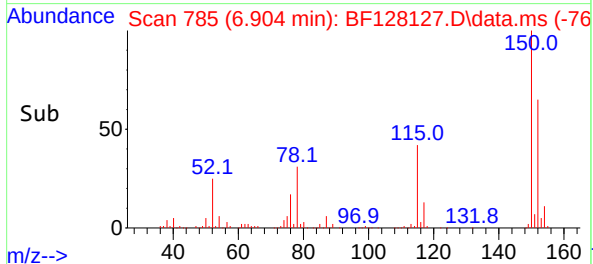
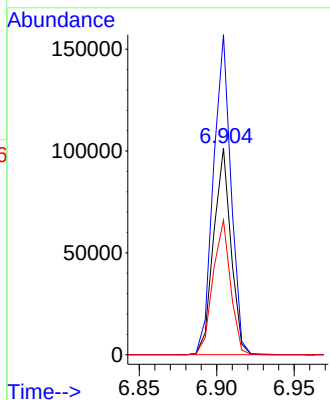
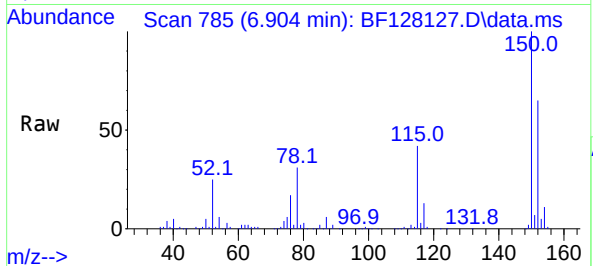




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

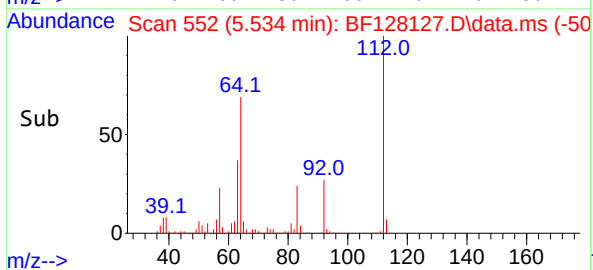
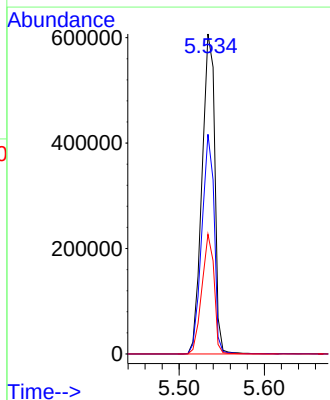
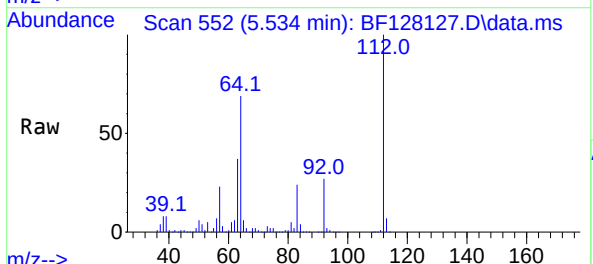
Instrument :
BNA_F
ClientSampleId :
SP-3

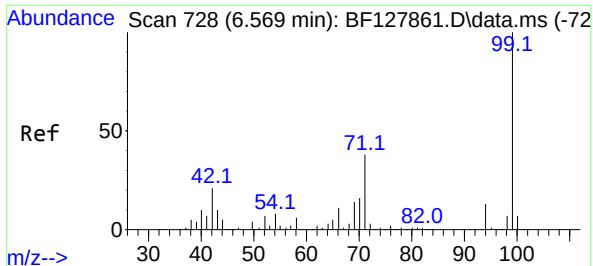
Tgt Ion:152 Resp: 78918
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 65.1 48.8 73.2



#5
2-Fluorophenol
Concen: 127.937 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion:112 Resp: 633893
Ion Ratio Lower Upper
112 100
64 68.7 49.5 74.3
63 37.4 26.3 39.5

