

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031422\
 Data File : BF127312.D
 Acq On : 14 Mar 2022 10:43
 Operator : CG\JU
 Sample : PB143208BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143208BL

Quant Time: Mar 14 12:18:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	129160	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	488810	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	285214	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	515694	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	405222	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	325475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	989413	123.145	ng	0.02
7) Phenol-d6	6.504	99	1389139	125.683	ng	0.00
23) Nitrobenzene-d5	7.439	82	978625	82.681	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	383434	124.885	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1634852	81.039	ng	0.00
79) Terphenyl-d14	12.992	244	1883204	80.025	ng	0.00

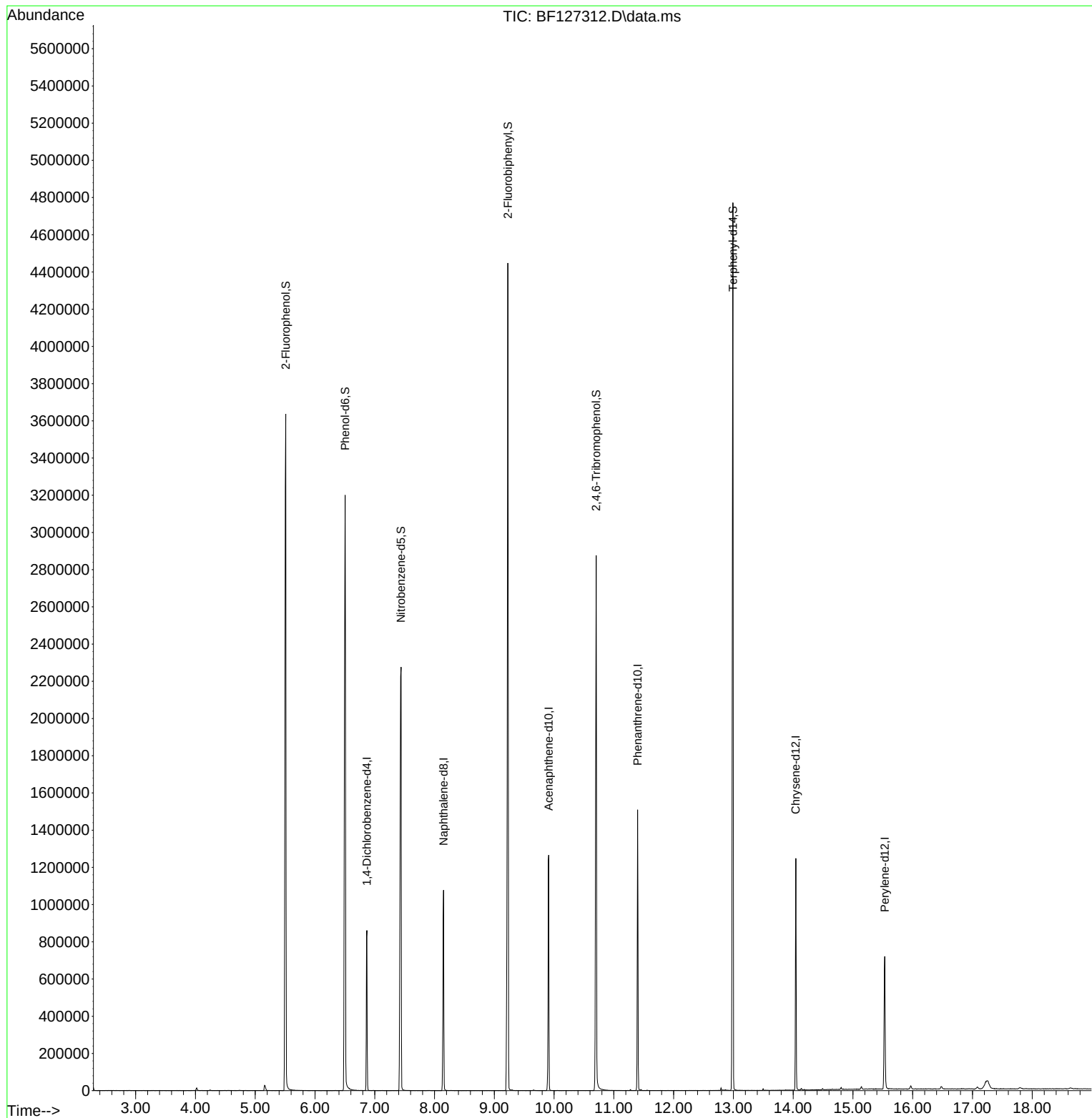
Target Compounds	Qvalue

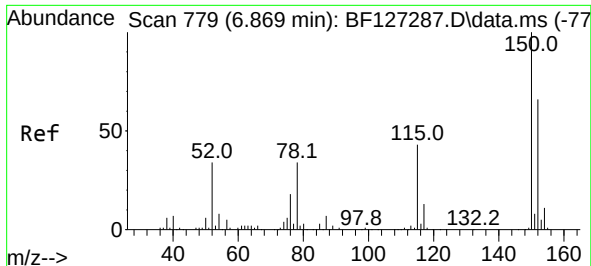
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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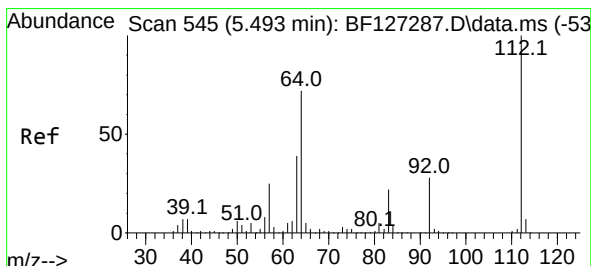
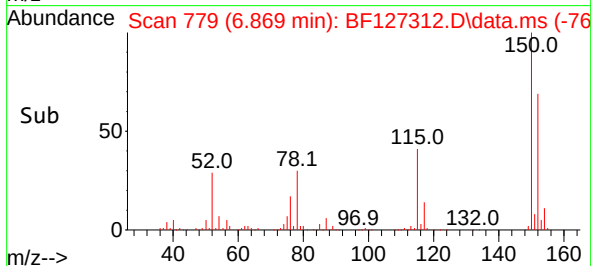
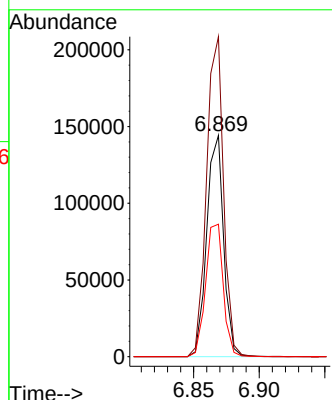
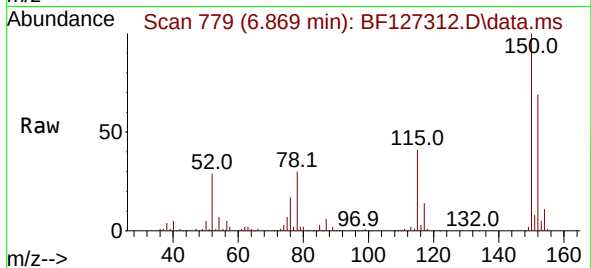




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

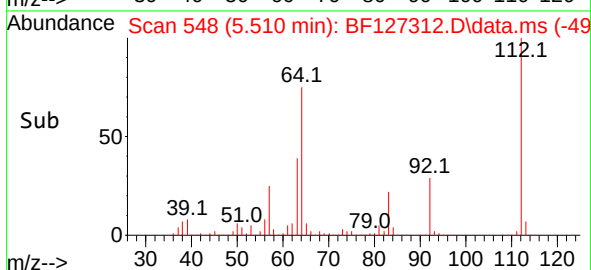
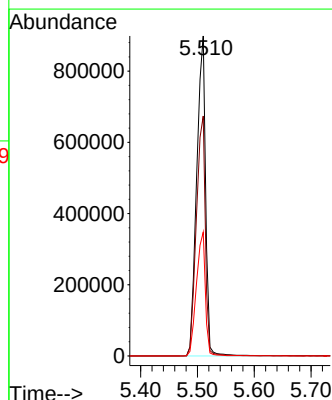
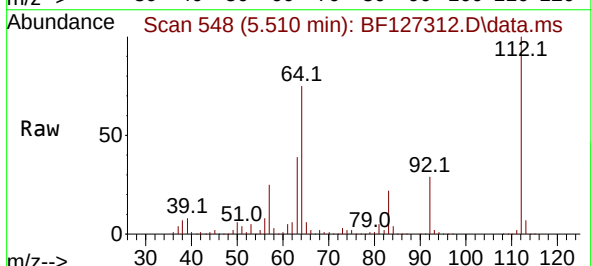
Instrument :
BNA_F
ClientSampleId :
PB143208BL

