

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070622\
 Data File : BF129150.D
 Acq On : 06 Jul 2022 19:00
 Operator : CG\JU
 Sample : N3581-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-6-070522

Quant Time: Jul 07 00:27:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

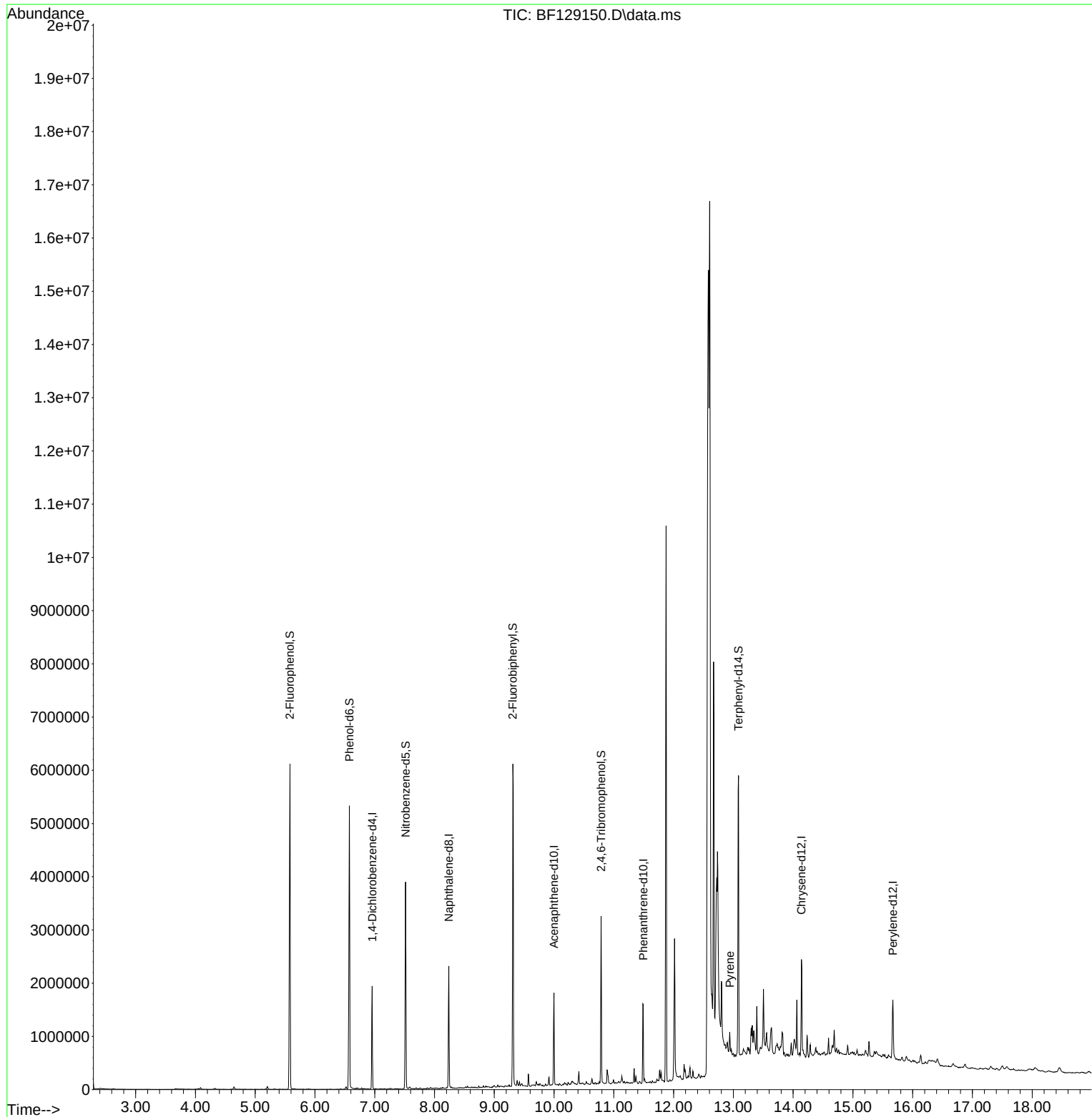
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	273957	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	918780	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	328461	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	579514	20.000	ng	0.00
76) Chrysene-d12	14.139	240	625007	20.000	ng	-0.01
86) Perylene-d12	15.668	264	473557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1691674	104.396	ng	0.00
7) Phenol-d6	6.575	99	1929539	95.876	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1185062	76.933	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	353287	98.918	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1932405	94.119	ng	-0.01
79) Terphenyl-d14	13.086	244	1930085	64.128	ng	0.00
Target Compounds						
78) Pyrene	12.939	202	107717	2.486	ng	Qvalue 97