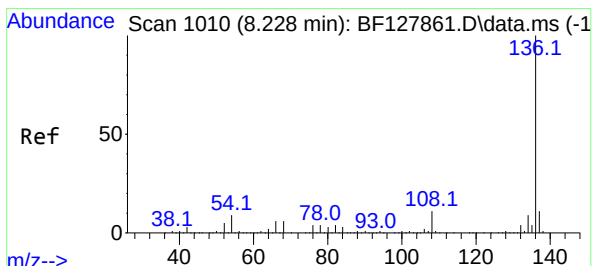
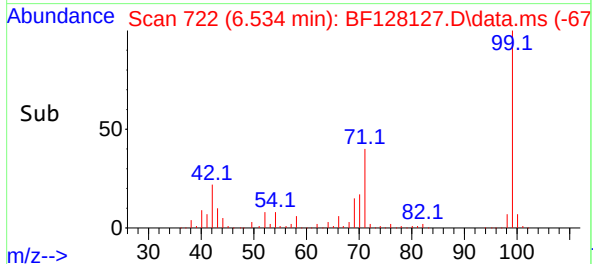
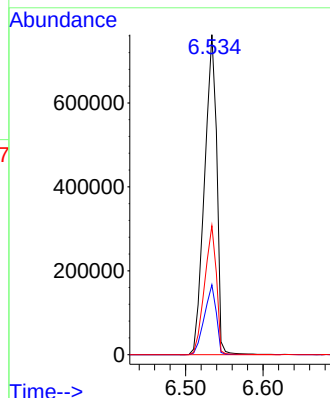
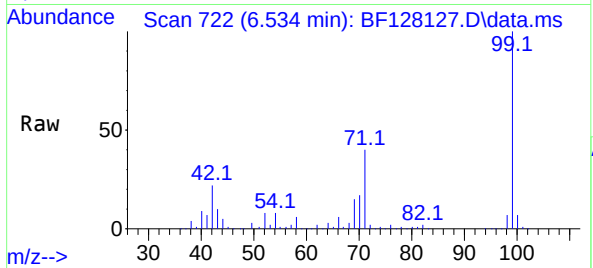




#7
Phenol-d6
Concen: 130.227 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

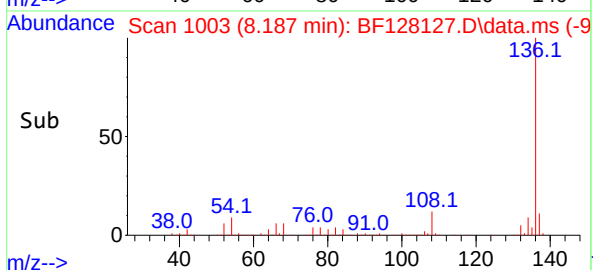
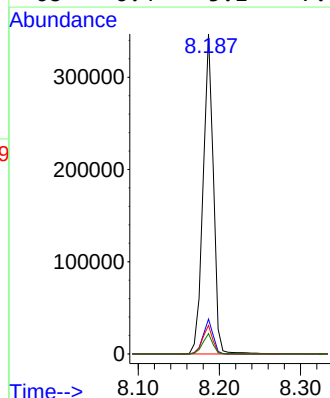
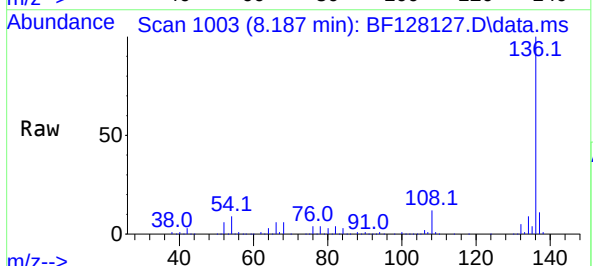
Instrument :
BNA_F
ClientSampleId :
SP-3

