

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128314.D
 Acq On : 18 May 2022 16:29
 Operator : CG\JU
 Sample : N2824-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAS-1

Quant Time: May 18 16:51:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80742	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	315787	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	177971	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	328248	20.000	ng	#-0.01
76) Chrysene-d12	14.051	240	210869	20.000	ng	-0.01
86) Perylene-d12	15.539	264	170189	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	599786	118.419	ng	0.01
7) Phenol-d6	6.510	99	720989	107.624	ng	0.00
23) Nitrobenzene-d5	7.440	82	624815	89.030	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	245916	120.481	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	982532	86.383	ng	-0.01
79) Terphenyl-d14	12.992	244	960127	85.437	ng	-0.01

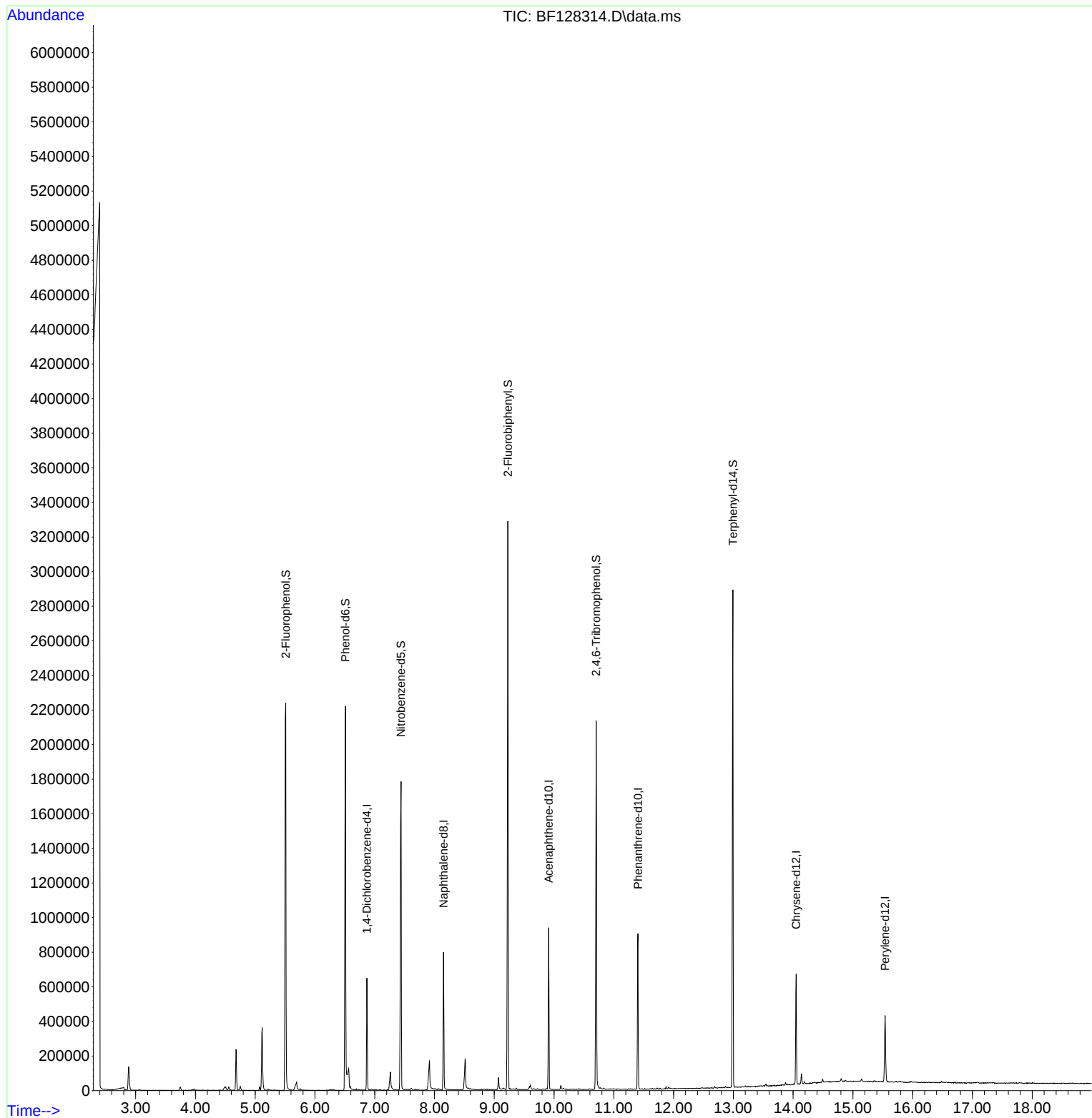
Target Compounds	Qvalue

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

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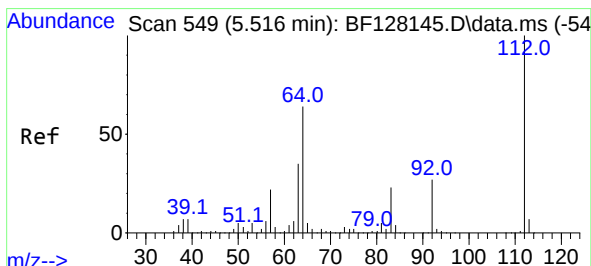
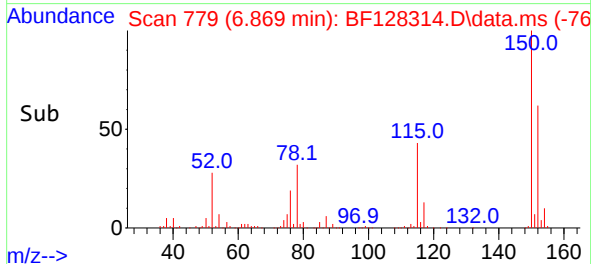
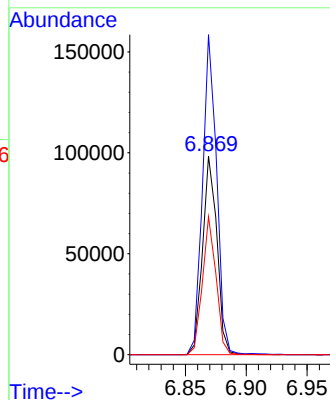
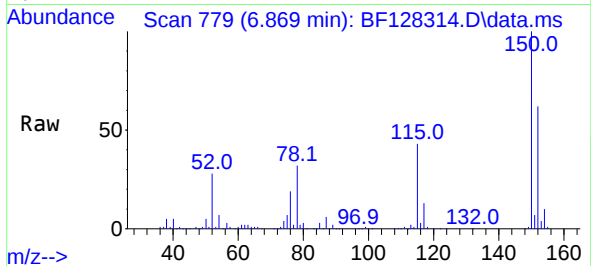




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

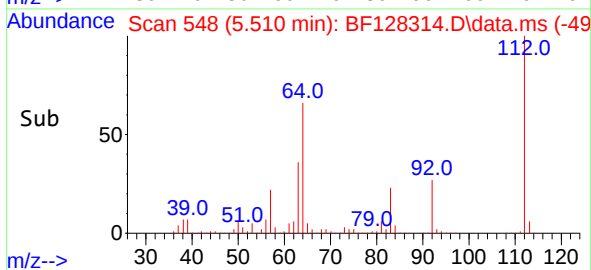
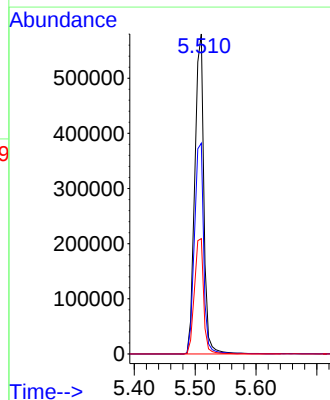
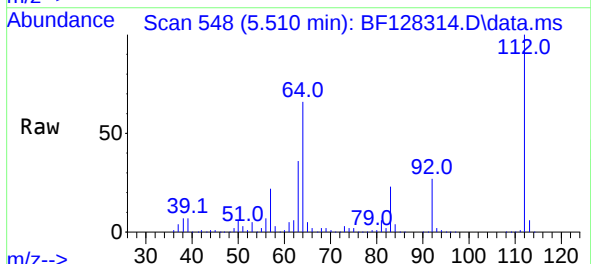
Instrument :
BNA_F
ClientSampleId :
SAS-1