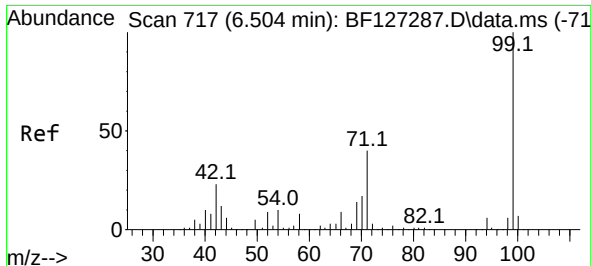
Tgt Ion:152 Resp: 129160
Ion Ratio Lower Upper
152 100
150 144.7 128.1 192.1
115 59.9 56.7 85.1



#5
2-Fluorophenol
Concen: 123.145 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.018 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

Tgt Ion:112 Resp: 989413
Ion Ratio Lower Upper
112 100
64 75.0 49.5 74.3#
63 38.7 23.9 35.9#

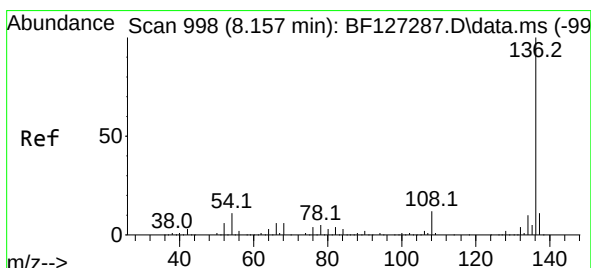
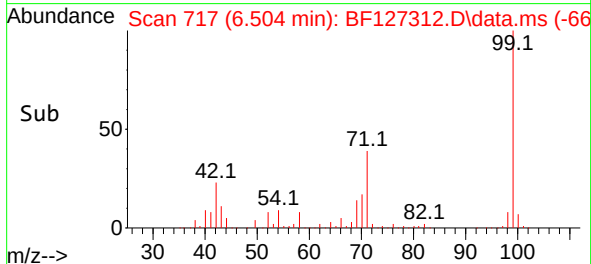
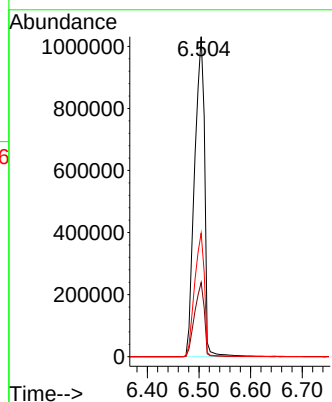
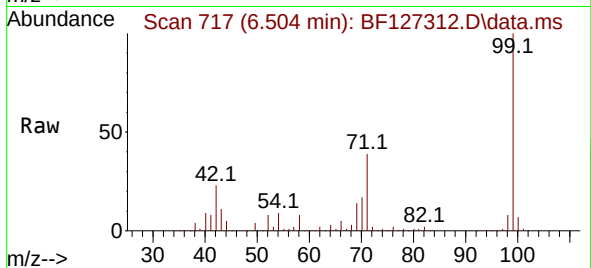




#7
Phenol-d6
Concen: 125.683 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

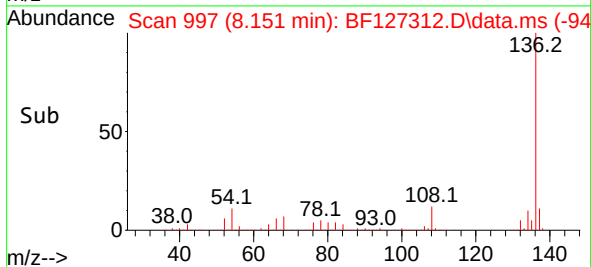
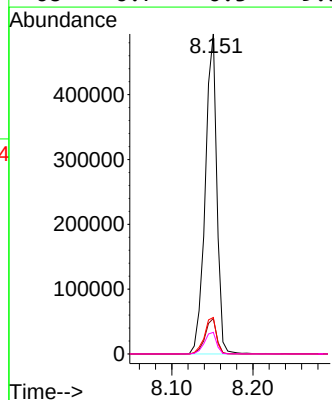
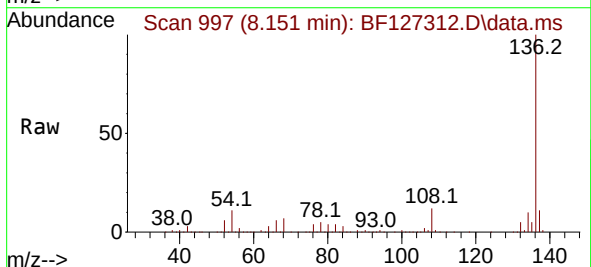
Instrument :
BNA_F
ClientSampleId :
PB143208BL