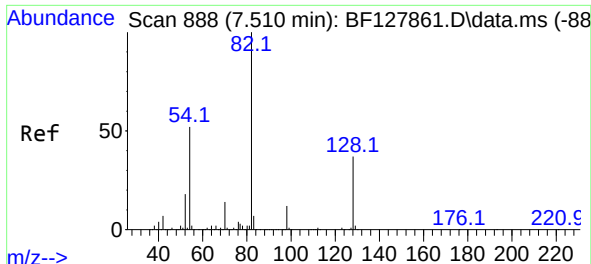
Tgt Ion: 99 Resp: 837241
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.3 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion: 136 Resp: 305039
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 6.8 10.2
68 6.4 5.1 7.7

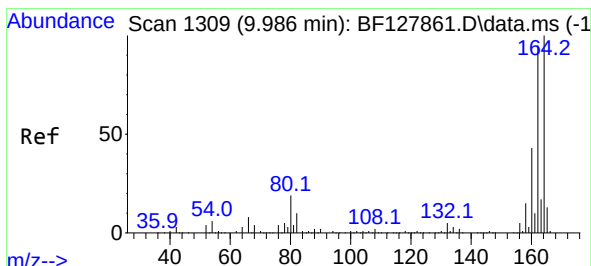
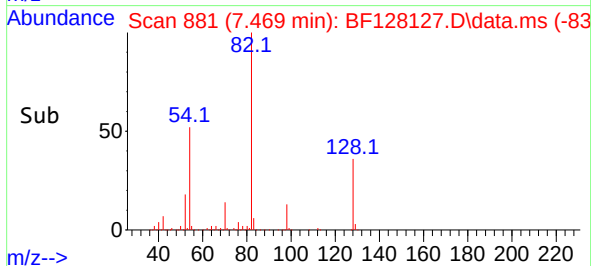
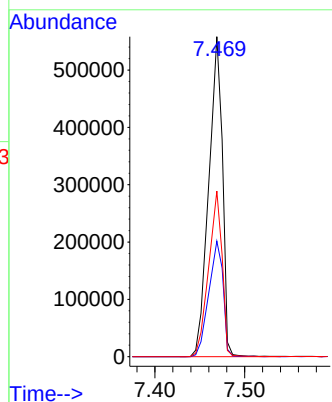
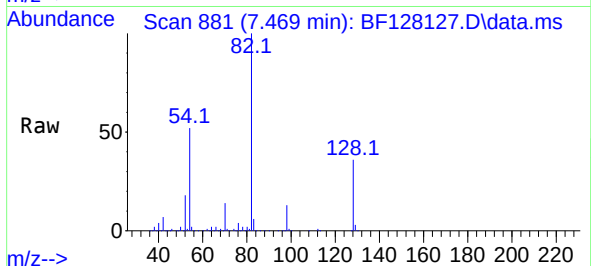




#23
Nitrobenzene-d5
Concen: 91.256 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

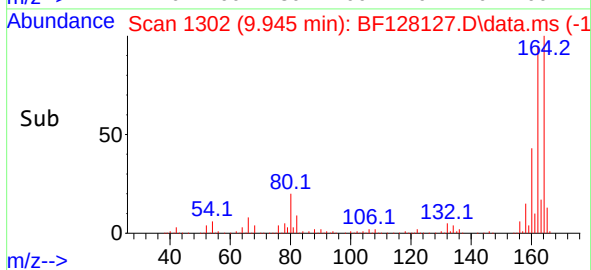
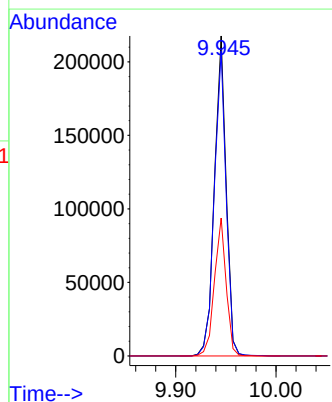
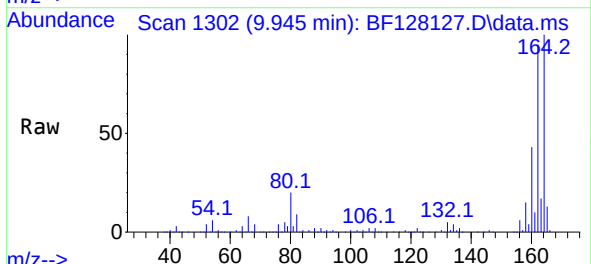
Instrument :
BNA_F
ClientSampleId :
SP-3

