

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129450.D
 Acq On : 29 Jul 2022 19:43
 Operator : CG\JU
 Sample : N3858-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-A

Quant Time: Jul 30 01:10:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	186311	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	745565	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	394344	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	591154	20.000	ng	0.00
76) Chrysene-d12	14.063	240	317868	20.000	ng	0.00
86) Perylene-d12	15.557	264	367519	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1349384	117.983	ng	0.04
7) Phenol-d6	6.534	99	1540445	107.155	ng	0.02
23) Nitrobenzene-d5	7.451	82	1182618	86.589	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	436772	115.203	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2008897	78.806	ng	0.00
79) Terphenyl-d14	13.004	244	1538917	91.336	ng	0.00

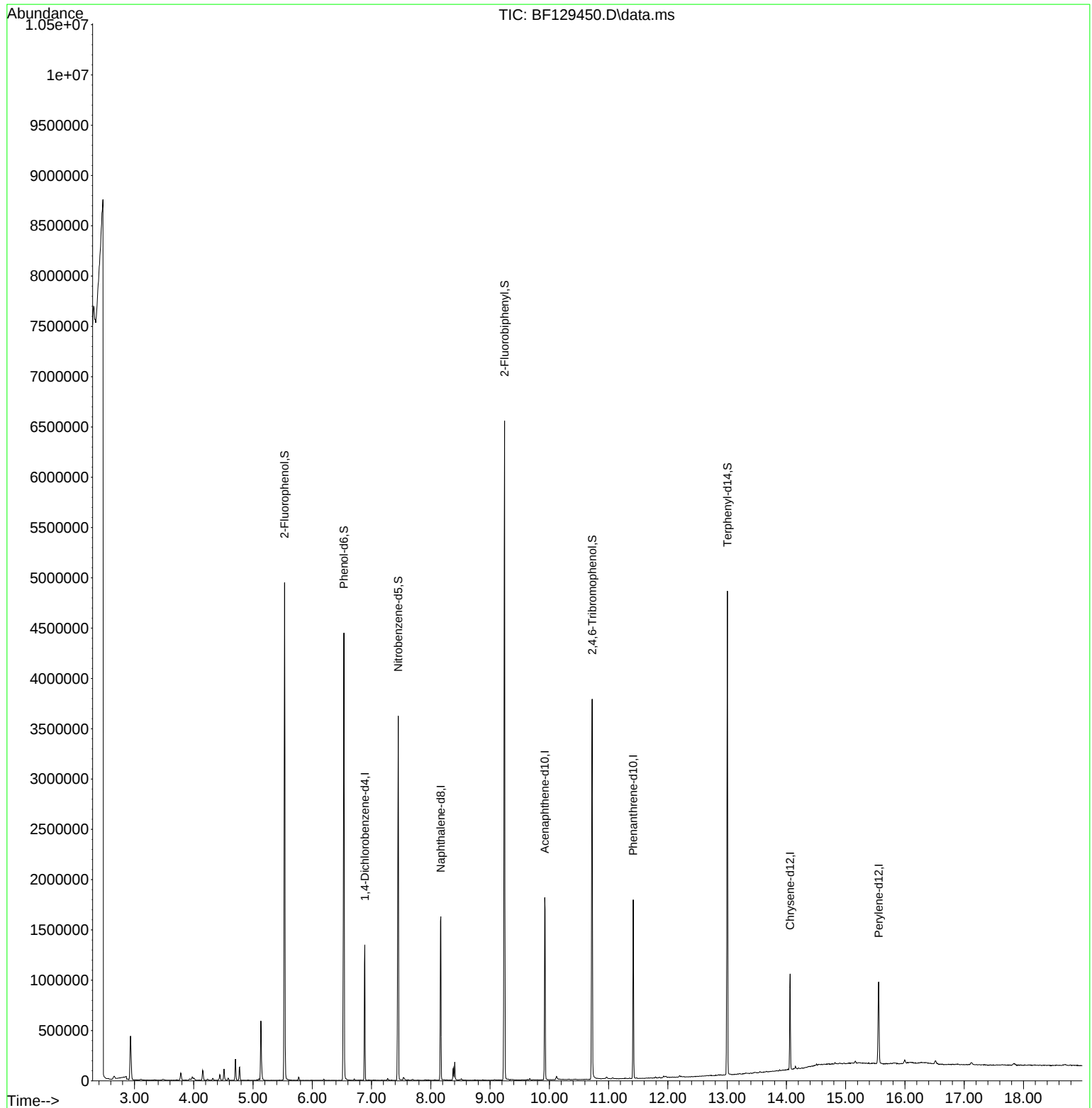
Target Compounds Qvalue

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

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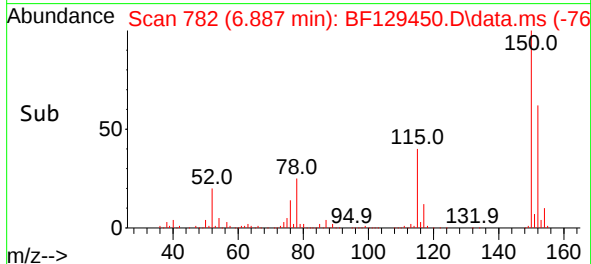
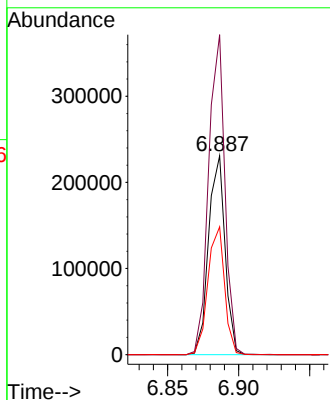
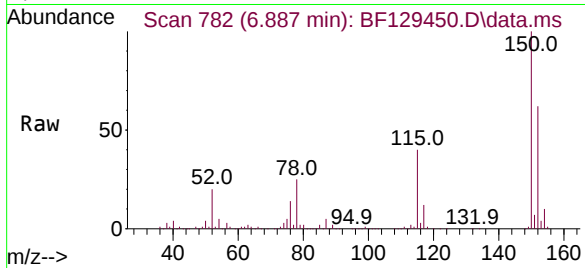




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 782
Delta R.T. 0.001 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

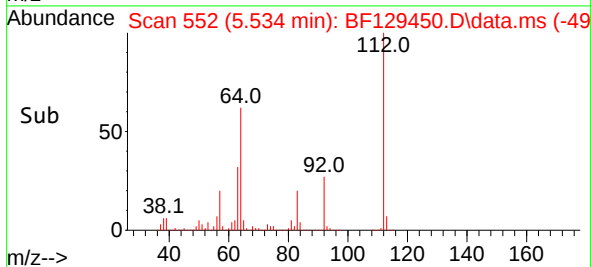
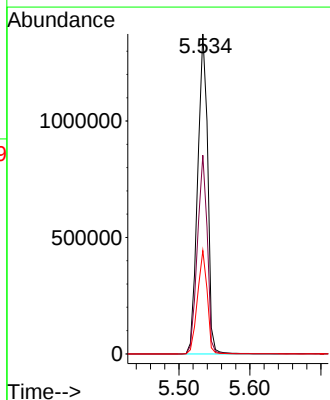
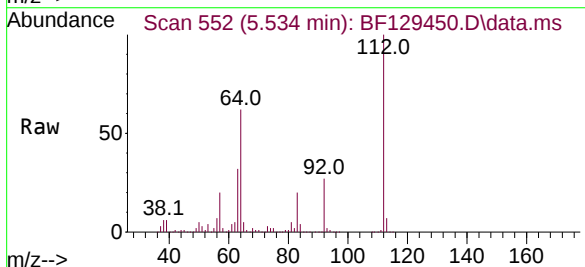
Instrument :
BNA_F
ClientSampleId :
SB-A

Tgt Ion:152 Resp: 186311
Ion Ratio Lower Upper
152 100
150 160.9 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 117.983 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.035 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion:112 Resp: 1349384
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.3 28.0 42.0