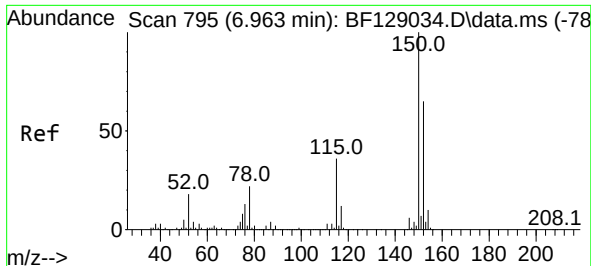
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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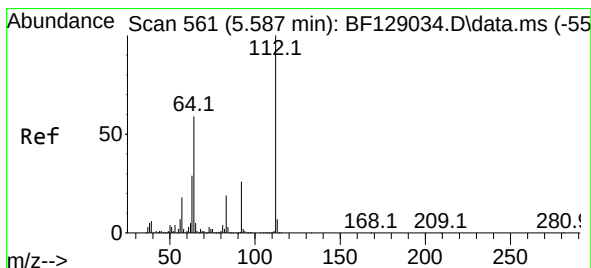
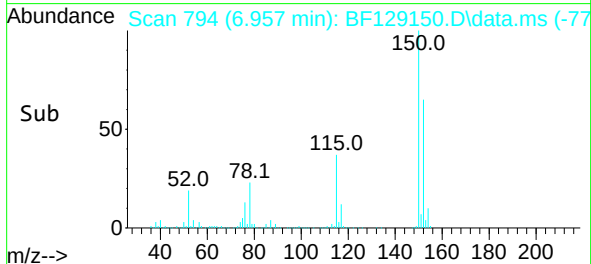
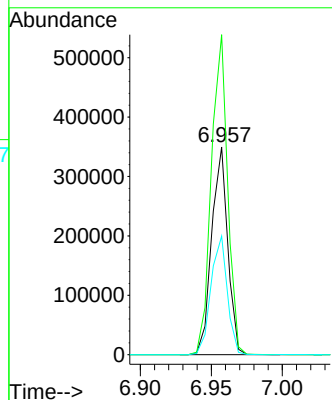
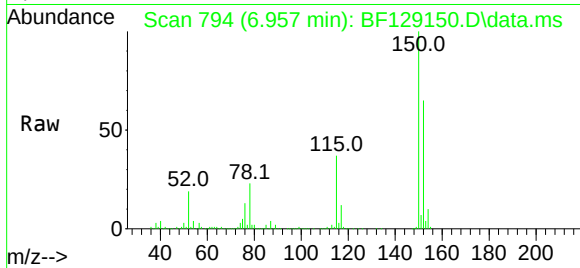




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

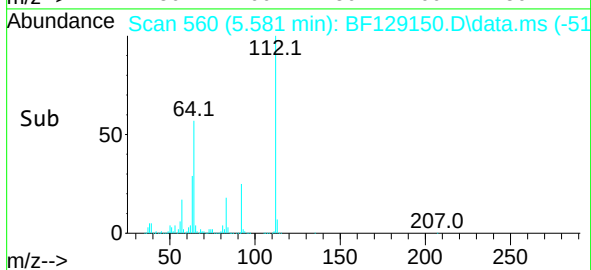
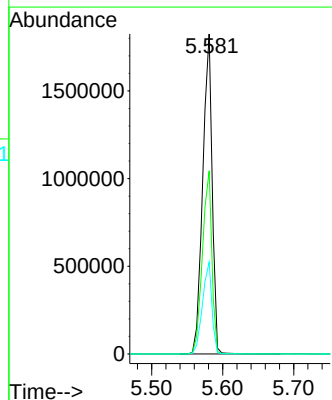
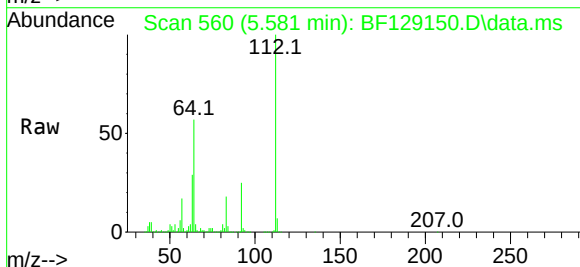
Instrument :
BNA_F
ClientSampleId :
AU-6-070522

