

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070722\
 Data File : BF129158.D
 Acq On : 07 Jul 2022 14:45
 Operator : CG\JU
 Sample : N3597-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220507-COMPOSITE-B

Quant Time: Jul 07 15:35:21 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	6.951	152	289492	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	1116414	20.000	ng	-0.01
39) Acenaphthene-d10	9.992	164	543474	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	1033248	20.000	ng	#-0.01
76) Chrysene-d12	14.139	240	760371	20.000	ng	-0.01
86) Perylene-d12	15.662	264	579881	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1533711	89.569	ng	-0.01
7) Phenol-d6	6.569	99	1923815	90.462	ng	-0.02
23) Nitrobenzene-d5	7.510	82	1099226	58.728	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	570950	96.616	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1567987	46.156	ng	-0.01
79) Terphenyl-d14	13.074	244	1924431	52.558	ng	-0.01

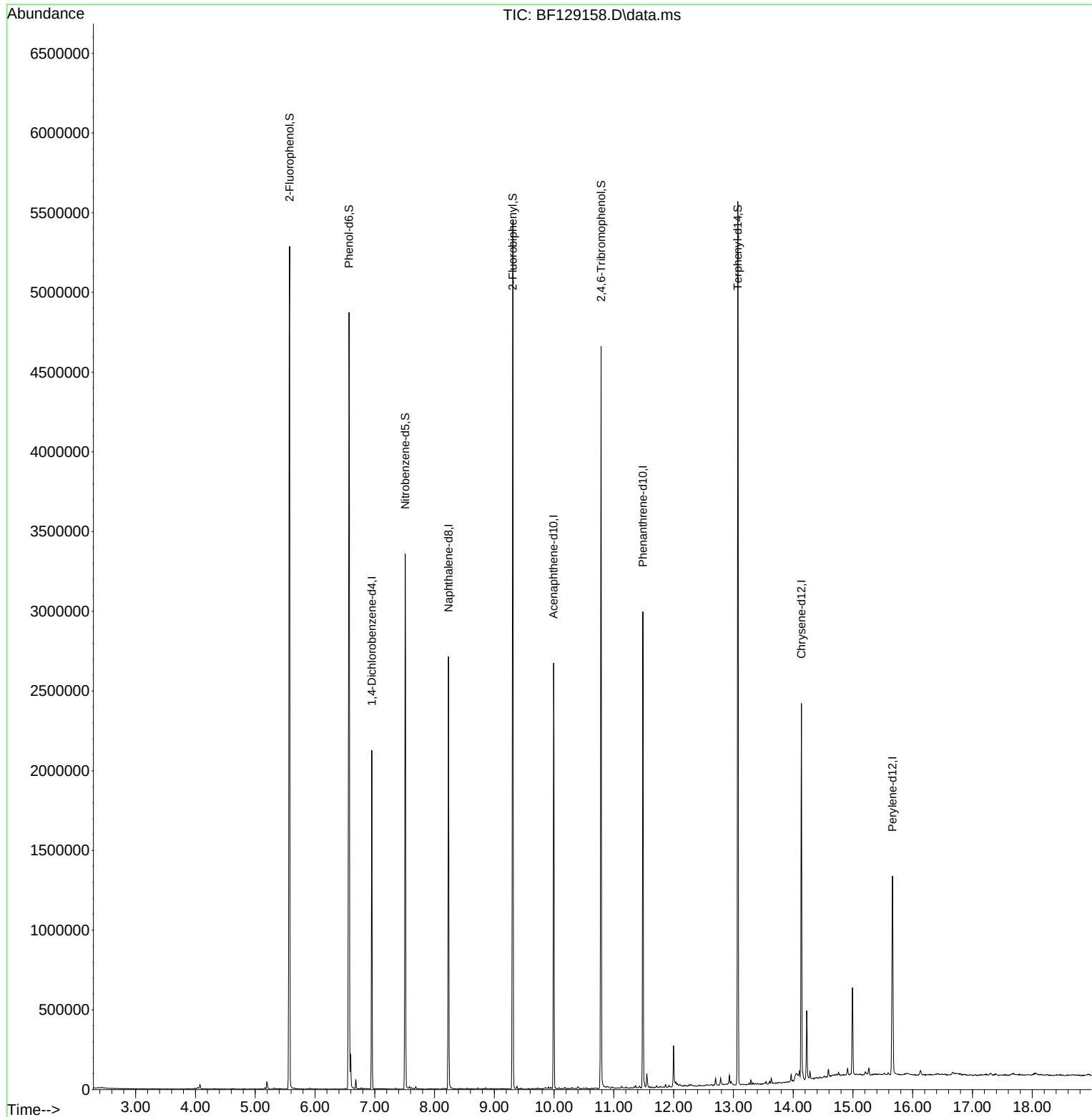
Target Compounds	Qvalue

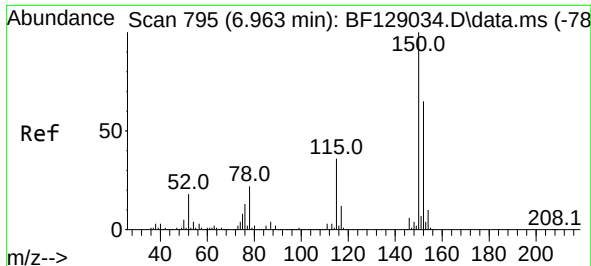
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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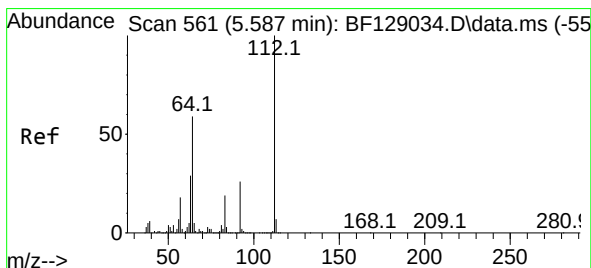
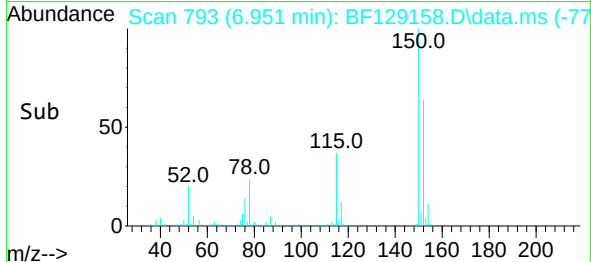
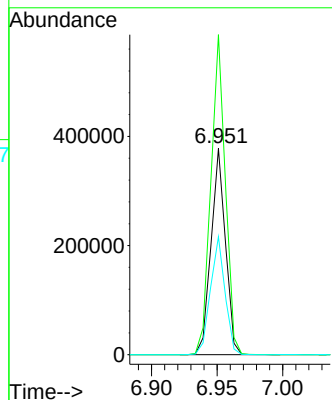
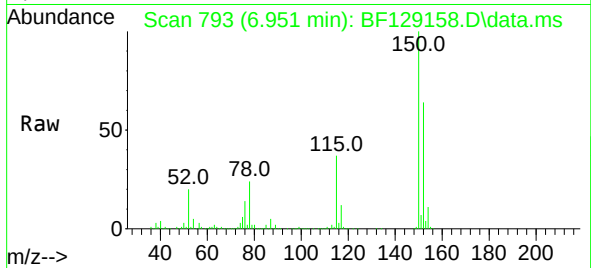




