

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129847.D
 Acq On : 17 Aug 2022 16:49
 Operator : CG\JU
 Sample : PB146975TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146975TB

Quant Time: Aug 18 05:30:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 05:28:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	132538	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	537441	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	281450	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	469471	20.000	ng	0.00
76) Chrysene-d12	13.986	240	356178	20.000	ng	0.00
86) Perylene-d12	15.451	264	280730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1027272	128.330	ng	0.00
7) Phenol-d6	6.469	99	1266447	126.336	ng	0.00
23) Nitrobenzene-d5	7.381	82	800014	79.685	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	329834	116.765	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1477009	79.705	ng	0.00
79) Terphenyl-d14	12.927	244	1534810	71.701	ng	0.00

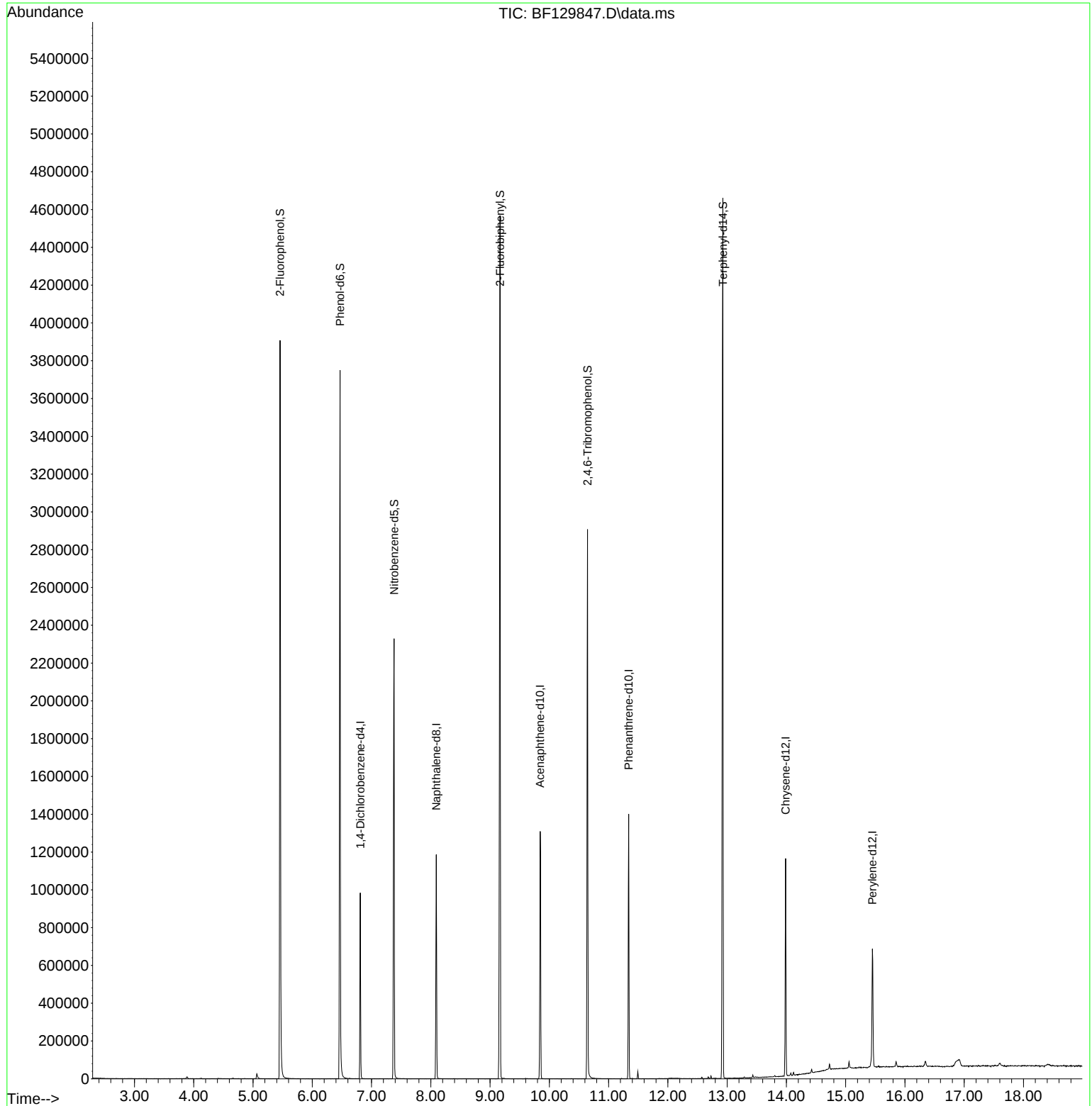
Target Compounds Qvalue

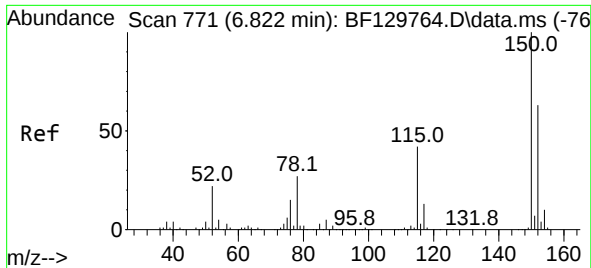
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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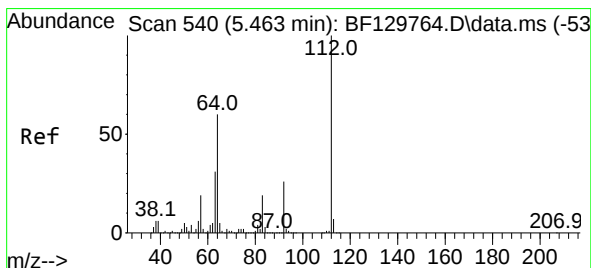
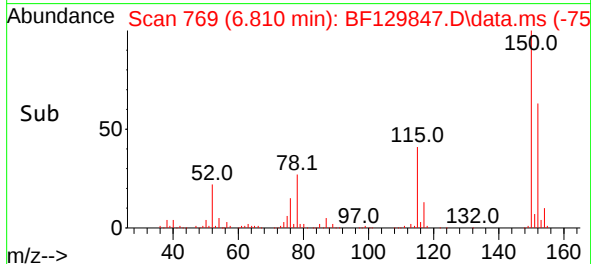
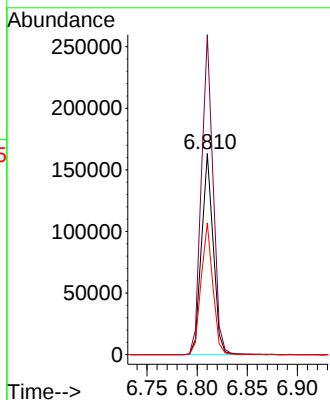
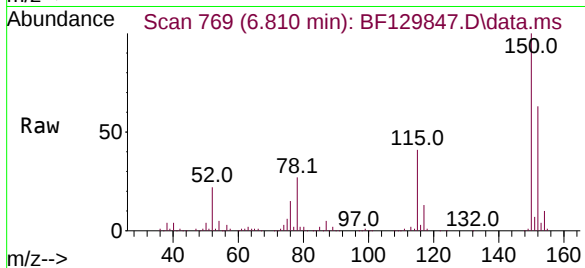




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

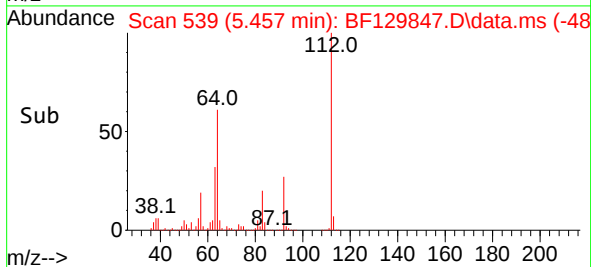
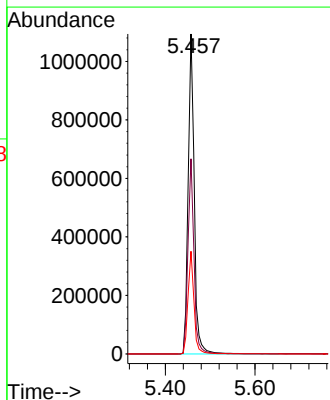
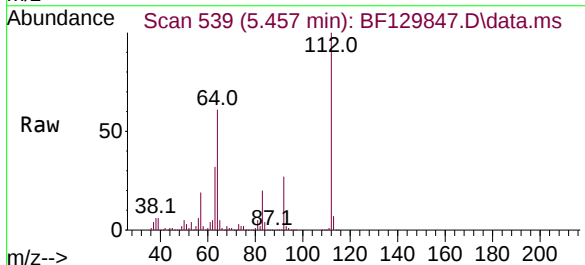
Instrument :
BNA_F
ClientSampleId :
PB146975TB