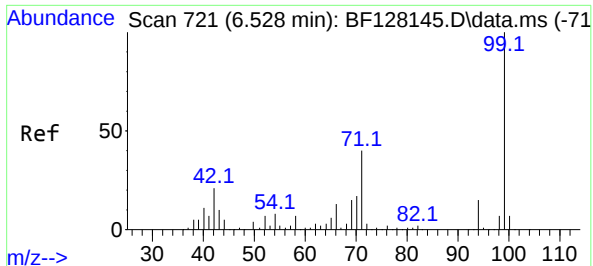
Tgt Ion:152 Resp: 80742
Ion Ratio Lower Upper
152 100
150 161.2 125.3 187.9
115 69.5 48.8 73.2



#5
2-Fluorophenol
Concen: 118.419 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.012 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

Tgt Ion:112 Resp: 599786
Ion Ratio Lower Upper
112 100
64 65.8 49.5 74.3
63 36.1 26.3 39.5

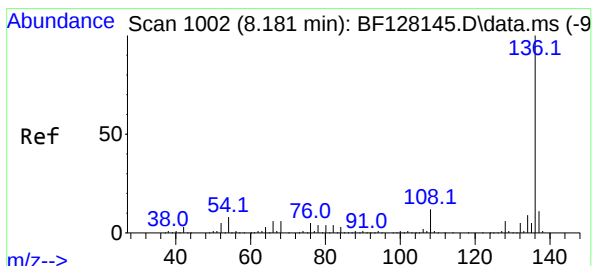
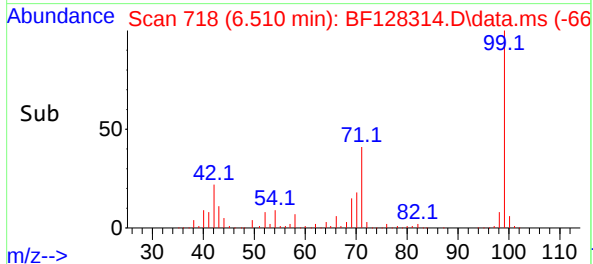
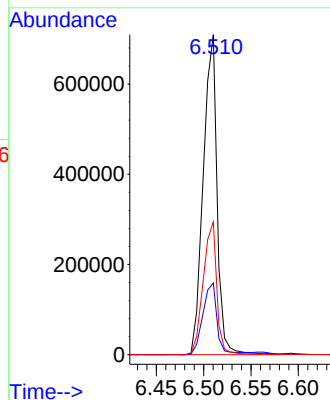
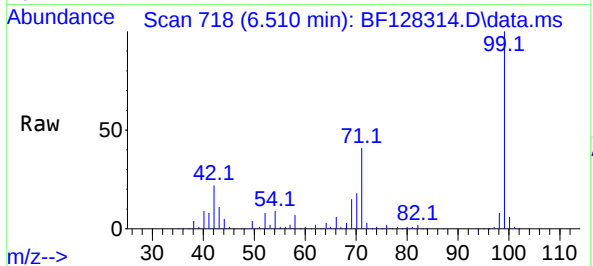




#7
Phenol-d6
Concen: 107.624 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

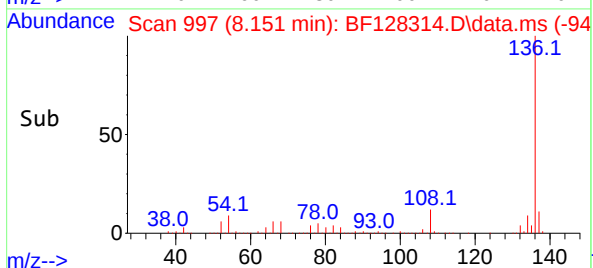
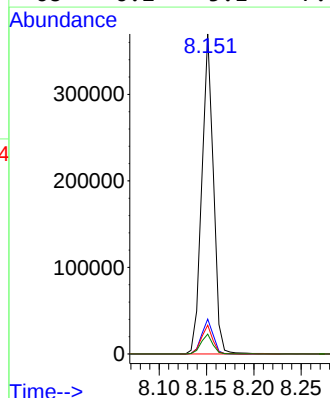
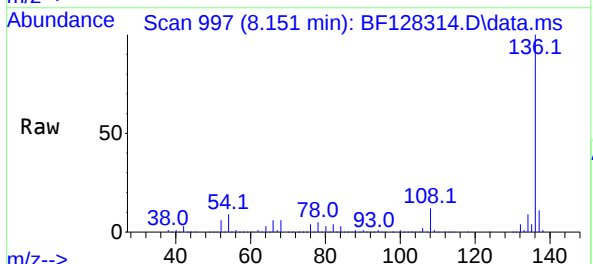
Instrument :
BNA_F
ClientSampleId :
SAS-1