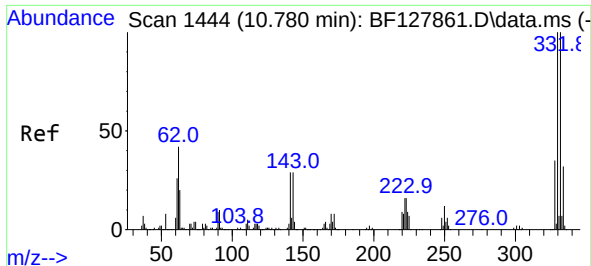
Tgt Ion: 82 Resp: 591964
Ion Ratio Lower Upper
82 100
128 36.1 30.0 45.0
54 51.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion: 164 Resp: 177500
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 143.940 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128127.D

Acq: 06 May 2022 16:33

Instrument :

BNA_F

ClientSampleId :

SP-3

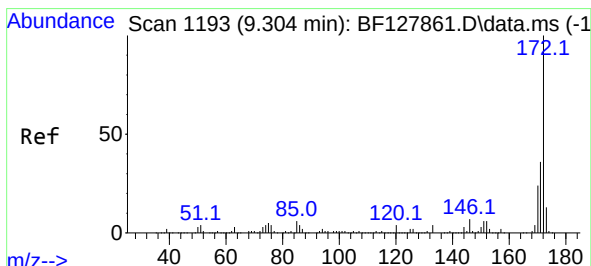
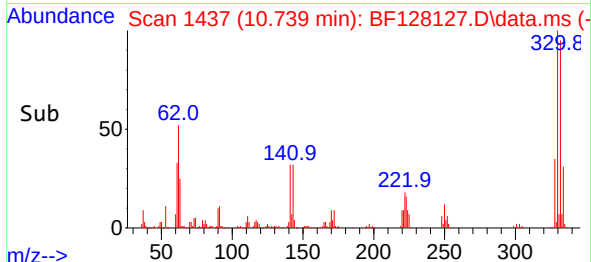
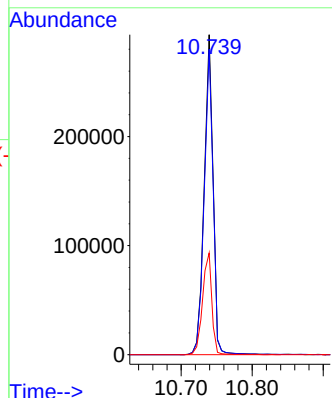
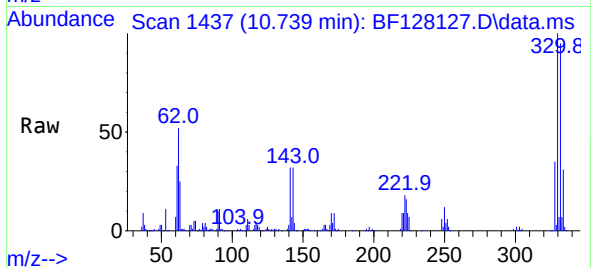
Tgt Ion:330 Resp: 257198

Ion Ratio Lower Upper

330 100

332 96.0 79.0 118.4

141 33.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 92.035 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128127.D