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

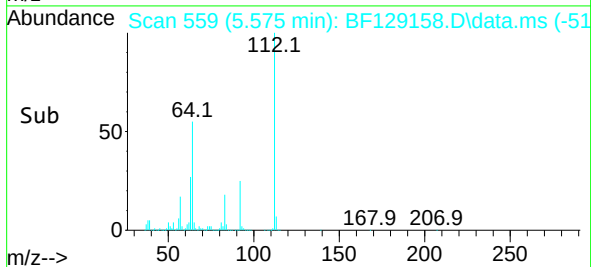
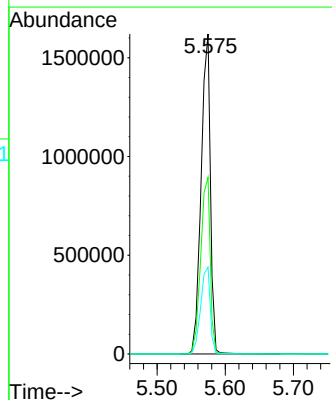
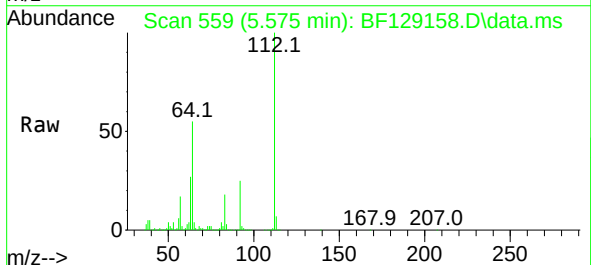
Instrument :
BNA_F
ClientSampleId :
20220507-COMPOSITE-B

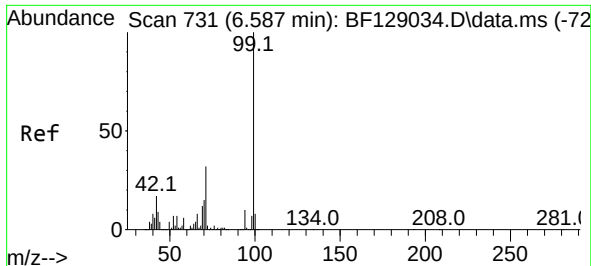
Tgt Ion:152 Resp: 289492
Ion Ratio Lower Upper
152 100
150 155.1 123.7 185.5
115 57.2 49.9 74.9



#5
2-Fluorophenol
Concen: 89.569 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

Tgt Ion:112 Resp: 1533711
Ion Ratio Lower Upper
112 100
64 55.1 53.3 79.9
63 27.1 28.0 42.0#

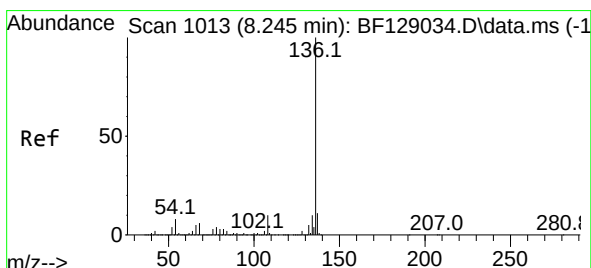
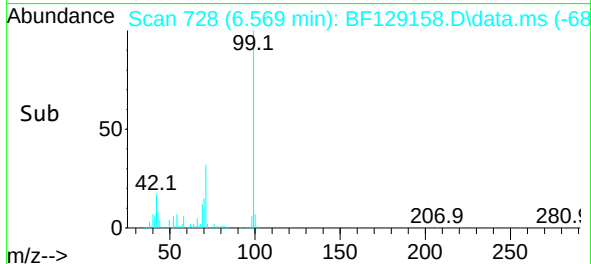
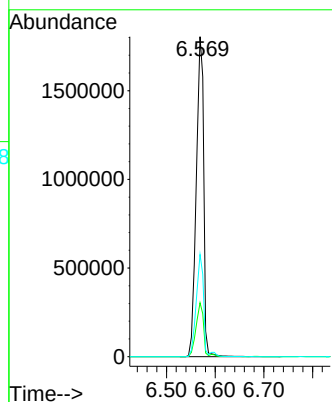
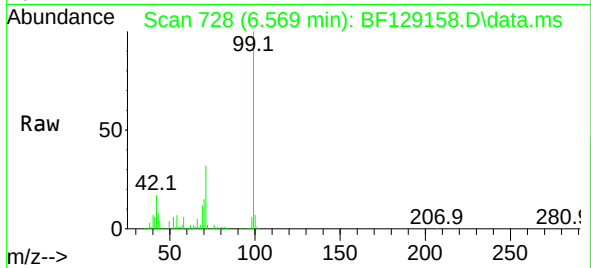