Tgt Ion:152 Resp: 132538
Ion Ratio Lower Upper
152 100
150 159.2 126.9 190.3
115 65.5 53.4 80.0



#5
2-Fluorophenol
Concen: 128.330 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion:112 Resp: 1027272
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 32.1 24.6 37.0

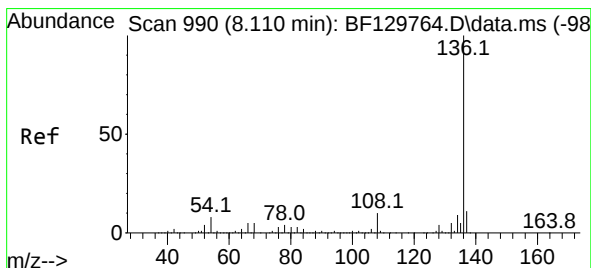
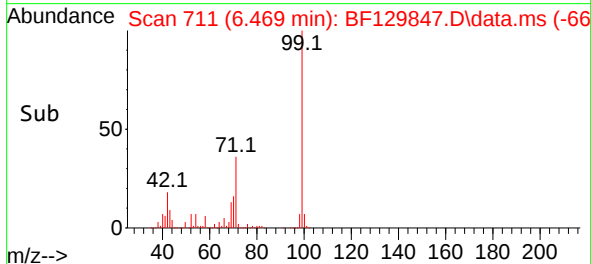
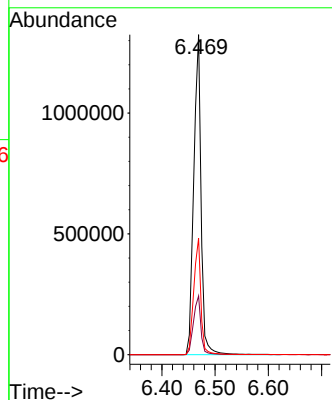
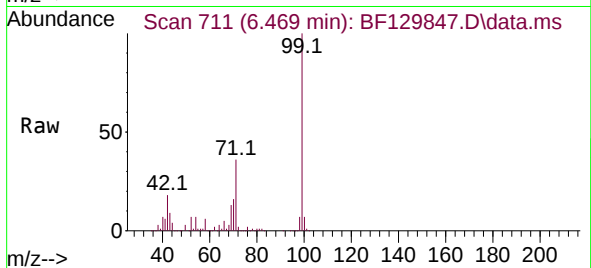




#7
Phenol-d6
Concen: 126.336 ng
RT: 6.469 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

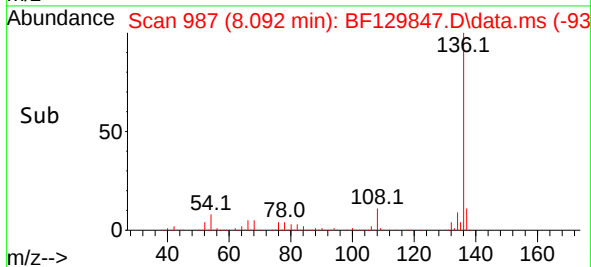
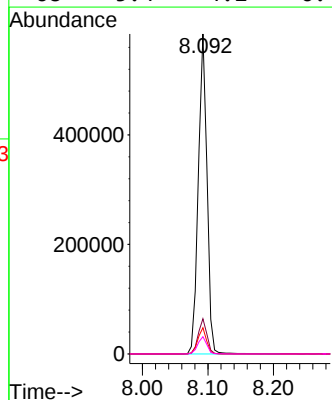
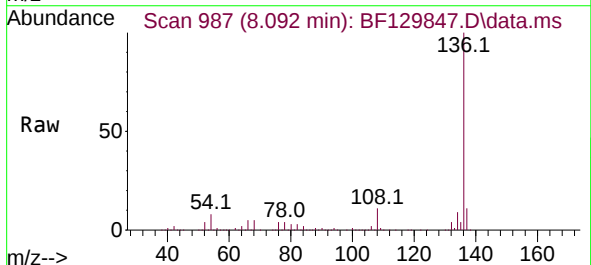
Instrument :
BNA_F
ClientSampleId :
PB146975TB