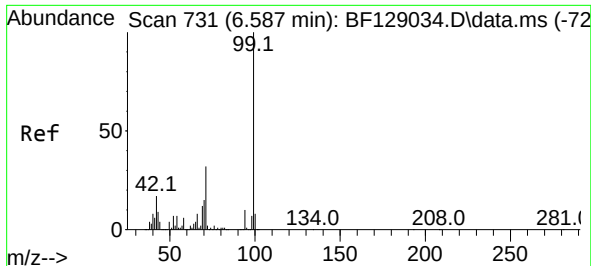
Tgt Ion:152 Resp: 273957
Ion Ratio Lower Upper
152 100
150 154.1 123.7 185.5
115 57.0 49.9 74.9



#5
2-Fluorophenol
Concen: 104.396 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion:112 Resp: 1691674
Ion Ratio Lower Upper
112 100
64 57.3 53.3 79.9
63 28.7 28.0 42.0

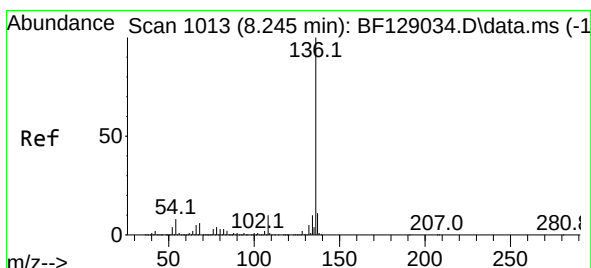
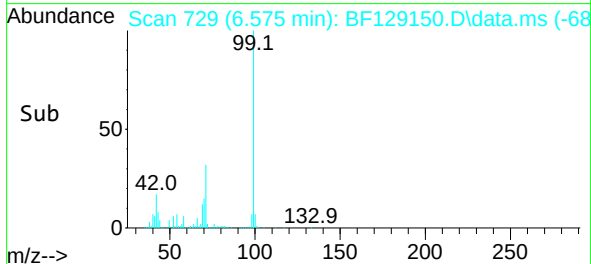
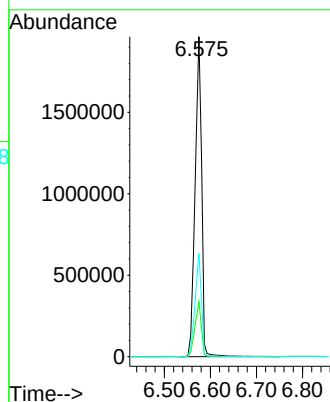
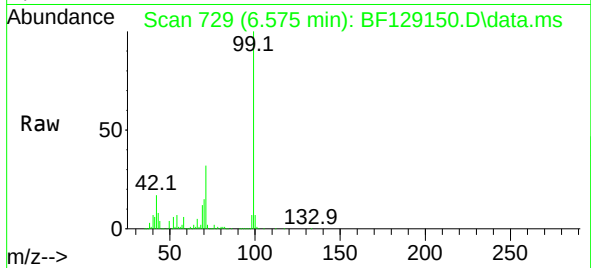




#7
Phenol-d6
Concen: 95.876 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