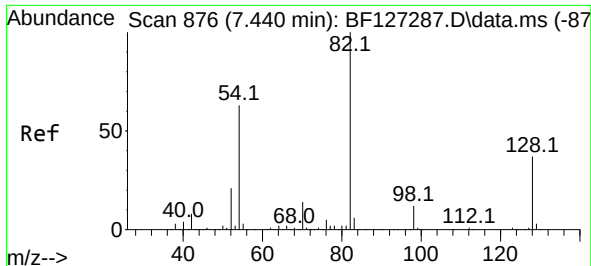
Tgt Ion: 99 Resp: 1389139
Ion Ratio Lower Upper
99 100
42 23.2 14.2 21.4#
71 38.6 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

Tgt Ion: 136 Resp: 488810
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 11.4 7.8 11.6
68 6.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 82.681 ng

RT: 7.439 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB143208BL

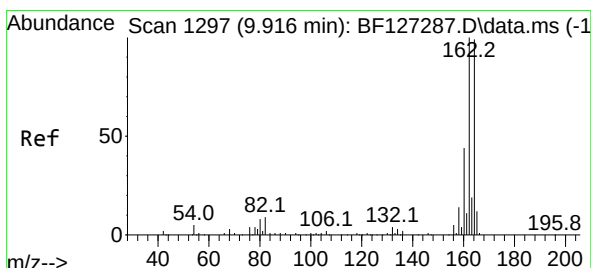
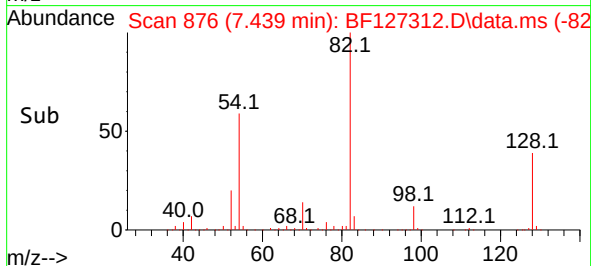
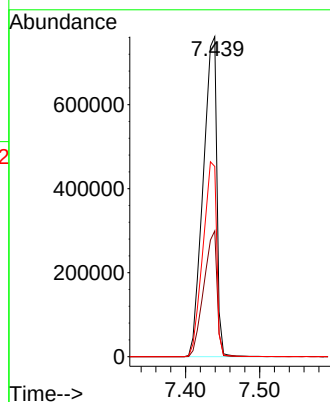
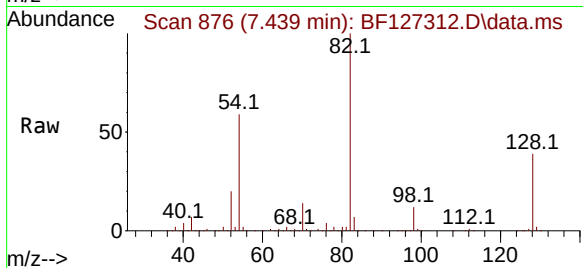
Tgt Ion: 82 Resp: 978625