Tgt Ion: 99 Resp: 1266447
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 36.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion: 136 Resp: 537441
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 6.2 9.2
68 5.4 4.2 6.4

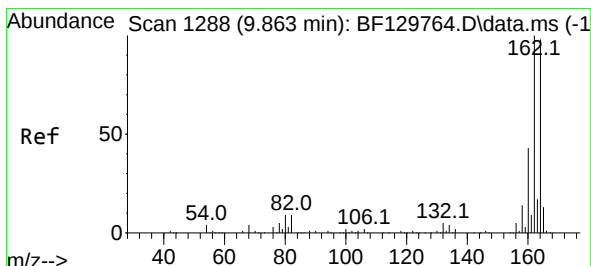
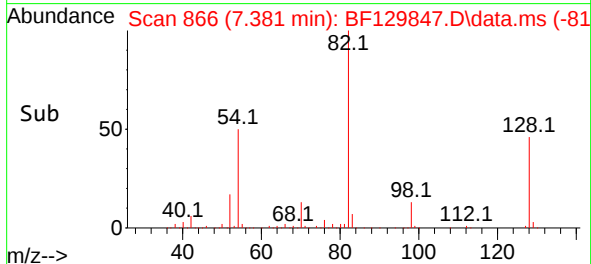
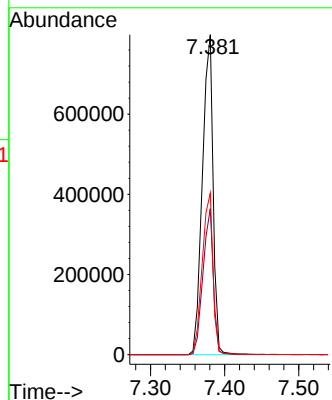
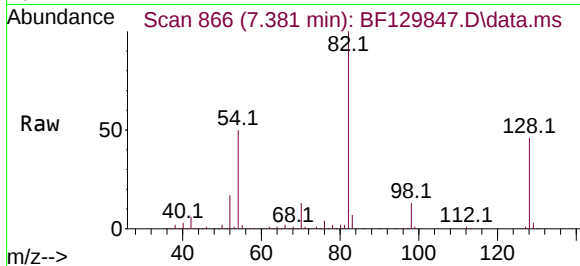




#23
Nitrobenzene-d5
Concen: 79.685 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