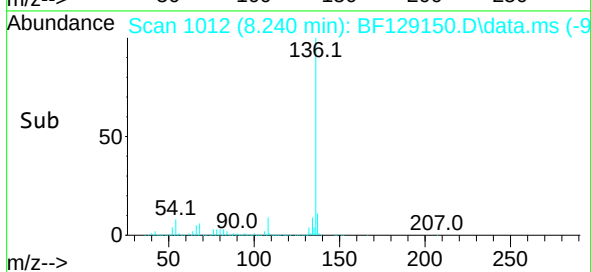
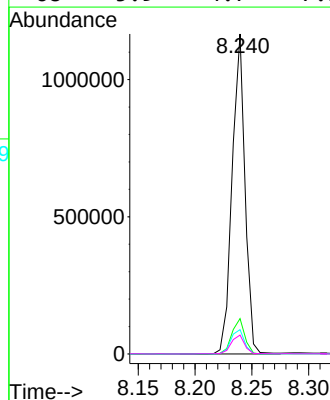
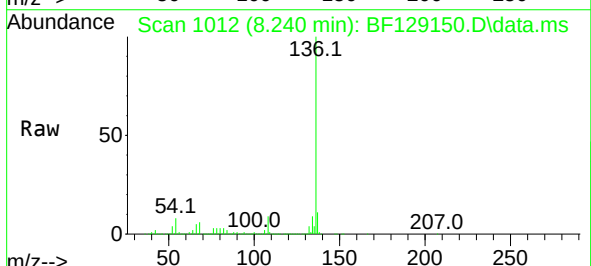
Instrument :
BNA_F
ClientSampleId :
AU-6-070522

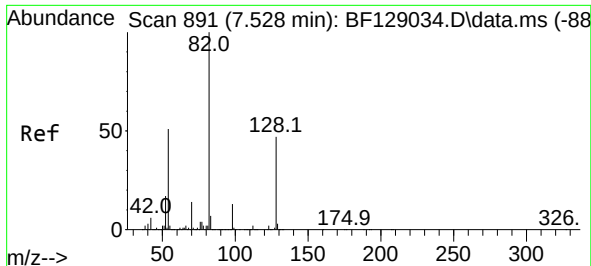
Tgt Ion: 99 Resp: 1929539
Ion Ratio Lower Upper
99 100
42 17.1 17.3 25.9#
71 32.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion: 136 Resp: 918780
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 7.5 11.3
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 76.933 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

Instrument :

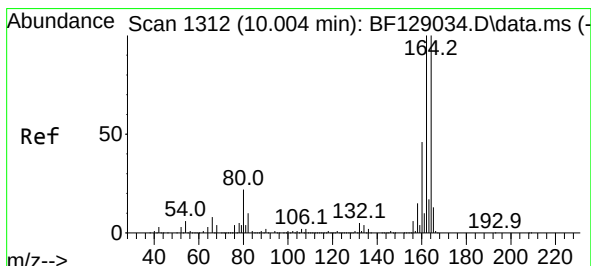
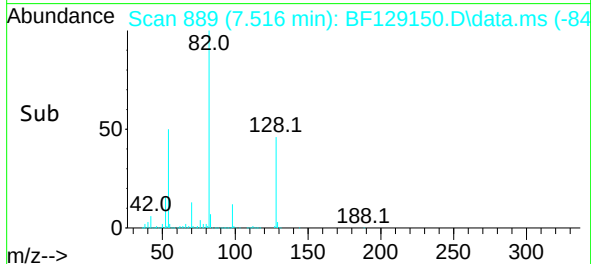
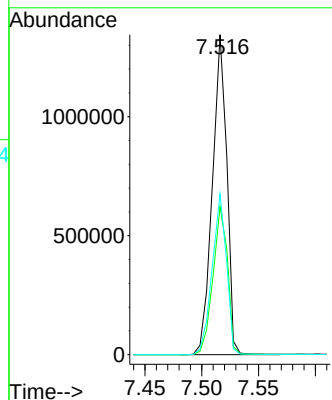
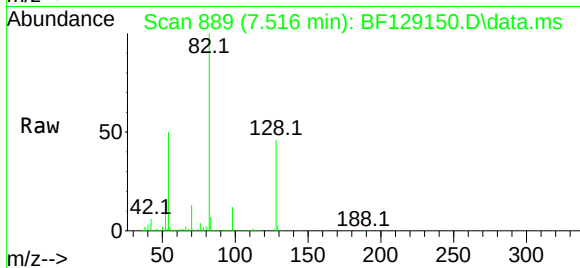
BNA_F

ClientSampleId :

AU-6-070522

Tgt Ion: 82 Resp: 1185062

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	50.2	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1311

