

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033122\
 Data File : BF127599.D
 Acq On : 31 Mar 2022 12:42
 Operator : CG\JU
 Sample : N2176-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-156-IDWSO-20220329-1

Quant Time: Apr 01 05:33:22 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	75146	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	275804	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	154181	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	275470	20.000	ng	0.00
76) Chrysene-d12	14.015	240	241926	20.000	ng	0.00
86) Perylene-d12	15.498	264	225304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	516412	109.694	ng	0.01
7) Phenol-d6	6.475	99	682471	106.054	ng	0.00
23) Nitrobenzene-d5	7.398	82	461689	71.555	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	168794	102.771	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	764119	72.369	ng	0.00
79) Terphenyl-d14	12.945	244	862175	58.340	ng	0.00

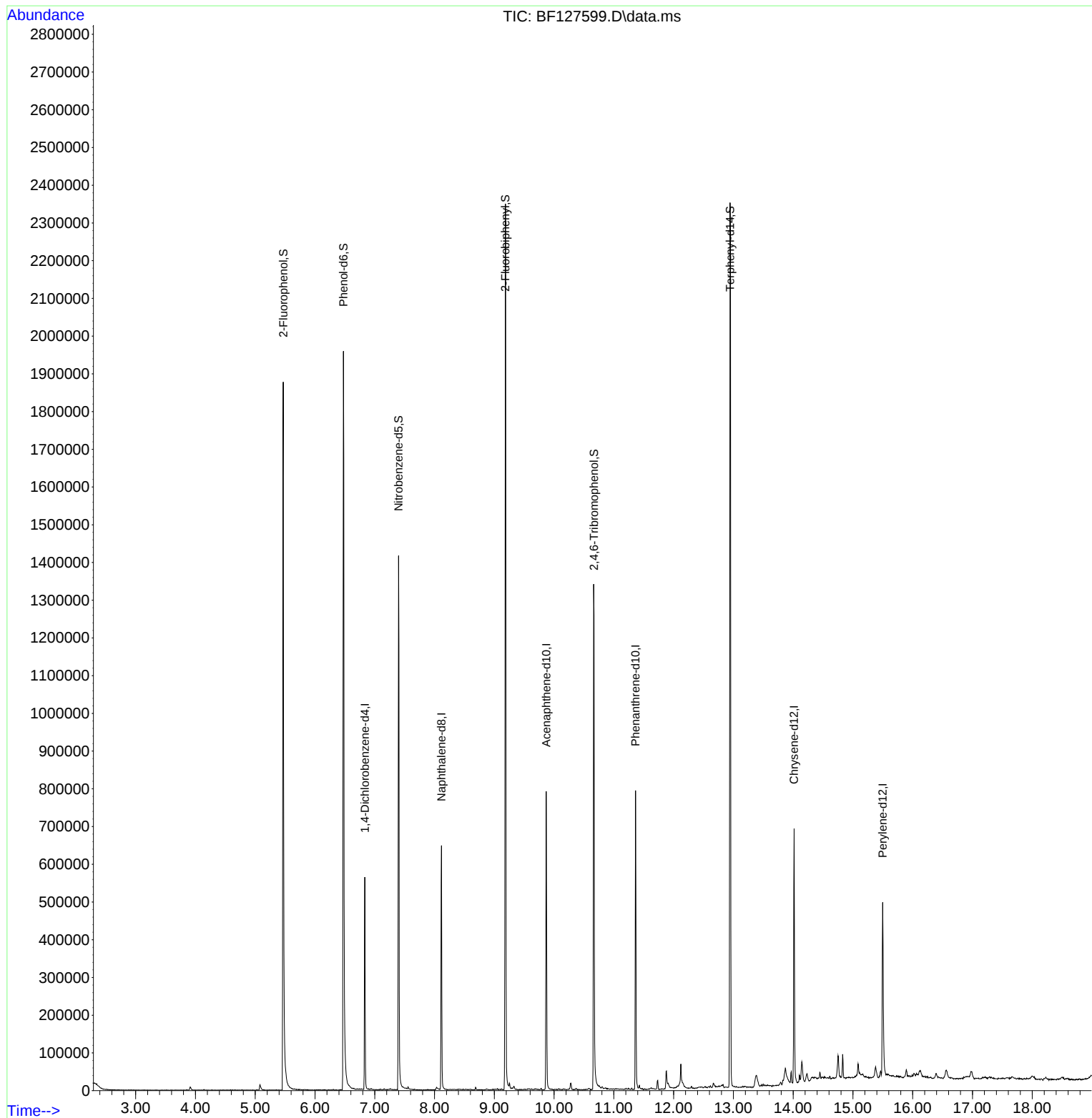
Target Compounds	Qvalue

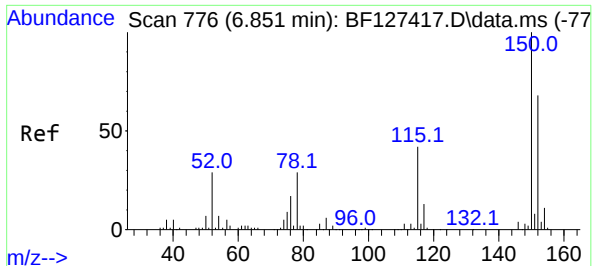
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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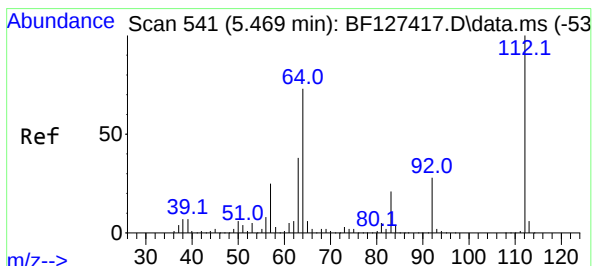
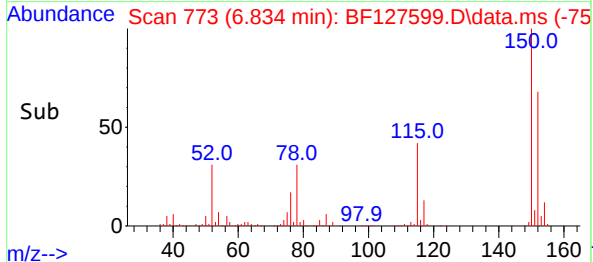
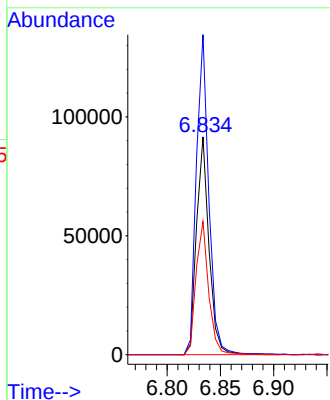
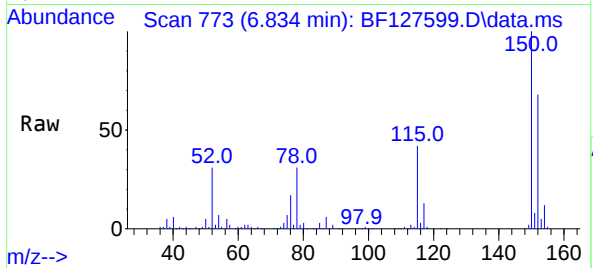




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

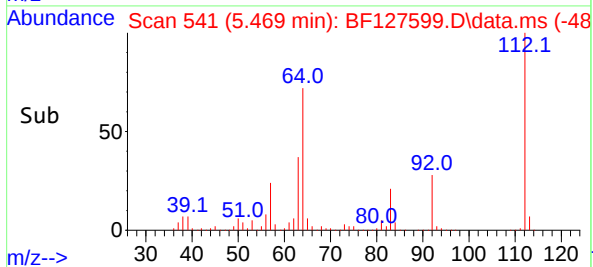
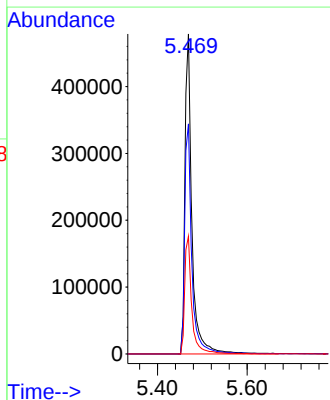
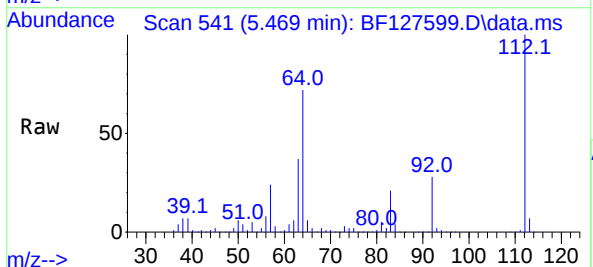
Instrument :
BNA_F
ClientSampleId :
TT-156-IDWSO-20220329-1