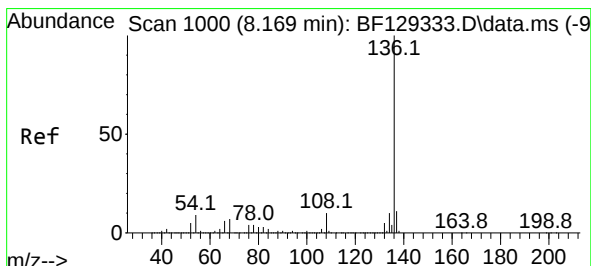
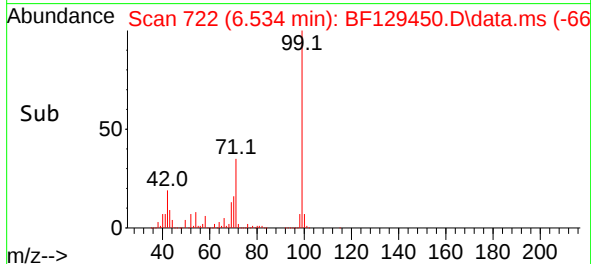
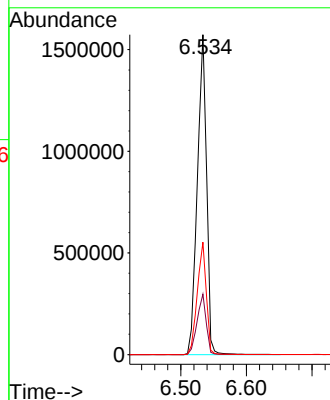
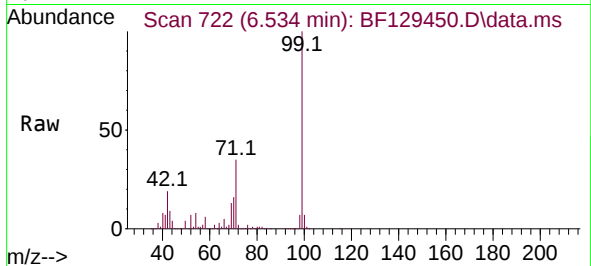




#7
Phenol-d6
Concen: 107.155 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

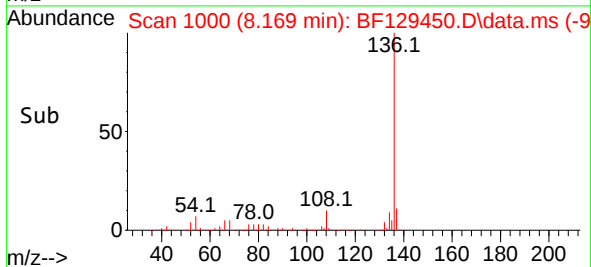
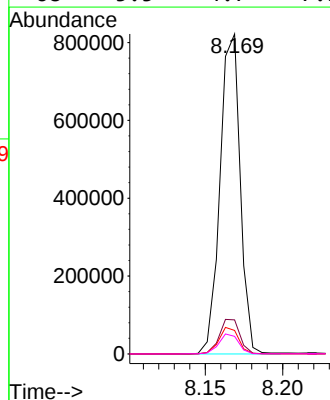
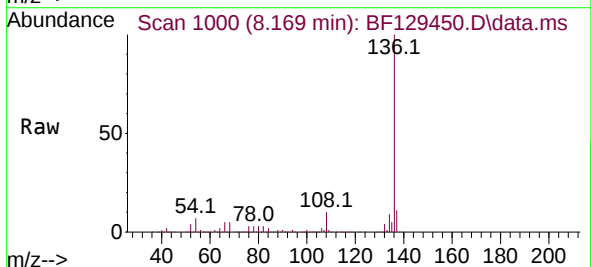
Instrument :
BNA_F
ClientSampleId :
SB-A

Tgt Ion: 99 Resp: 1540445
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 35.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion: 136 Resp: 745565
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.3 7.5 11.3#
68 5.5 4.7 7.1

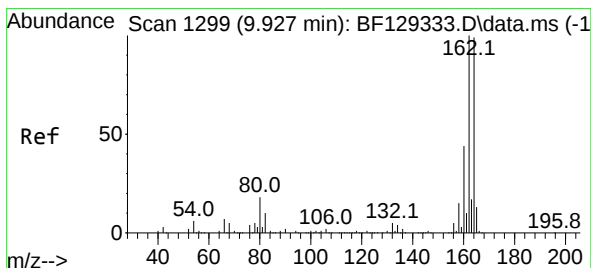
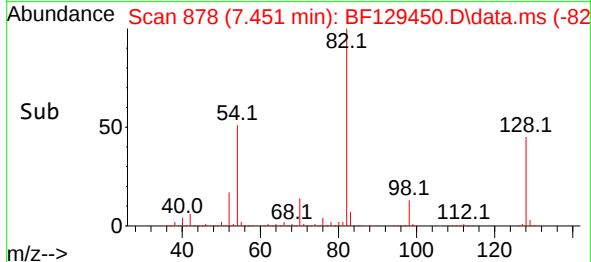
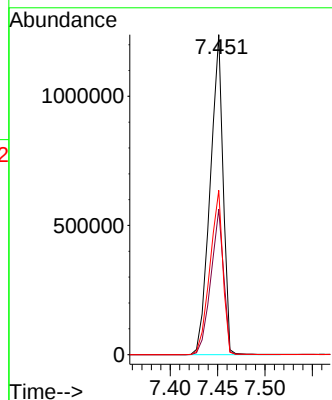
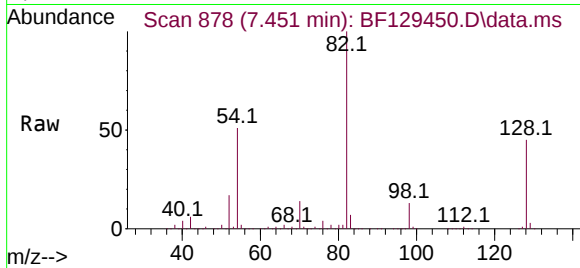