Ion Ratio Lower Upper

82 100

128 39.3 32.7 49.1

54 59.4 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF127312.D

Acq: 14 Mar 2022 10:43

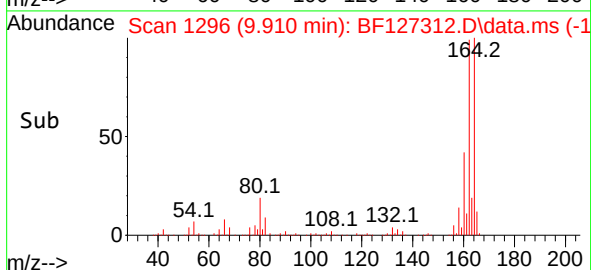
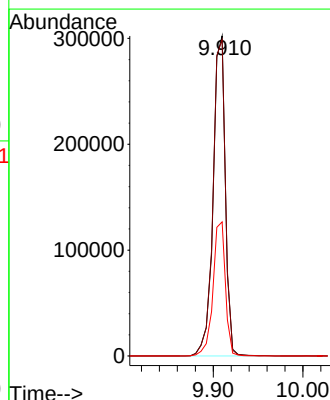
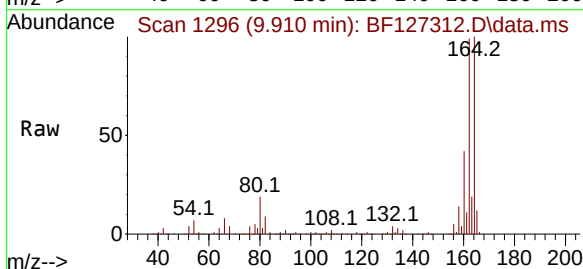
Tgt Ion:164 Resp: 285214

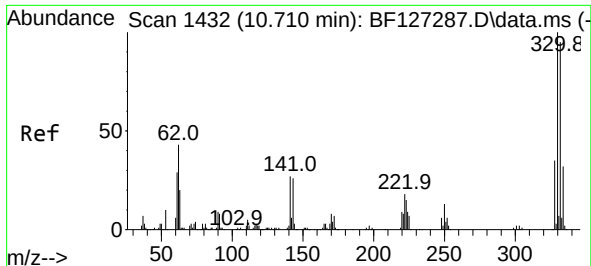
Ion Ratio Lower Upper

164 100

162 98.8 81.4 122.0

160 41.9 36.6 54.8

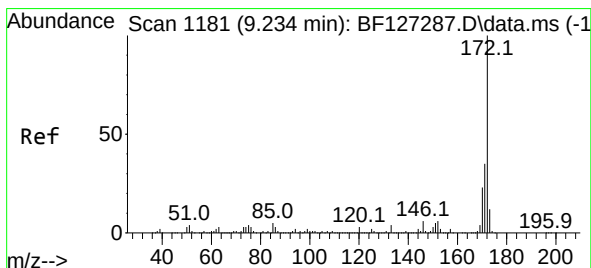
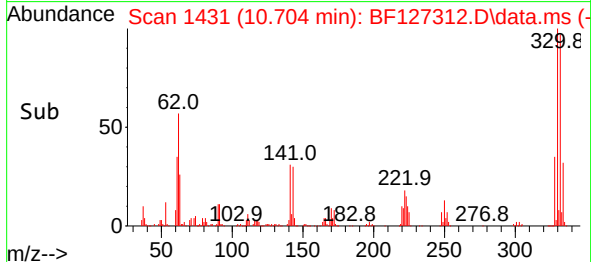
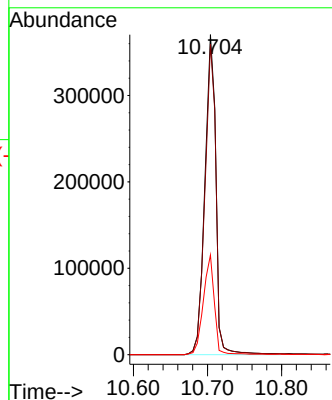
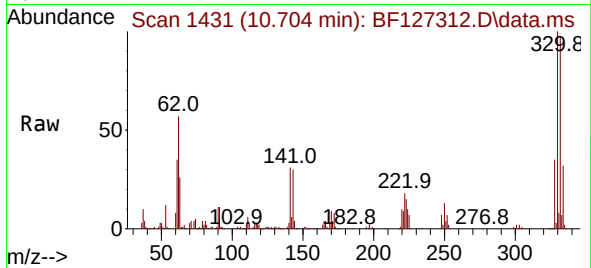




#42
2,4,6-Tribromophenol
Concen: 124.885 ng
RT: 10.704 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