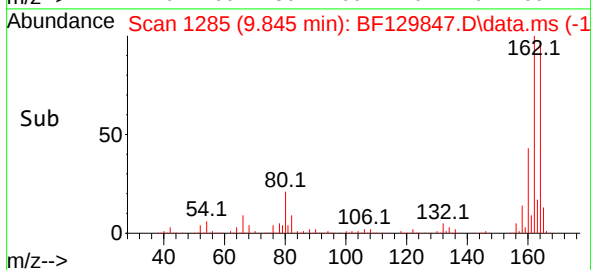
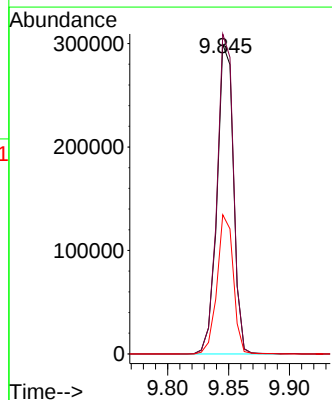
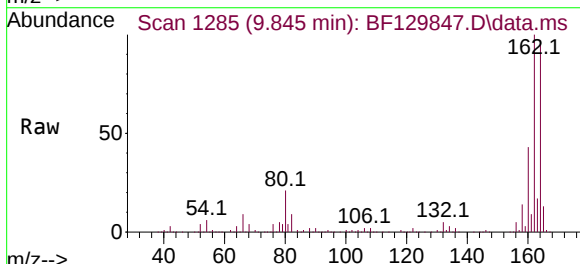
Instrument :
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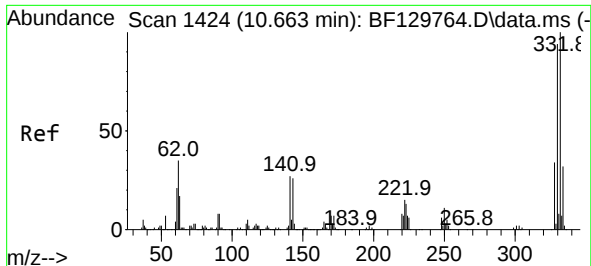
Tgt Ion: 82 Resp: 800014
Ion Ratio Lower Upper
82 100
128 45.6 36.1 54.1
54 50.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion: 164 Resp: 281450
Ion Ratio Lower Upper
164 100
162 103.3 82.0 123.0
160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 116.765 ng

RT: 10.645 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF129847.D

Acq: 17 Aug 2022 16:49

Instrument :

BNA_F

ClientSampleId :

PB146975TB

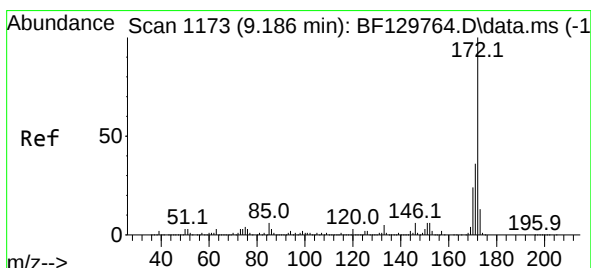
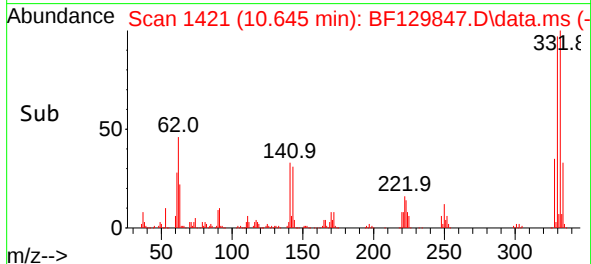
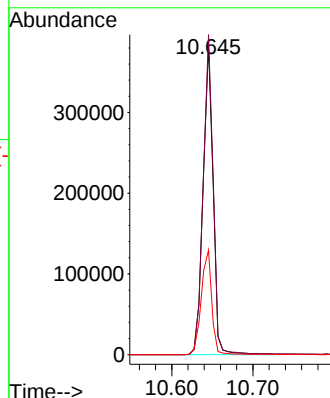
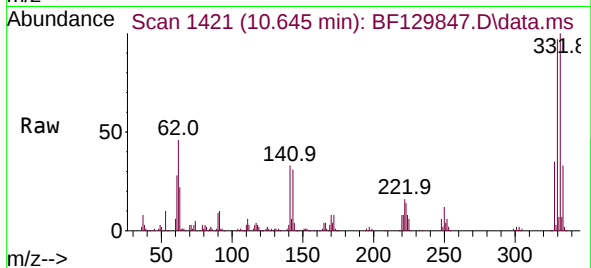
Tgt Ion:330 Resp: 329834

Ion Ratio Lower Upper

330 100

332 103.0 82.6 124.0

141 35.0 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 79.705 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF129847.D