#7
Phenol-d6
Concen: 90.462 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

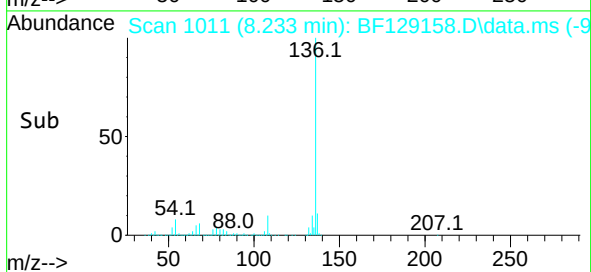
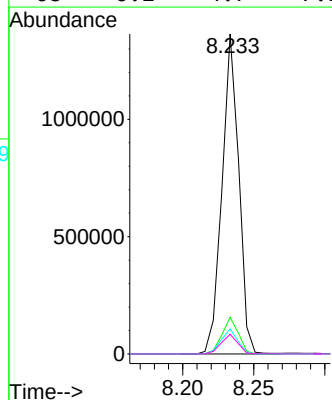
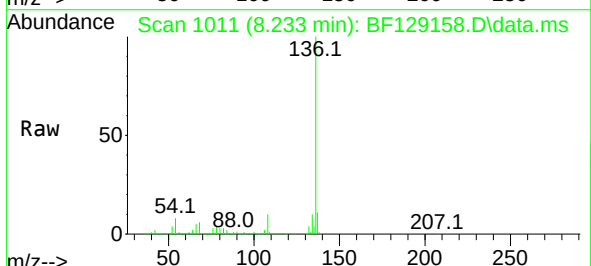
Instrument :
BNA_F
ClientSampleId :
20220507-COMPOSITE-B

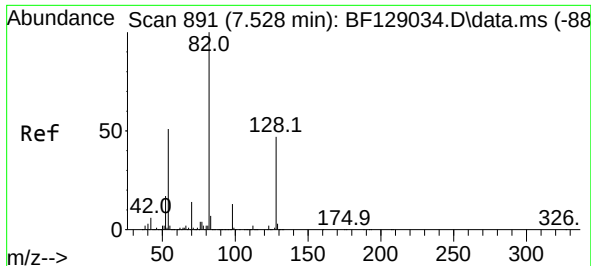
Tgt Ion: 99 Resp: 1923815
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 31.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF129158.D
Acq: 07 Jul 2022 14:45

Tgt Ion: 136 Resp: 1116414
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.9 7.5 11.3
68 6.2 4.7 7.1





#23

Nitrobenzene-d5

Concen: 58.728 ng

RT: 7.510 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF129158.D

Acq: 07 Jul 2022 14:45

Instrument :