#23
Nitrobenzene-d5
Concen: 86.589 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

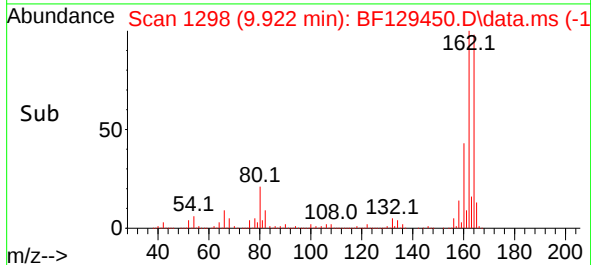
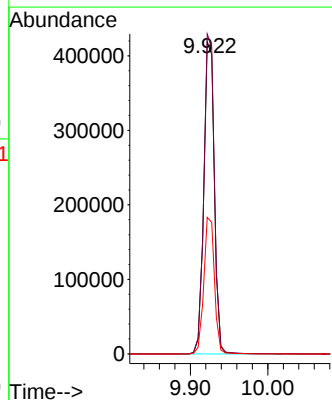
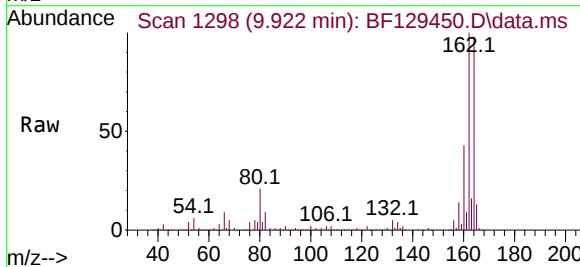
Instrument :
BNA_F
ClientSampleId :
SB-A

Tgt Ion: 82 Resp: 1182618
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 51.3 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion:164 Resp: 394344
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 115.203 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129450.D

Acq: 29 Jul 2022 19:43

Instrument :

BNA_F

ClientSampleId :

SB-A

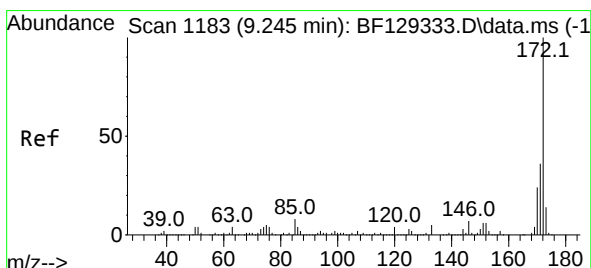
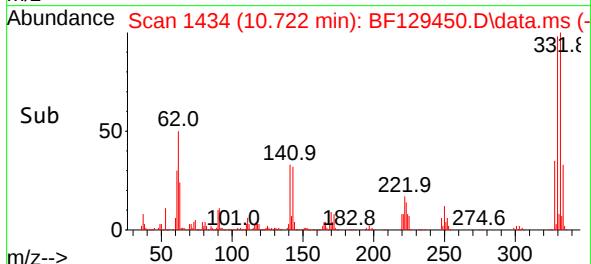
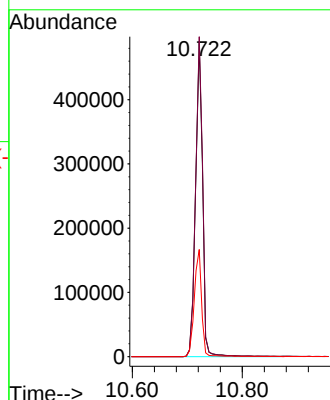
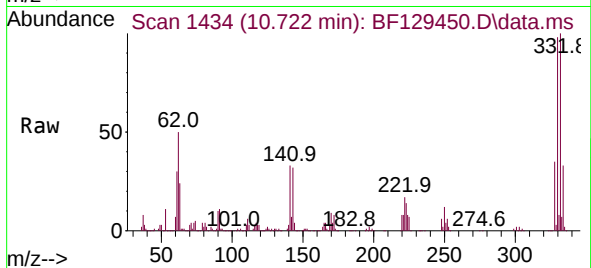
Tgt Ion:330 Resp: 436772