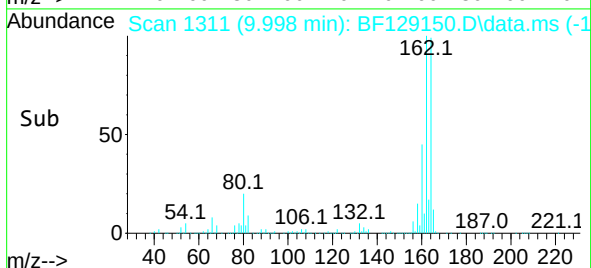
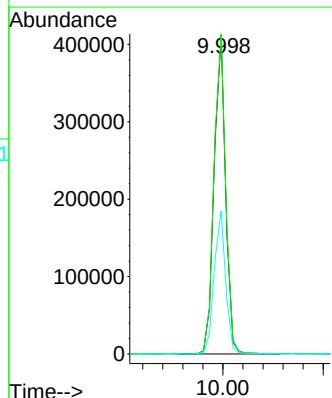
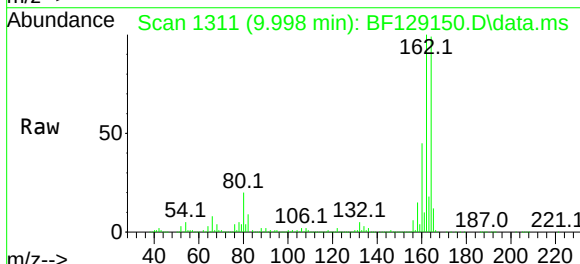
Delta R.T. -0.006 min

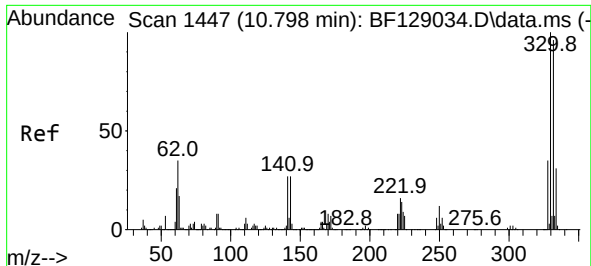
Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

Tgt Ion: 164 Resp: 328461

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.5	119.3
160	44.9	34.2	51.4

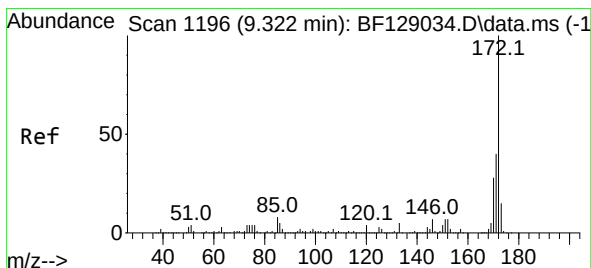
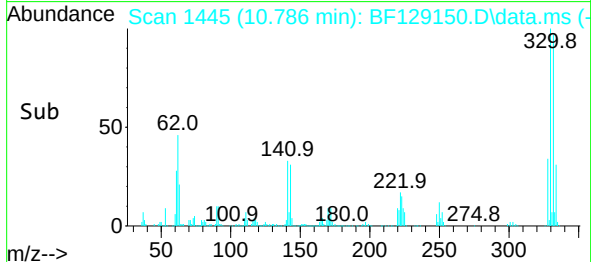
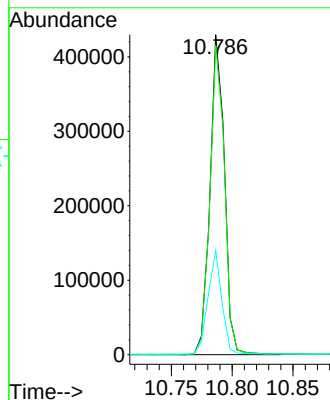
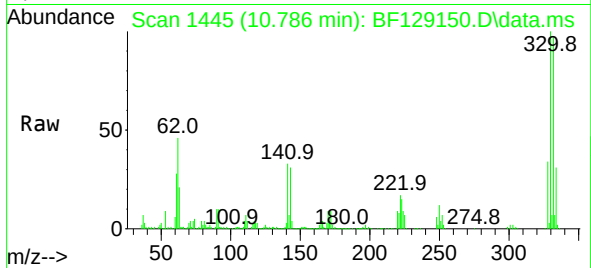