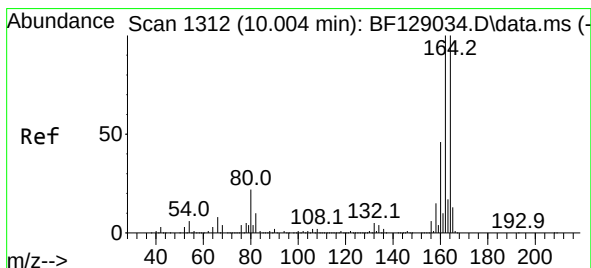
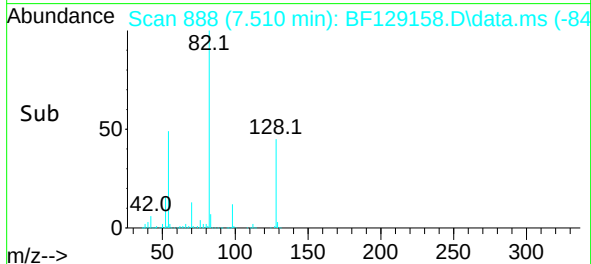
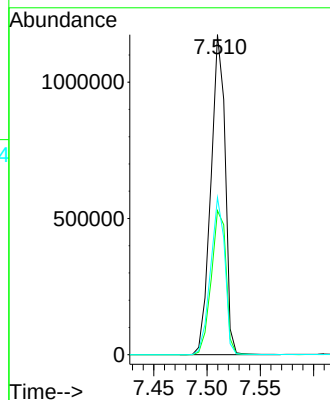
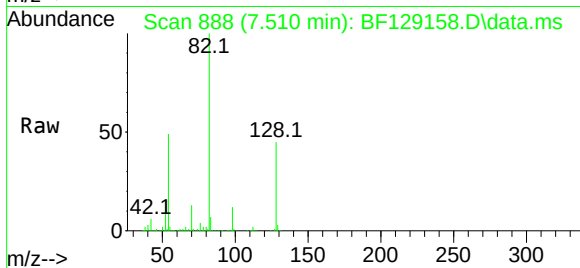
BNA_F

ClientSampleId :

20220507-COMPOSITE-B

Tgt Ion: 82 Resp: 1099226

Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	49.1	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1310

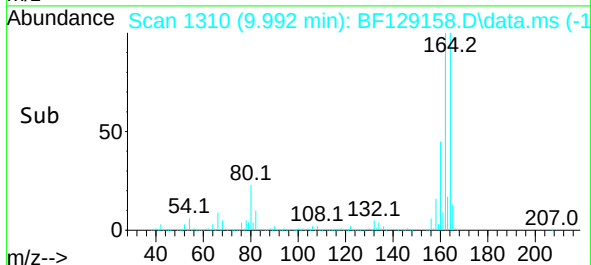
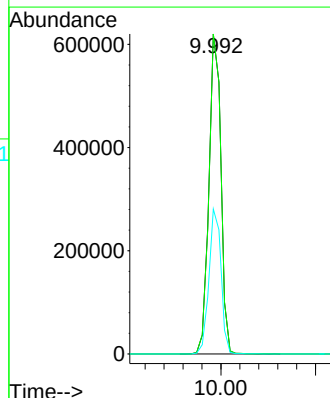
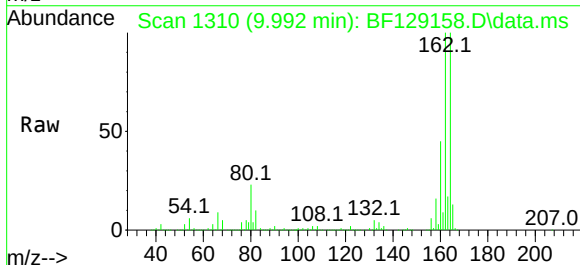
Delta R.T. -0.012 min