Acq: 17 Aug 2022 16:49

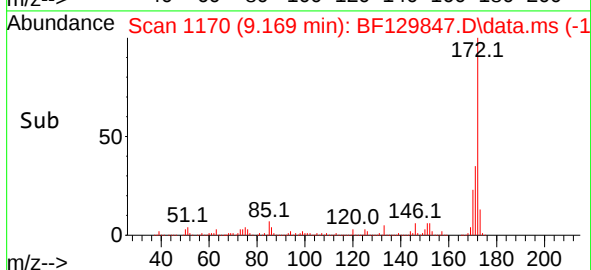
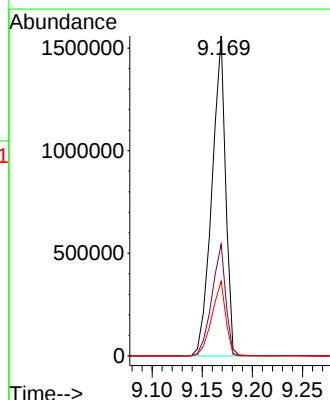
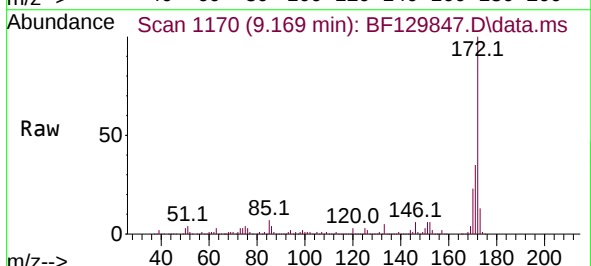
Tgt Ion:172 Resp: 1477009

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.3 19.1 28.7

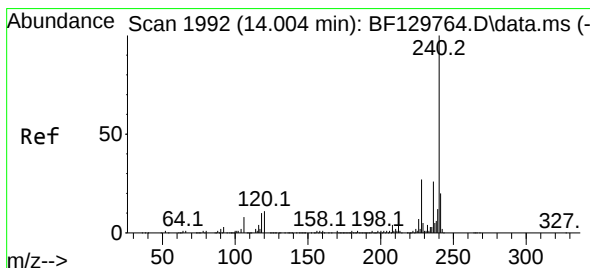
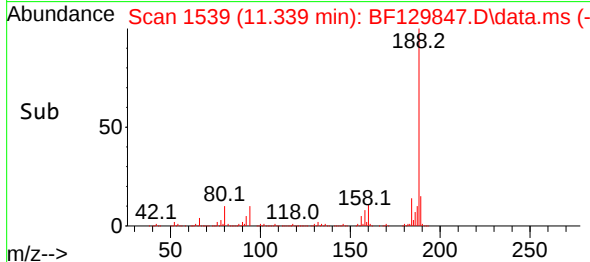
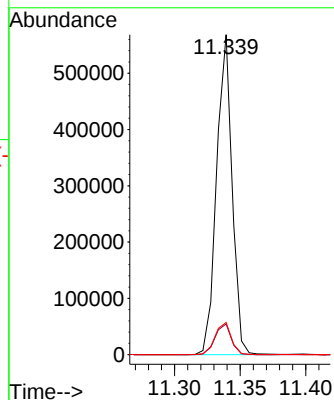
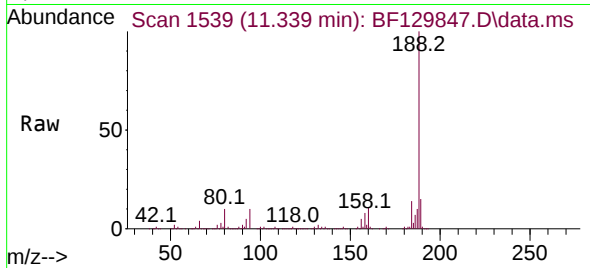