Tgt Ion:152 Resp: 75146
Ion Ratio Lower Upper
152 100
150 146.9 117.2 175.8
115 61.2 49.8 74.6

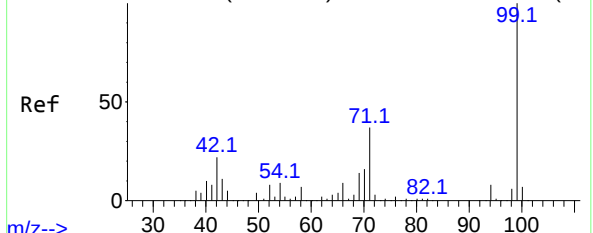


#5
2-Fluorophenol
Concen: 109.694 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

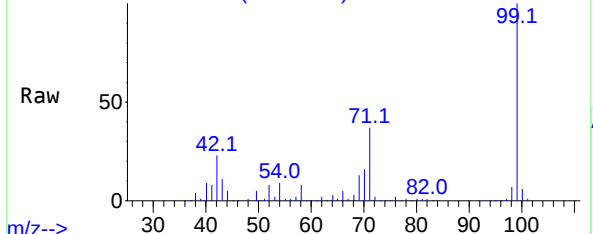
Tgt Ion:112 Resp: 516412
Ion Ratio Lower Upper
112 100
64 71.9 58.4 87.6
63 36.8 30.1 45.1



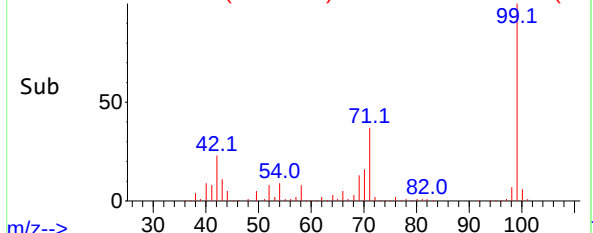
Abundance Scan 714 (6.486 min): BF127417.D\data.ms (-70



m/z--> Scan 712 (6.475 min): BF127599.D\data.ms



m/z--> Abundance Scan 712 (6.475 min): BF127599.D\data.ms (-66



m/z-->

#7

Phenol-d6

Concen: 106.054 ng

RT: 6.475 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

Instrument :

BNA_F

ClientSampleId :