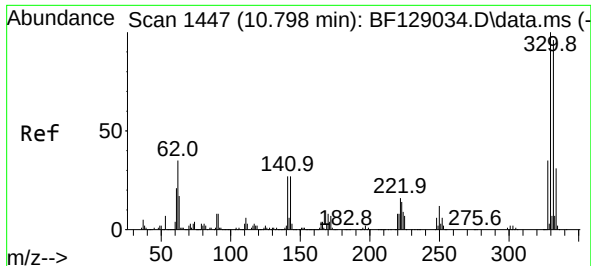
Lab File: BF129158.D

Acq: 07 Jul 2022 14:45

Tgt Ion: 164 Resp: 543474

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.5	119.3
160	45.3	34.2	51.4

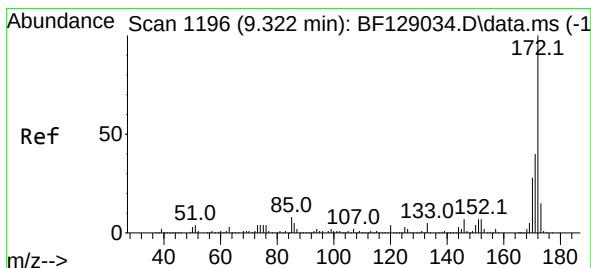
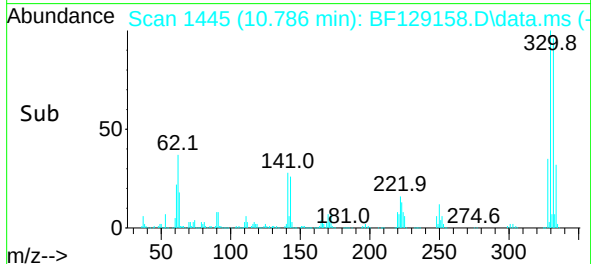
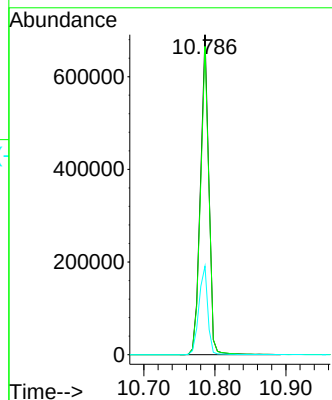
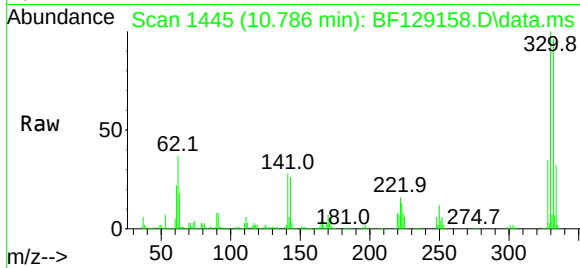




#42
 2,4,6-Tribromophenol
 Concen: 96.616 ng
 RT: 10.786 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF129158.D
 Acq: 07 Jul 2022 14:45

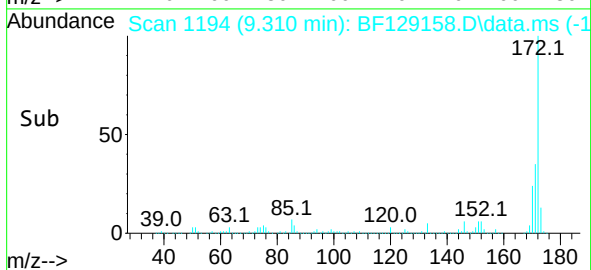
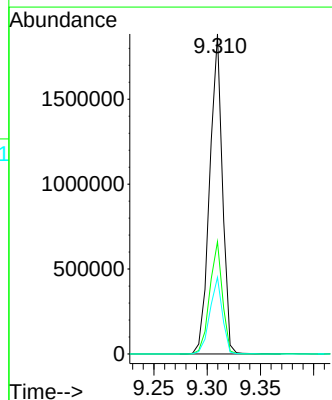
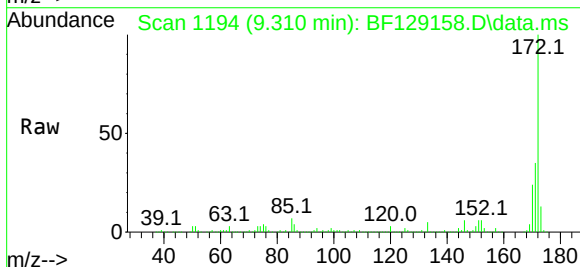
Instrument :
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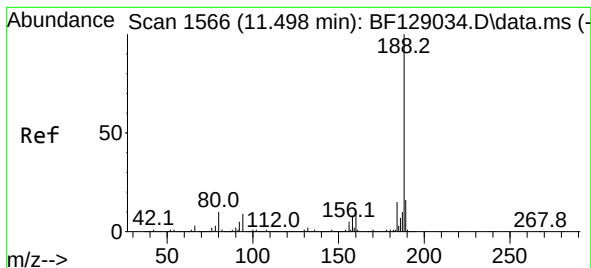
Tgt Ion:330 Resp: 570950
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 29.1 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 46.156 ng
 RT: 9.310 min Scan# 1194
 Delta R.T. -0.012 min
 Lab File: BF129158.D
 Acq: 07 Jul 2022 14:45