Tgt Ion: 99 Resp: 720989
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

Tgt Ion: 136 Resp: 315787
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 6.8 10.2
68 6.2 5.1 7.7

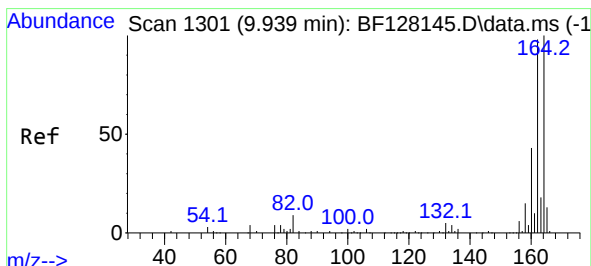
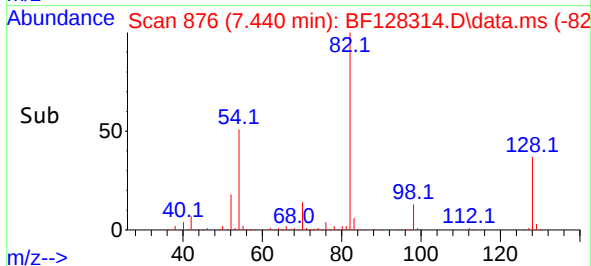
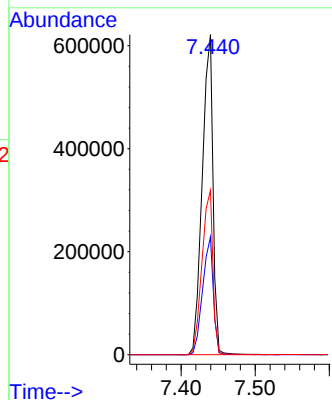
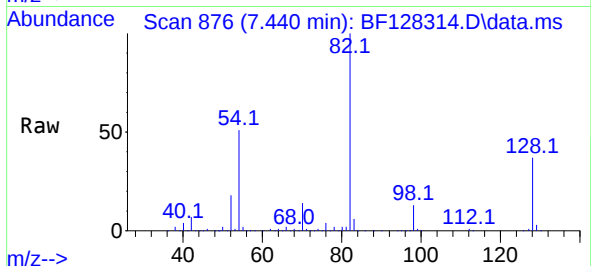




#23
Nitrobenzene-d5
Concen: 89.030 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

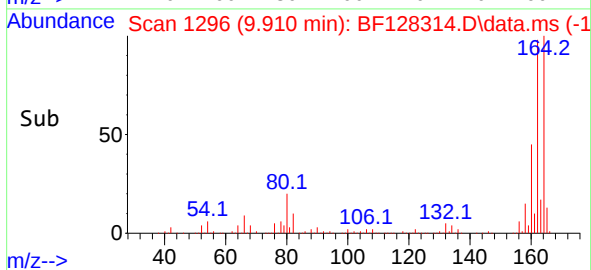
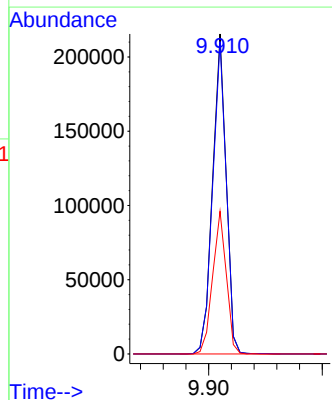
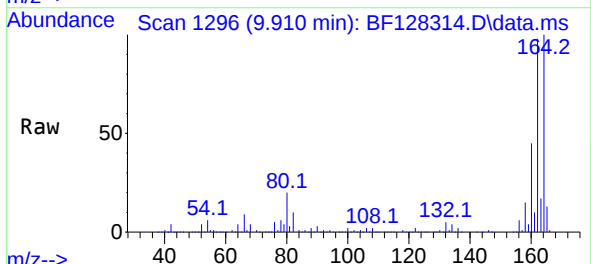
Instrument :
BNA_F
ClientSampleId :
SAS-1