Acq: 06 May 2022 16:33

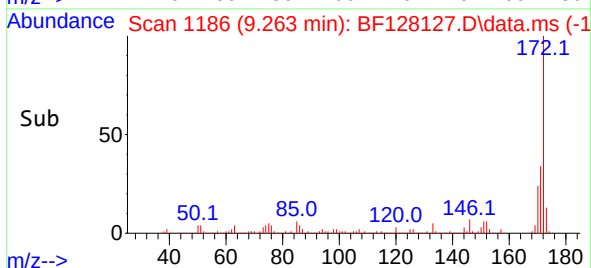
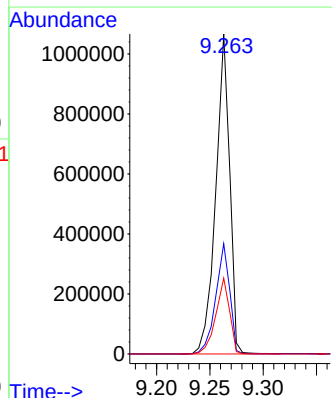
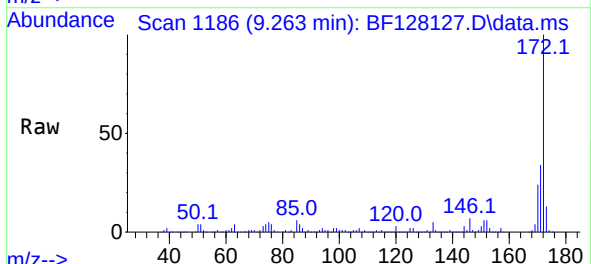
Tgt Ion:172 Resp: 965649

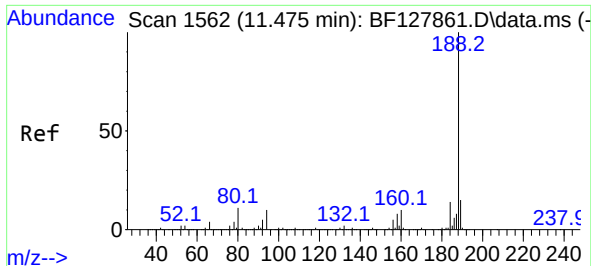
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.7 19.1 28.7

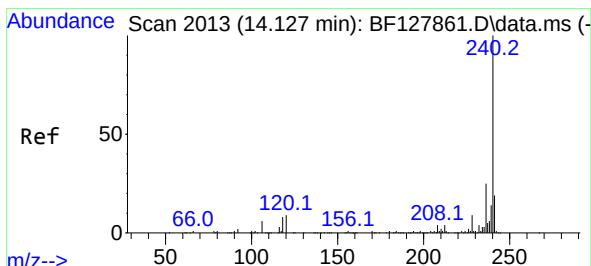
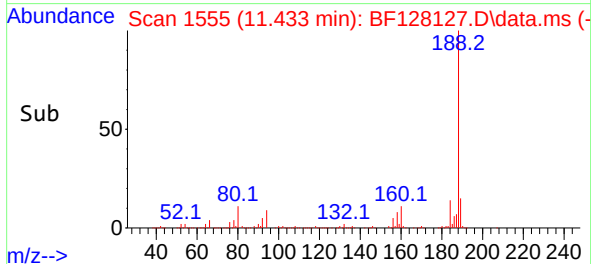
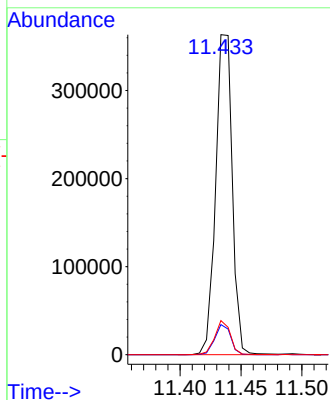
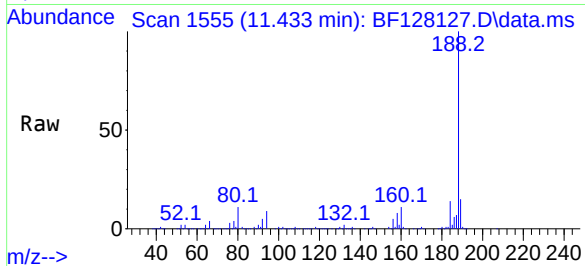