Tgt Ion:172 Resp: 1567987
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.8 43.2
 170 24.0 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129158.D

Acq: 07 Jul 2022 14:45

Instrument :

BNA_F

ClientSampleId :

20220507-COMPOSITE-B

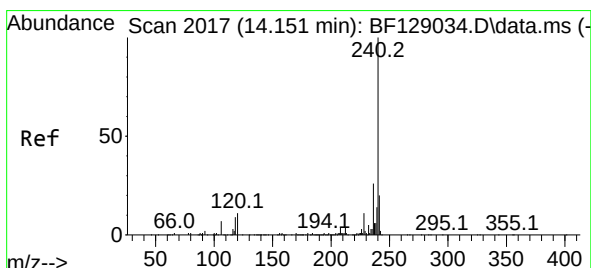
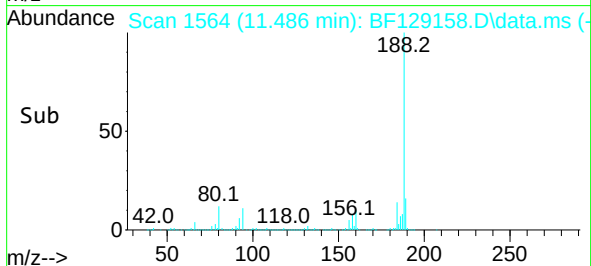
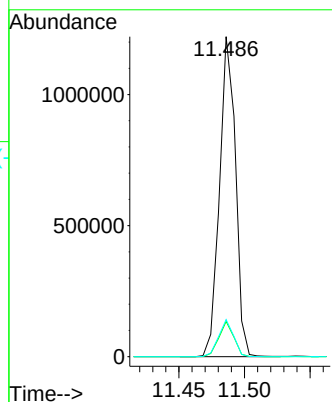
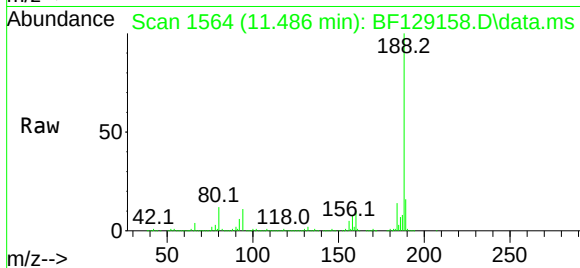
Tgt Ion:188 Resp: 1033248