TT-156-IDWSO-20220329-1

Tgt Ion: 99 Resp: 682471

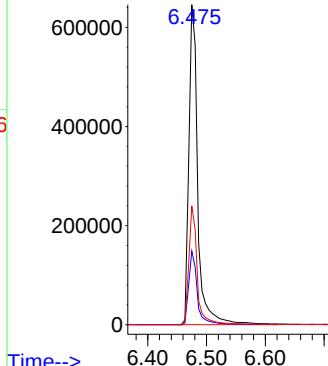
Ion Ratio Lower Upper

99 100

42 23.0 17.8 26.6

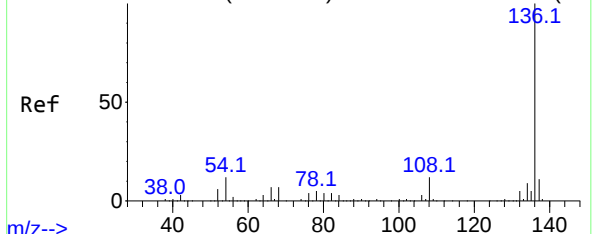
71 37.2 29.6 44.4

Abundance

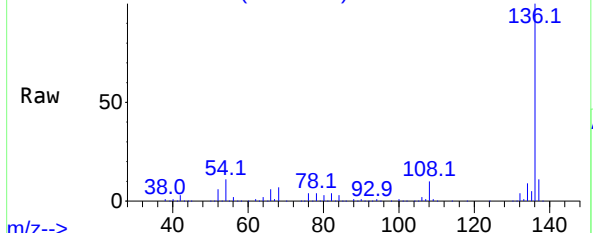


Time-->

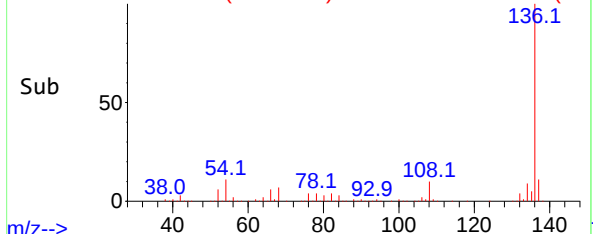
Abundance Scan 994 (8.133 min): BF127417.D\data.ms (-98



m/z--> Abundance Scan 991 (8.116 min): BF127599.D\data.ms



m/z--> Abundance Scan 991 (8.116 min): BF127599.D\data.ms (-94



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

Tgt Ion:136 Resp: 275804

Ion Ratio Lower Upper

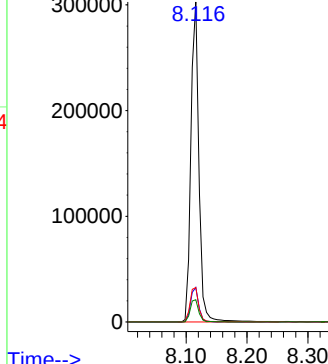
136 100

137 10.8 8.6 13.0

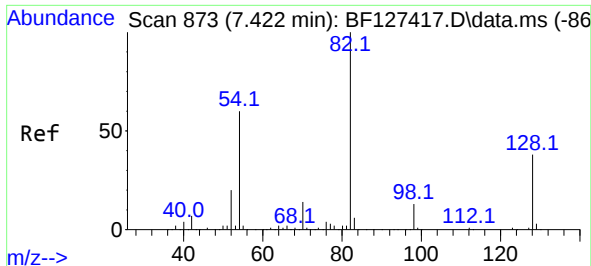
54 10.8 9.2 13.8

68 7.0 5.4 8.0

Abundance



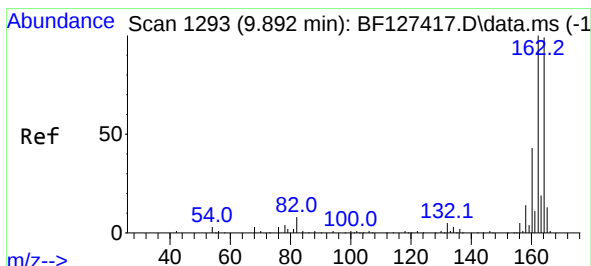
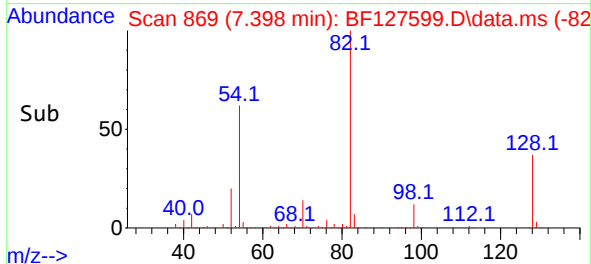
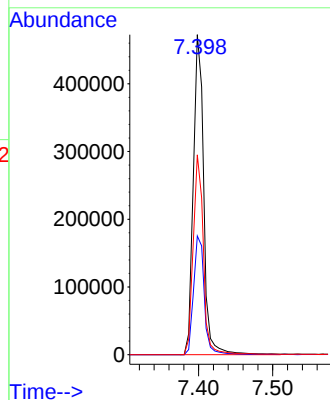
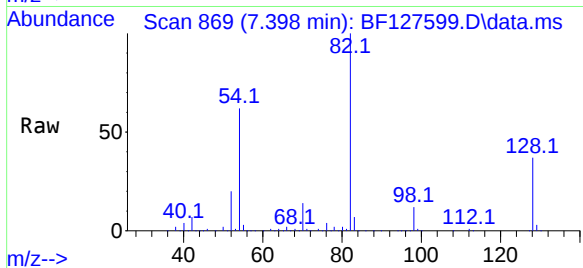
Time-->