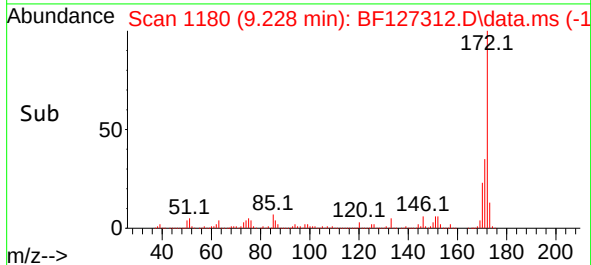
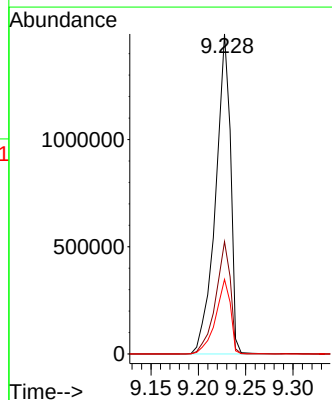
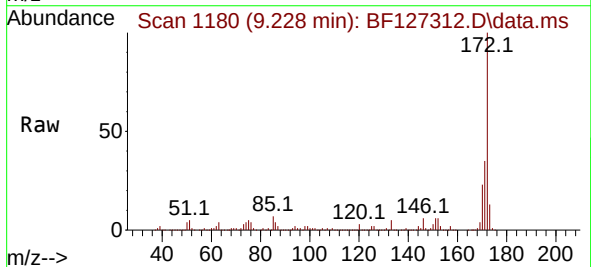
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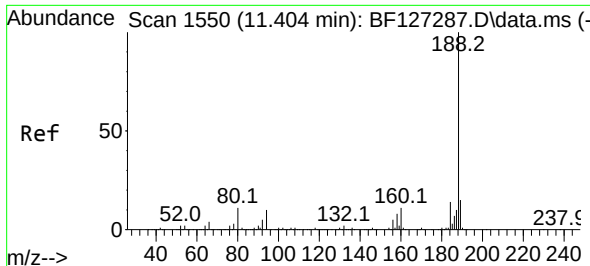
Tgt Ion: 330 Resp: 383434
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 31.3 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 81.039 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

Tgt Ion: 172 Resp: 1634852
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 19.0 28.6

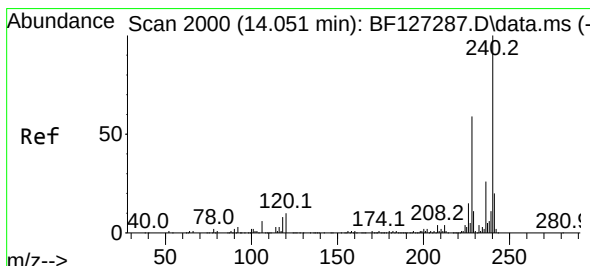
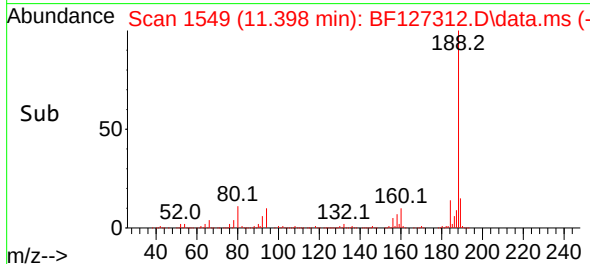
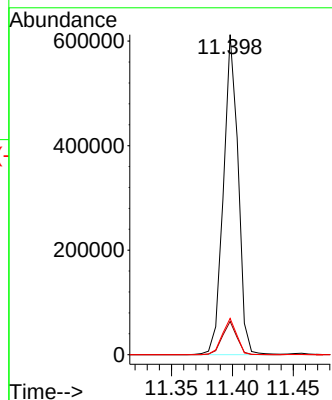
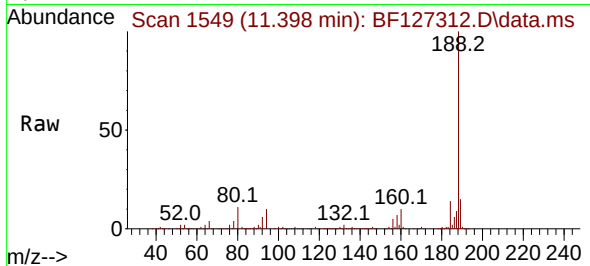