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.806 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129450.D

Acq: 29 Jul 2022 19:43

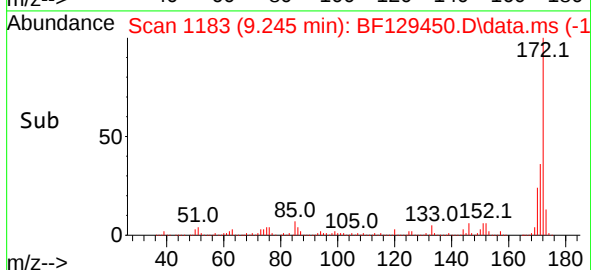
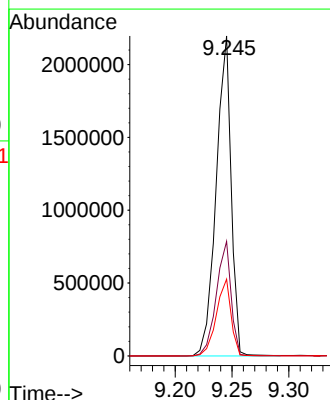
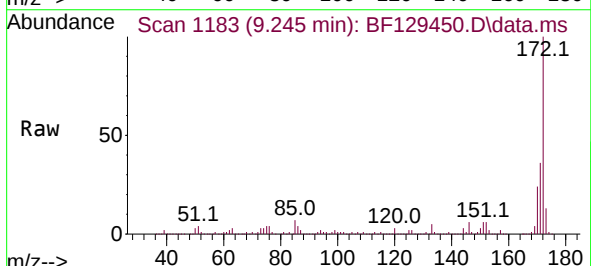
Tgt Ion:172 Resp: 2008897

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.0 19.8 29.8

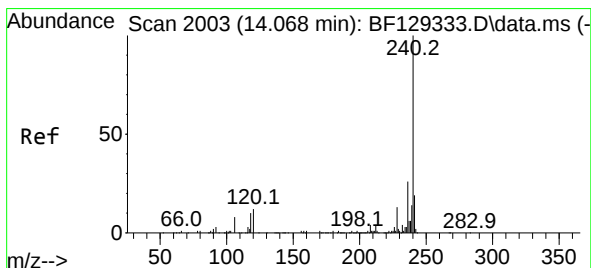
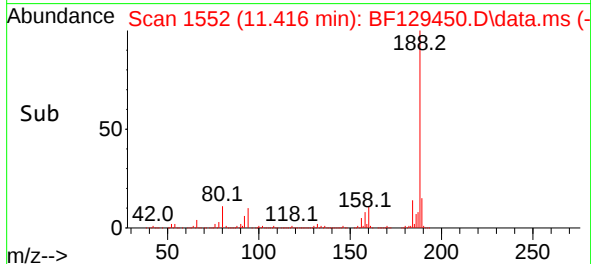
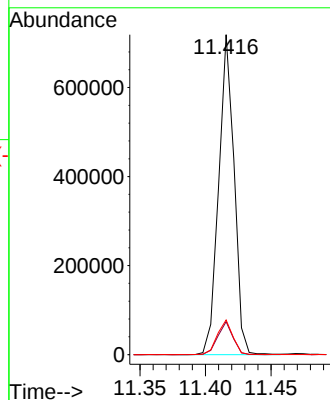
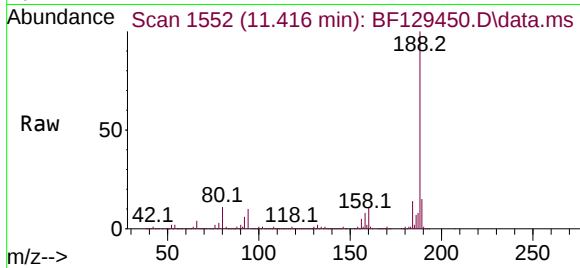