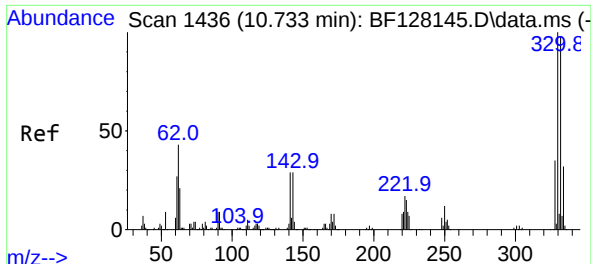
Tgt Ion: 82 Resp: 624815
Ion Ratio Lower Upper
82 100
128 36.8 30.0 45.0
54 51.3 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.012 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

Tgt Ion:164 Resp: 177971
Ion Ratio Lower Upper
164 100
162 97.7 76.0 114.0
160 44.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 120.481 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF128314.D

Acq: 18 May 2022 16:29

Instrument :

BNA_F

ClientSampleId :

SAS-1

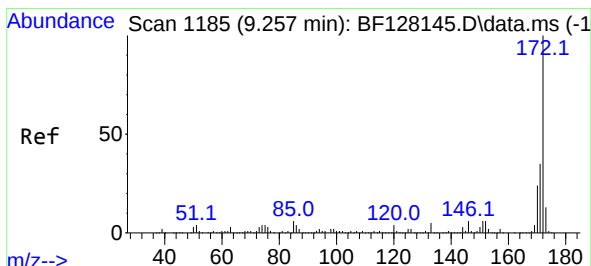
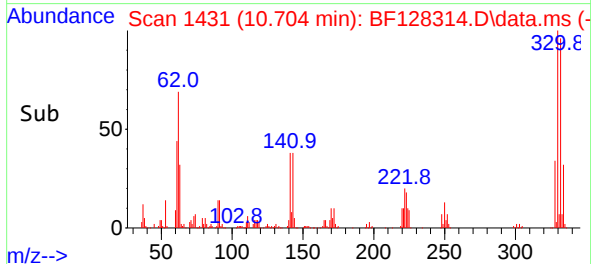
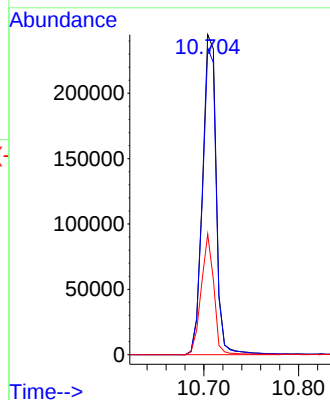
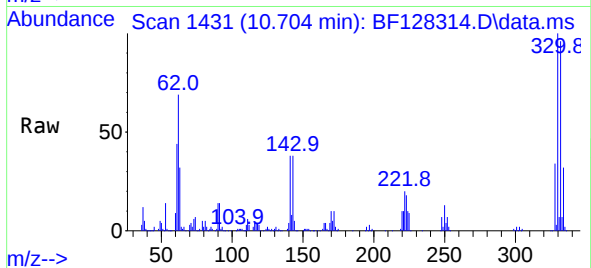
Tgt Ion:330 Resp: 245916

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 34.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 86.383 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.012 min