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.6#

80 11.6 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: BF129158.D

Acq: 07 Jul 2022 14:45

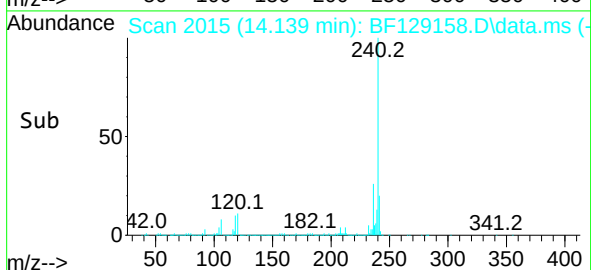
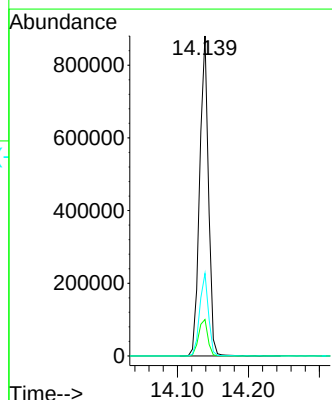
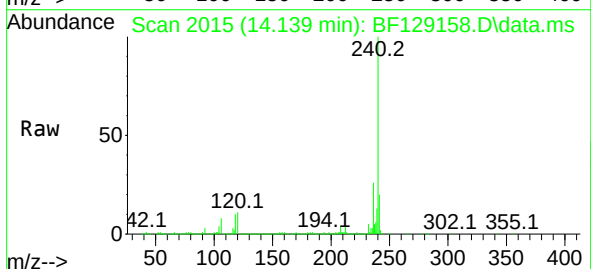
Tgt Ion:240 Resp: 760371

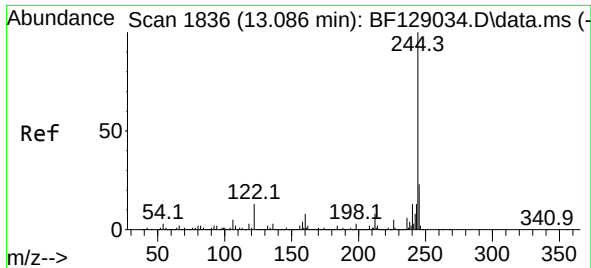
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 25.8 20.8 31.2

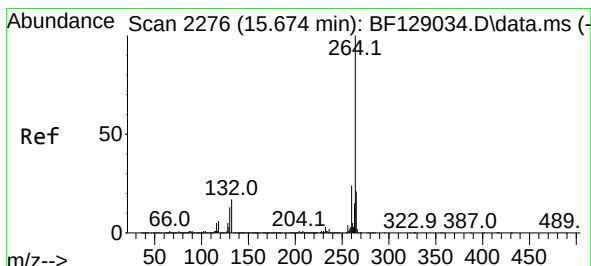
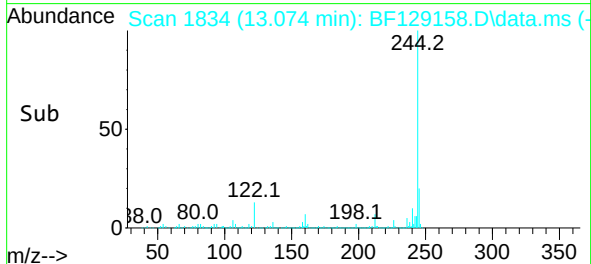
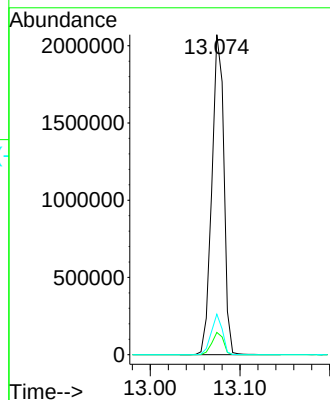
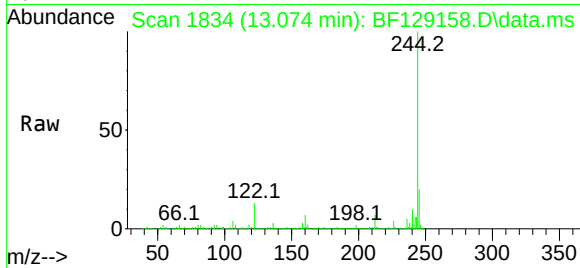




#79
 Terphenyl-d14
 Concen: 52.558 ng
 RT: 13.074 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF129158.D
 Acq: 07 Jul 2022 14:45

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1924431
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 12.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF129158.D
 Acq: 07 Jul 2022 14:45

Tgt Ion:264 Resp: 579881
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.1 17.2 25.8