#42
2,4,6-Tribromophenol
Concen: 98.918 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

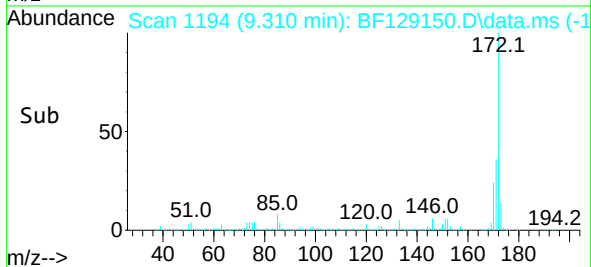
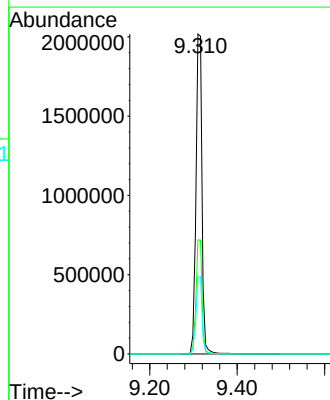
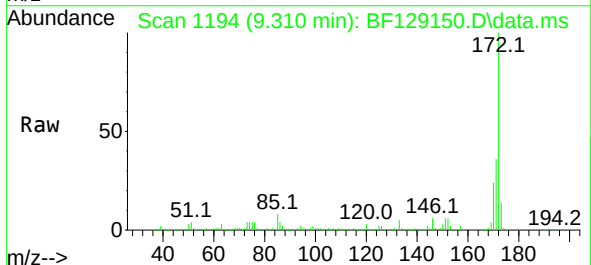
Instrument :
BNA_F
ClientSampleId :
AU-6-070522

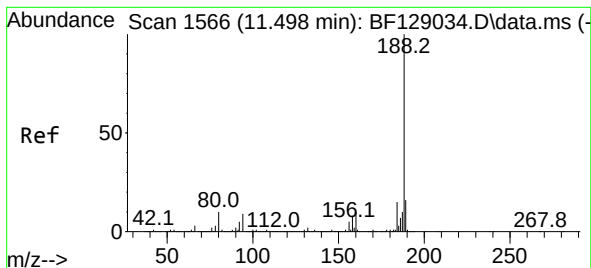
Tgt Ion: 330 Resp: 353287
Ion Ratio Lower Upper
330 100
332 97.6 76.8 115.2
141 31.1 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 94.119 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129150.D
Acq: 06 Jul 2022 19:00

Tgt Ion: 172 Resp: 1932405
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

AU-6-070522

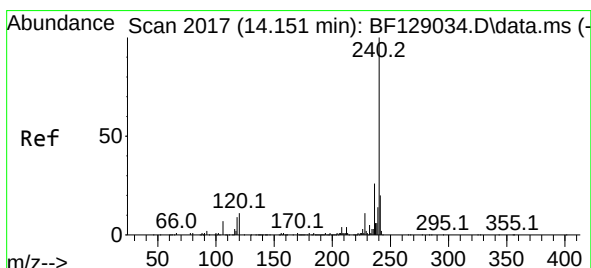
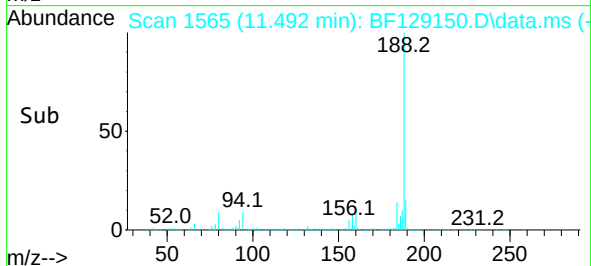
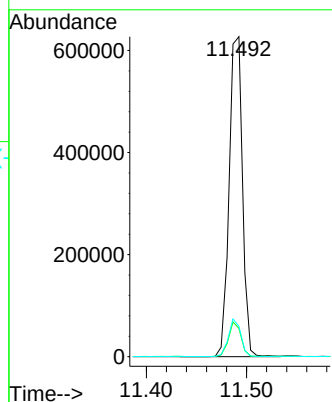
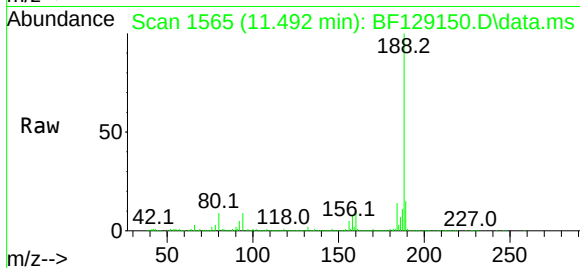
Tgt Ion:188 Resp: 579514