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

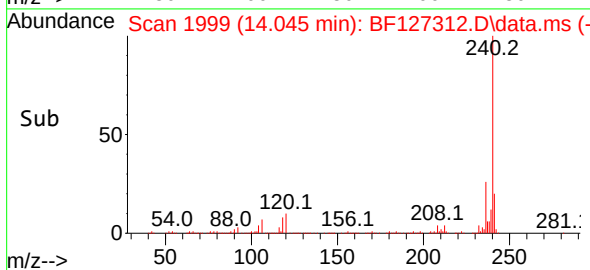
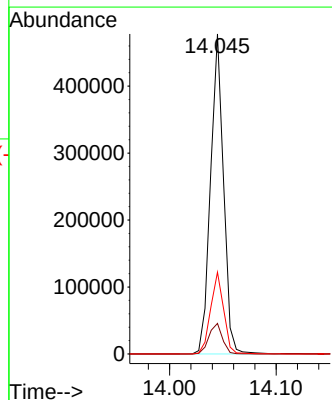
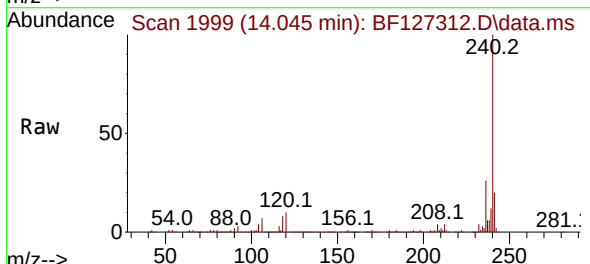
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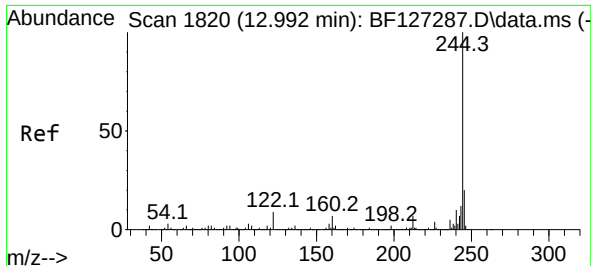
Tgt Ion:188 Resp: 515694
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 11.3 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127312.D
Acq: 14 Mar 2022 10:43

Tgt Ion:240 Resp: 405222
Ion Ratio Lower Upper
240 100
120 9.6 14.4 21.6#
236 25.5 20.5 30.7

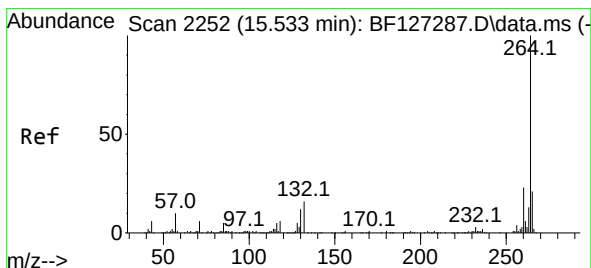
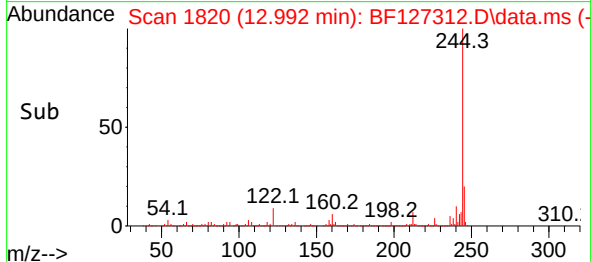
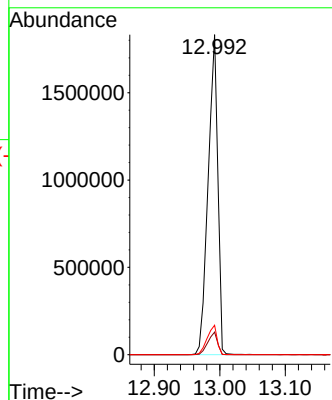
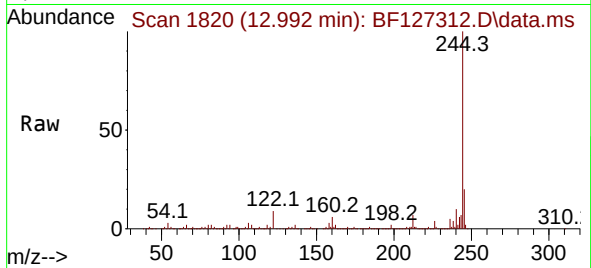




#79
 Terphenyl-d14
 Concen: 80.025 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127312.D
 Acq: 14 Mar 2022 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB143208BL

Tgt Ion:244 Resp: 1883204
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 9.2 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2252
 Delta R.T. -0.000 min
 Lab File: BF127312.D
 Acq: 14 Mar 2022 10:43

Tgt Ion:264 Resp: 325475
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.1 17.4 26.2