Lab File: BF128314.D

Acq: 18 May 2022 16:29

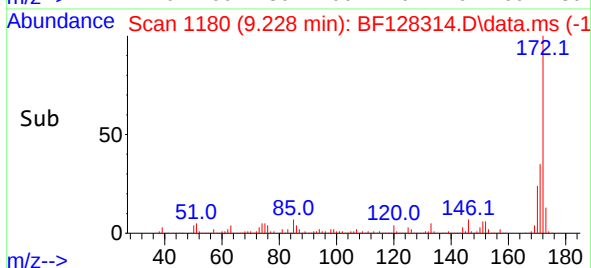
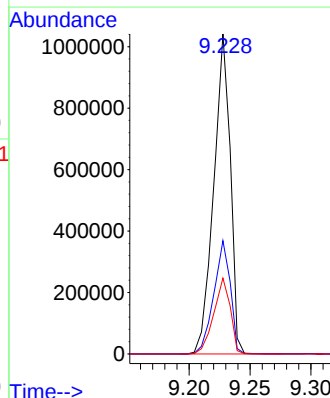
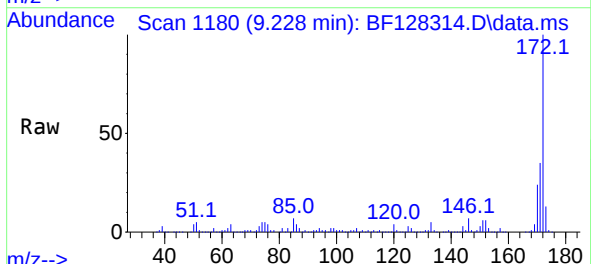
Tgt Ion:172 Resp: 982532

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.7 19.1 28.7

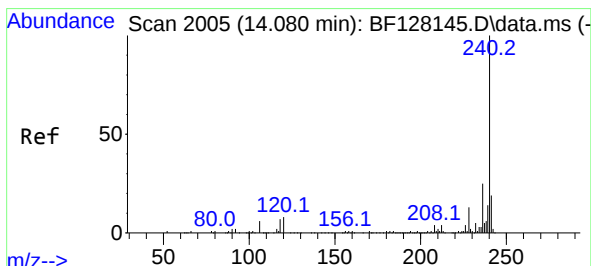
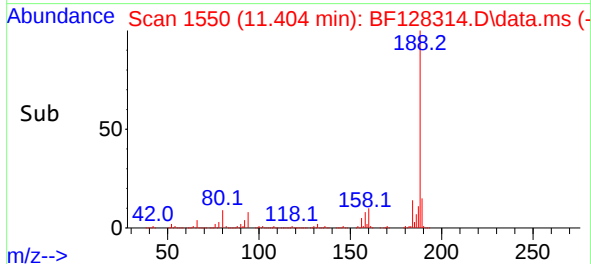
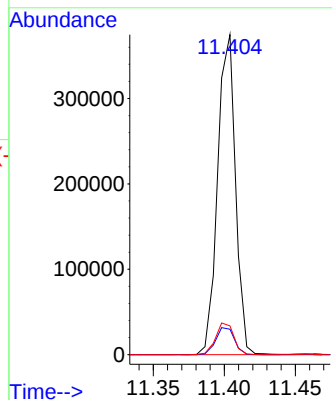
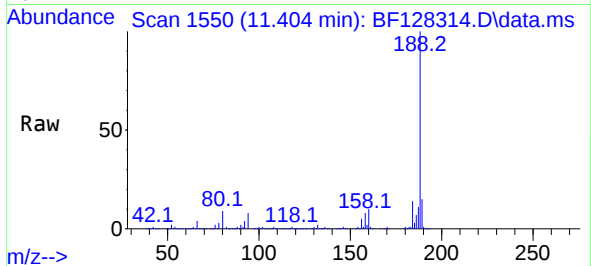