#23
Nitrobenzene-d5
Concen: 71.555 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

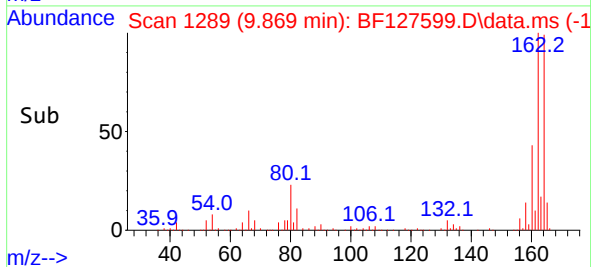
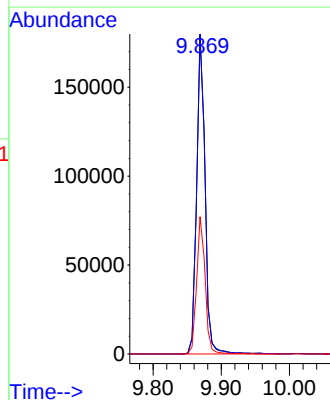
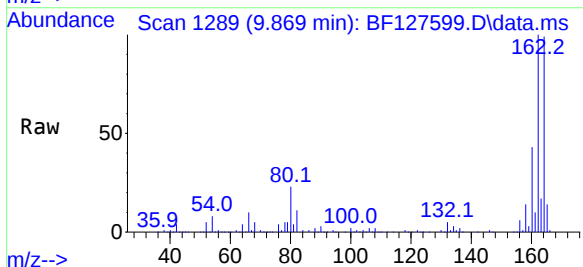
Instrument :
BNA_F
ClientSampleId :
TT-156-IDWSO-20220329-1

Tgt Ion: 82 Resp: 461689
Ion Ratio Lower Upper
82 100
128 37.1 30.6 45.8
54 62.4 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: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:164 Resp: 154181
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 43.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 102.771 ng

RT: 10.669 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

Instrument :

BNA_F

ClientSampleId :

TT-156-IDWSO-20220329-1

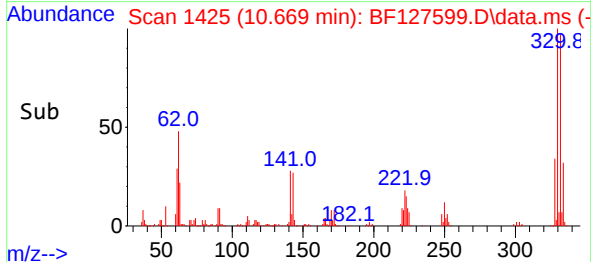
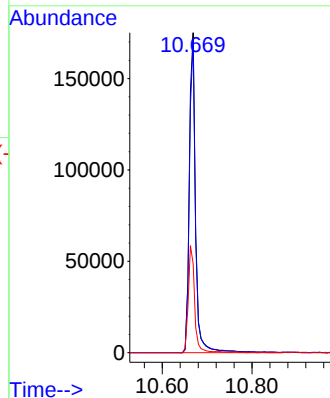
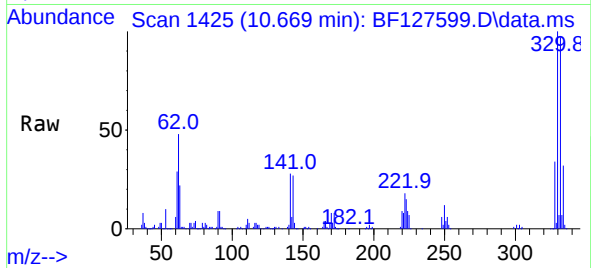
Tgt Ion:330 Resp: 168794