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

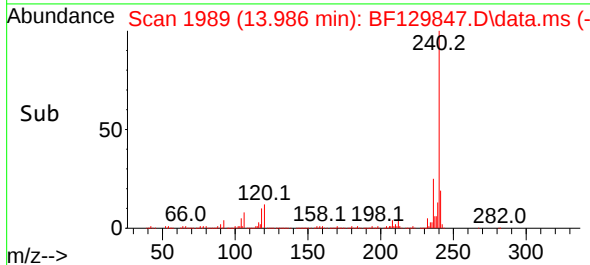
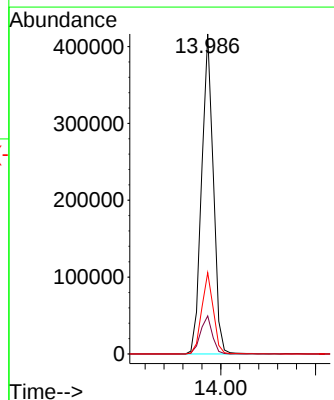
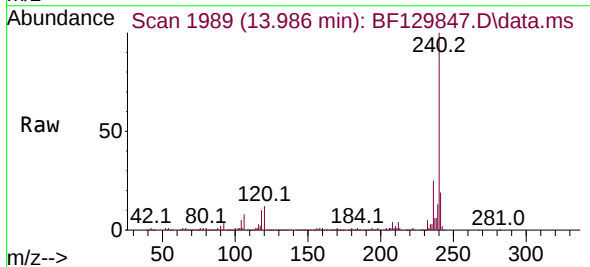
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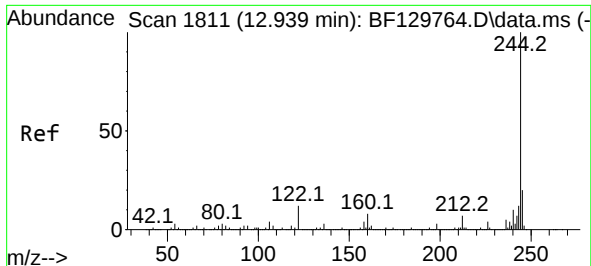
Tgt Ion:188 Resp: 469471
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129847.D
Acq: 17 Aug 2022 16:49

Tgt Ion:240 Resp: 356178
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.4 20.7 31.1

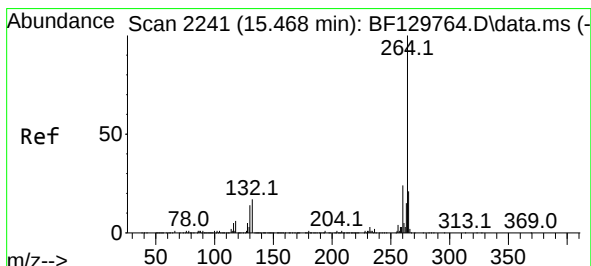
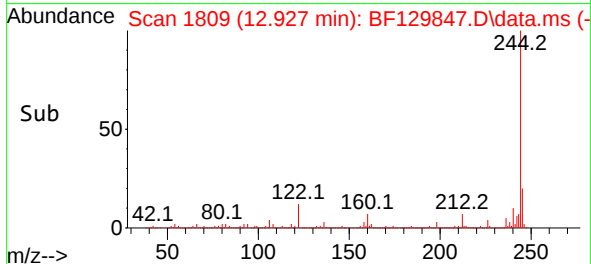
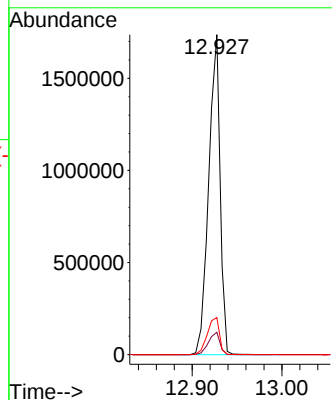
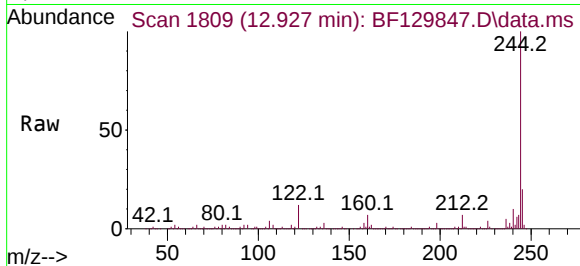




#79
 Terphenyl-d14
 Concen: 71.701 ng
 RT: 12.927 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129847.D
 Acq: 17 Aug 2022 16:49

Instrument :
 BNA_F
 ClientSampleId :
 PB146975TB

Tgt Ion:244 Resp: 1534810
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: BF129847.D
 Acq: 17 Aug 2022 16:49

Tgt Ion:264 Resp: 280730
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.5 16.7 25.1