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

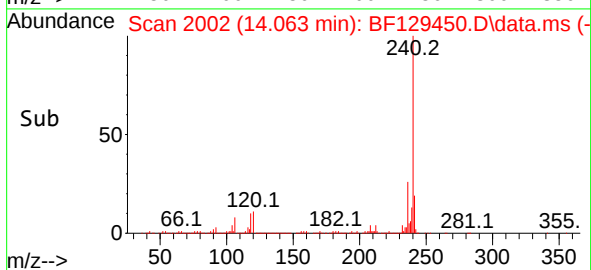
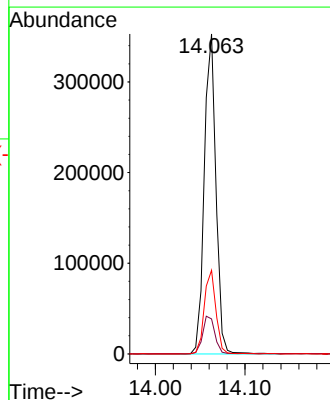
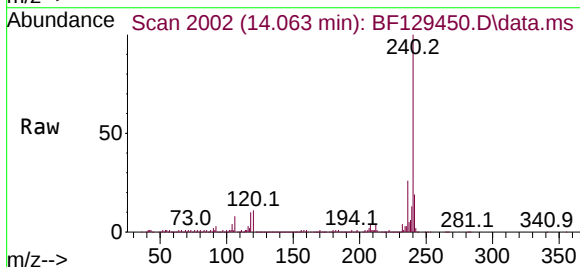
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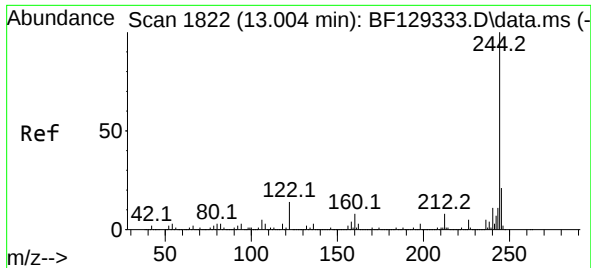
Tgt Ion:188 Resp: 591154
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129450.D
Acq: 29 Jul 2022 19:43

Tgt Ion:240 Resp: 317868
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.1 20.8 31.2

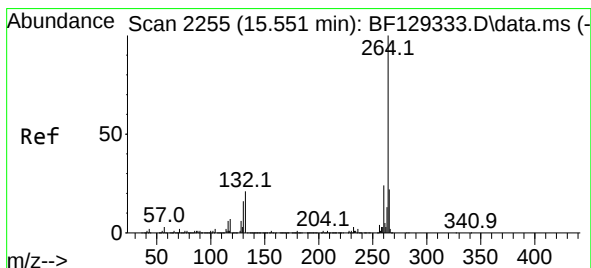
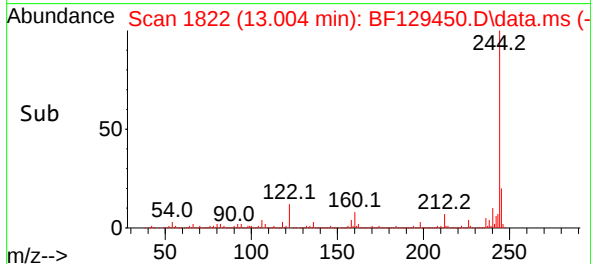
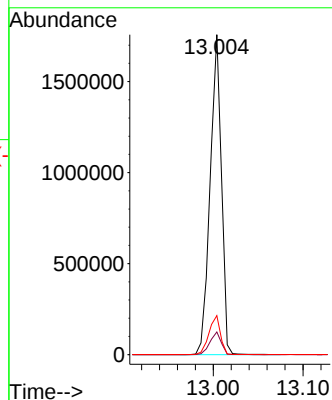
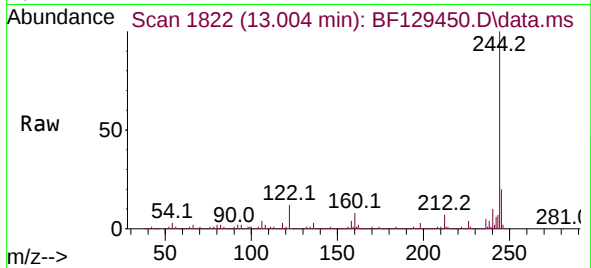




#79
 Terphenyl-d14
 Concen: 91.336 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. 0.000 min
 Lab File: BF129450.D
 Acq: 29 Jul 2022 19:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-A

Tgt Ion:244 Resp: 1538917
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 12.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: BF129450.D
 Acq: 29 Jul 2022 19:43

Tgt Ion:264 Resp: 367519
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.5 17.2 25.8