Ion Ratio Lower Upper

330 100

332 95.9 79.1 118.7

141 33.4 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 72.369 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF127599.D

Acq: 31 Mar 2022 12:42

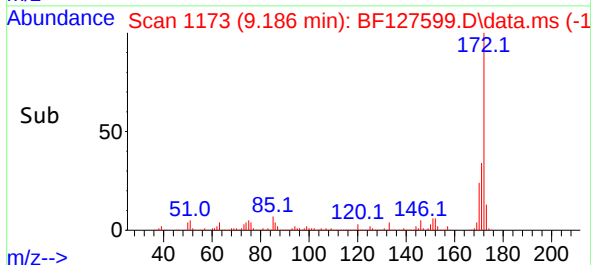
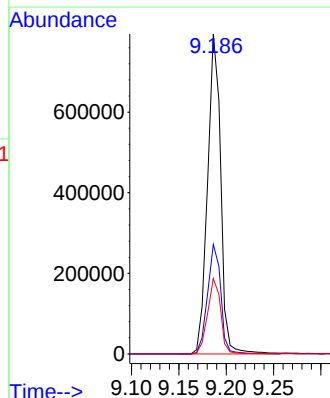
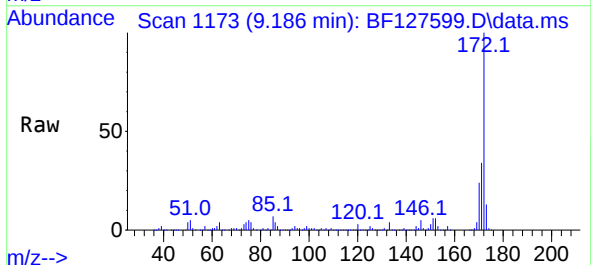
Tgt Ion:172 Resp: 764119

Ion Ratio Lower Upper

172 100

171 34.3 28.4 42.6

170 23.6 18.6 27.8

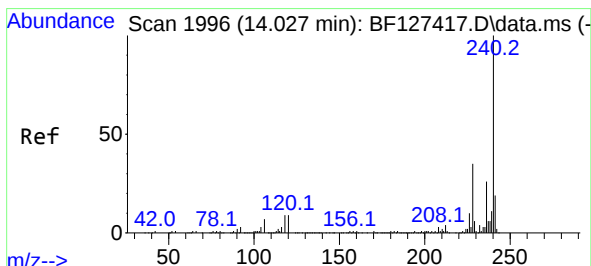
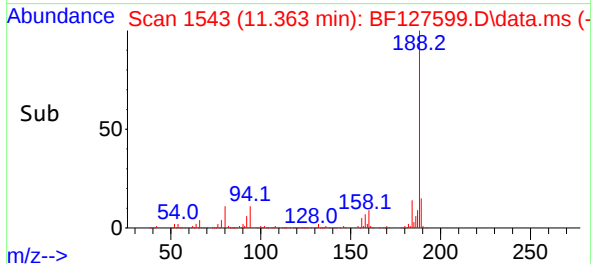
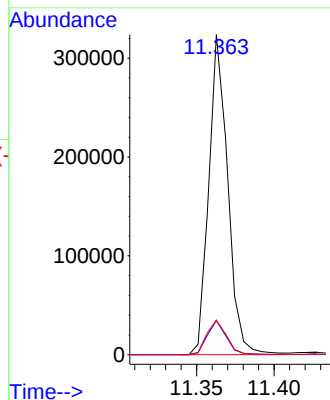
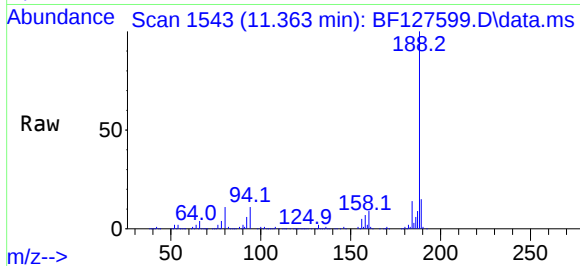