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

80 9.5 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.139 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

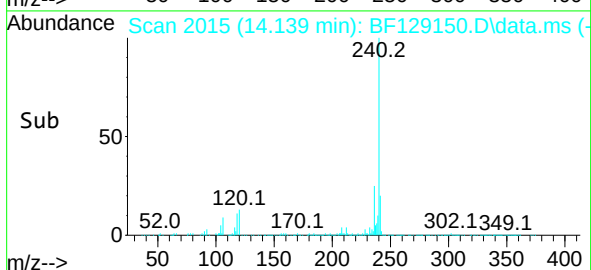
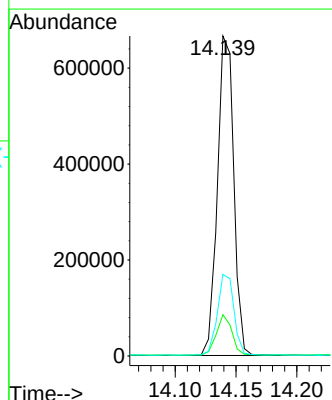
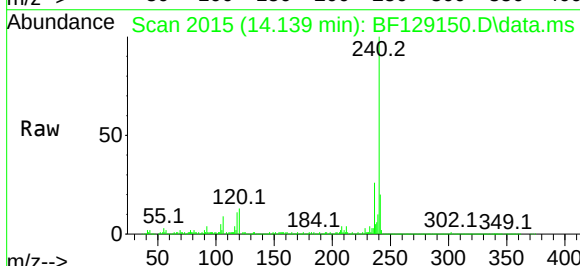
Tgt Ion:240 Resp: 625007

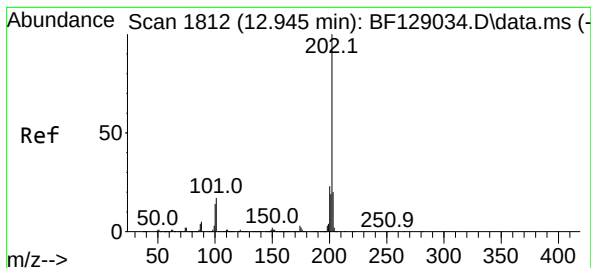
Ion Ratio Lower Upper

240 100

120 12.9 8.9 13.3

236 25.5 20.8 31.2





#78

Pyrene

Concen: 2.486 ng

RT: 12.939 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

Instrument :

BNA_F

ClientSampleId :

AU-6-070522

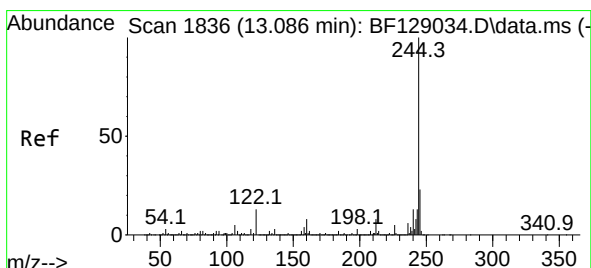
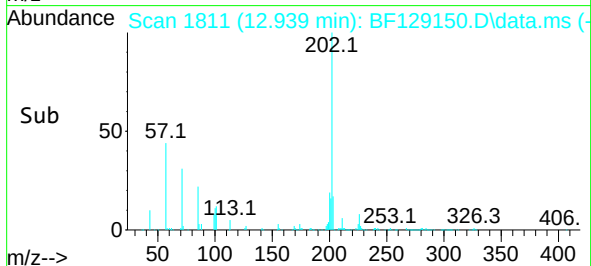
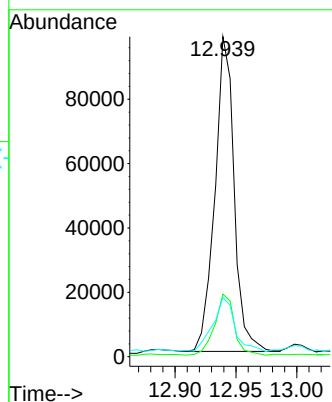
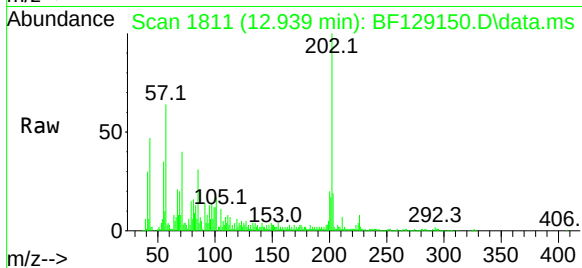
Tgt Ion:202 Resp: 107717