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

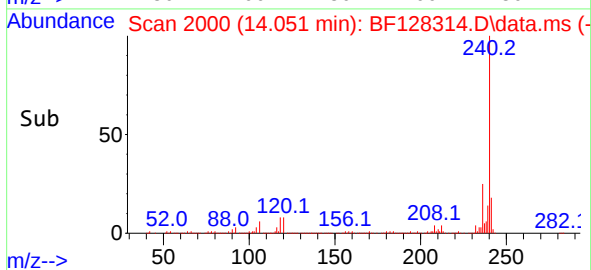
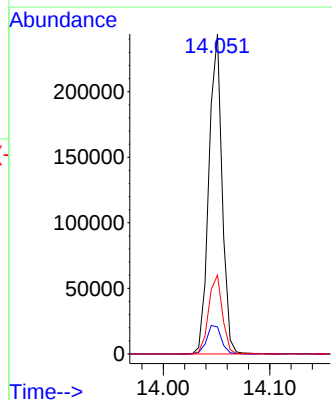
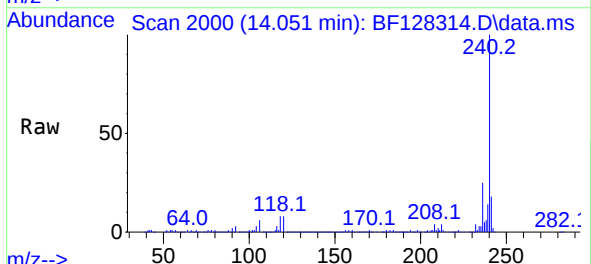
Instrument :
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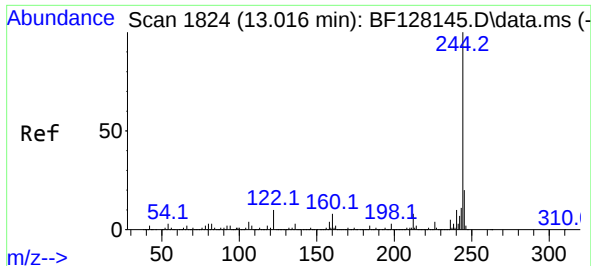
Tgt Ion:188 Resp: 328248
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0#
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.012 min
Lab File: BF128314.D
Acq: 18 May 2022 16:29

Tgt Ion:240 Resp: 210869
Ion Ratio Lower Upper
240 100
120 8.5 7.0 10.6
236 24.7 20.3 30.5

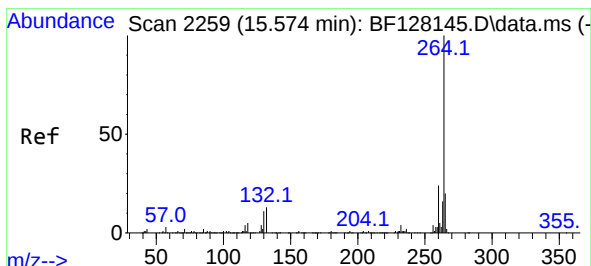
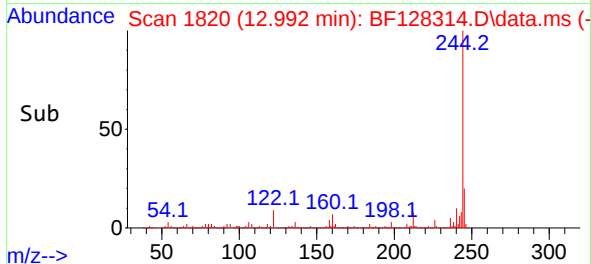
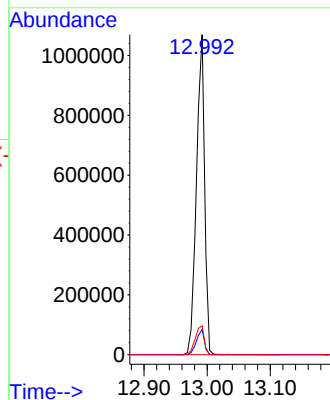
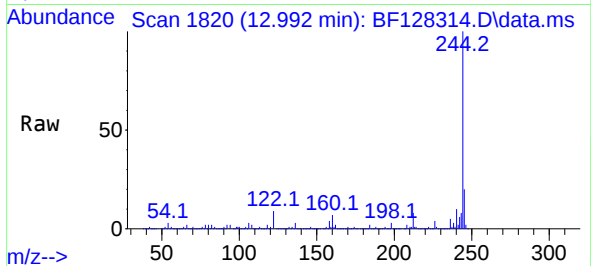




#79
 Terphenyl-d14
 Concen: 85.437 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128314.D
 Acq: 18 May 2022 16:29

Instrument :
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Tgt Ion:244 Resp: 960127
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 9.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.018 min
 Lab File: BF128314.D
 Acq: 18 May 2022 16:29

Tgt Ion:264 Resp: 170189
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.1 17.5 26.3