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

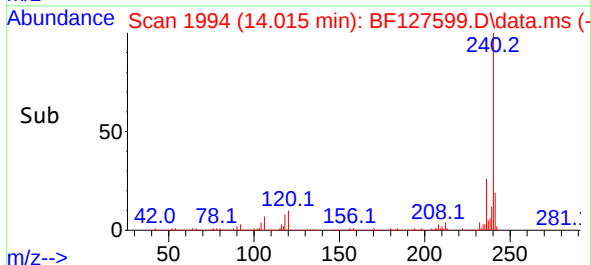
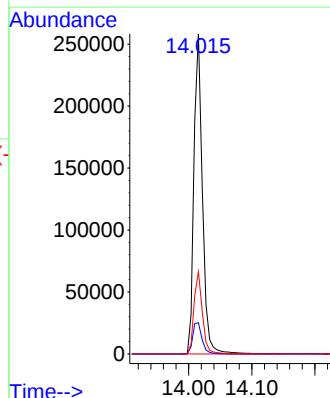
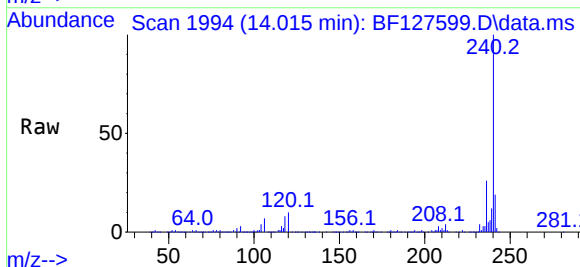
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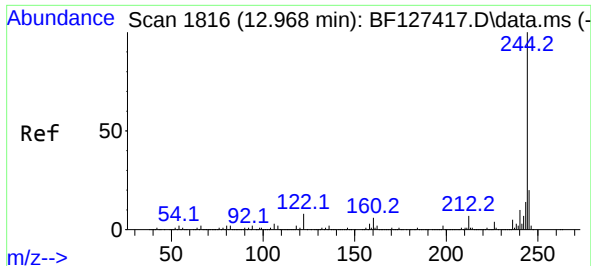
Tgt Ion:188 Resp: 275470
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.0
80 10.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:240 Resp: 241926
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.8 20.7 31.1

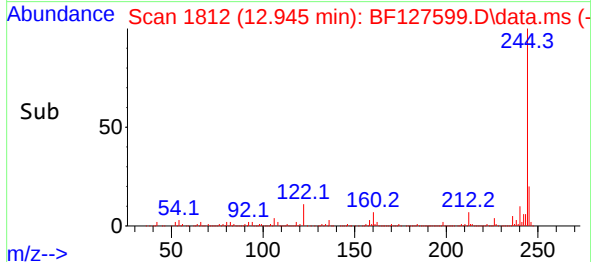
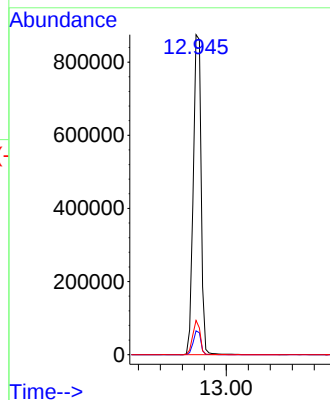
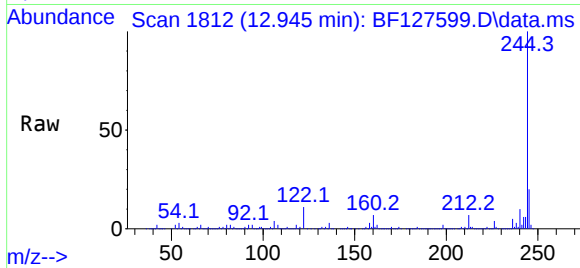




#79
Terphenyl-d14
Concen: 58.340 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF127599.D
Acq: 31 Mar 2022 12:42

Instrument :
BNA_F
ClientSampleId :
TT-156-IDWSO-20220329-1

Tgt Ion:244 Resp: 862175
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.7 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: BF127599.D
Acq: 31 Mar 2022 12:42

Tgt Ion:264 Resp: 225304
Ion Ratio Lower Upper
264 100
260 22.6 19.1 28.7
265 20.1 17.4 26.2