Ion Ratio Lower Upper

202 100

200 19.5 17.7 26.5

203 18.6 14.6 21.8



#79

Terphenyl-d14

Concen: 64.128 ng

RT: 13.086 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BF129150.D

Acq: 06 Jul 2022 19:00

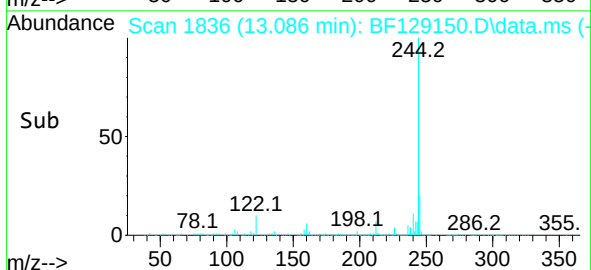
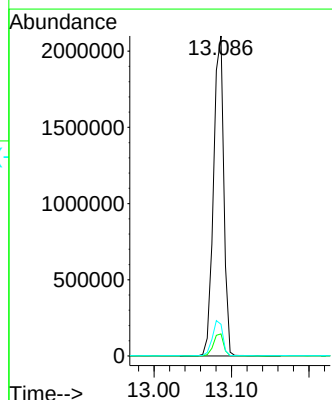
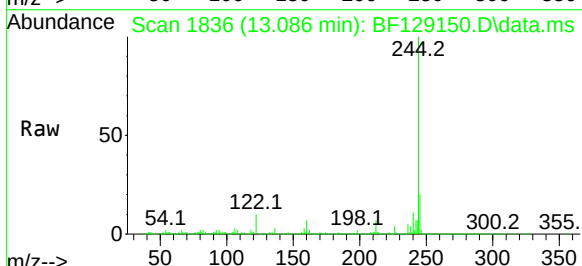
Tgt Ion:244 Resp: 1930085

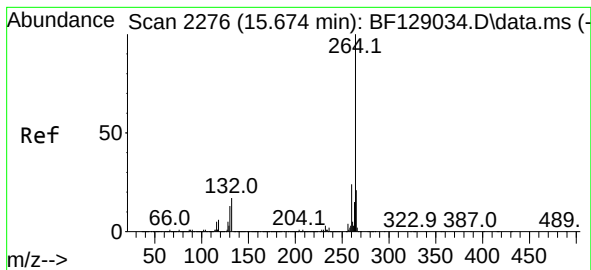
Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

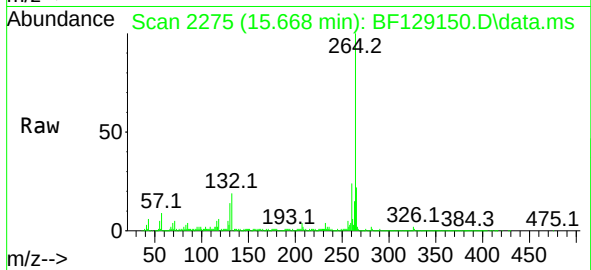
122 9.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129150.D
 Acq: 06 Jul 2022 19:00

Instrument :
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Tgt Ion:264 Resp: 473557
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 22.4 17.2 25.8