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

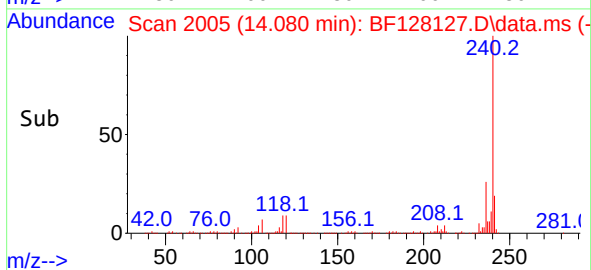
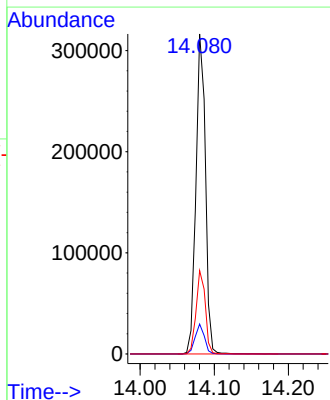
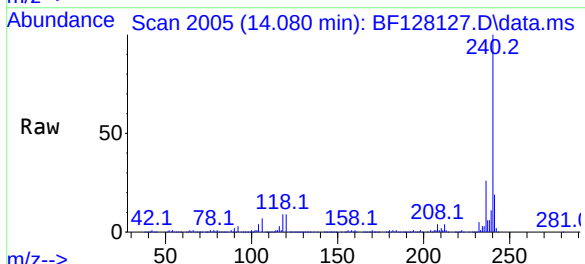
Instrument :
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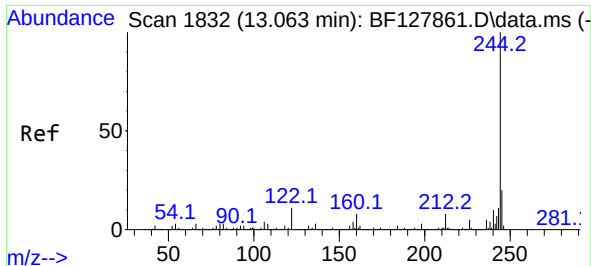
Tgt Ion:188 Resp: 345715
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128127.D
Acq: 06 May 2022 16:33

Tgt Ion:240 Resp: 280504
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 26.0 20.3 30.5



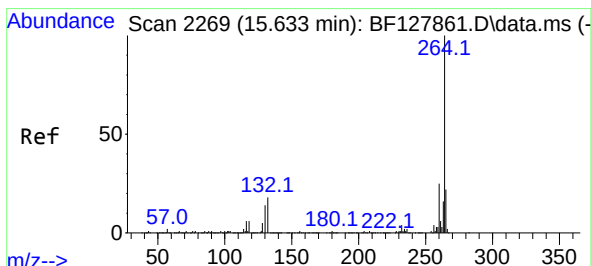
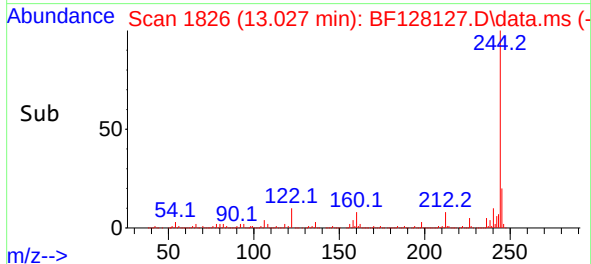
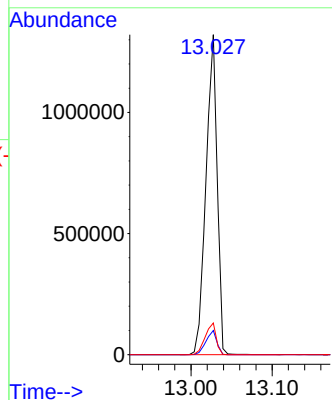
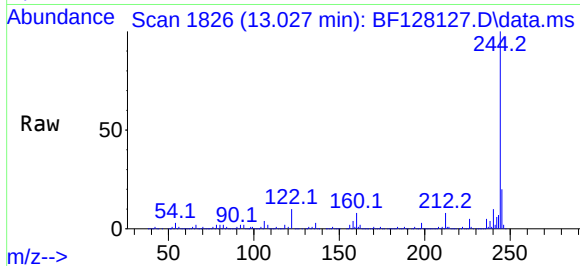


#79
 Terphenyl-d14
 Concen: 82.333 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128127.D
 Acq: 06 May 2022 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 1262998

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.4
122	9.9	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128127.D
 Acq: 06 May 2022 16:33

Tgt Ion:264 Resp: 195704

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	22.0	17.5	26.3

