

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129188.D
 Acq On : 12 Jul 2022 14:33
 Operator : CG\JU
 Sample : N3662-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220497B-SIM/C3B-COMPOSITE

Quant Time: Jul 12 14:53:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

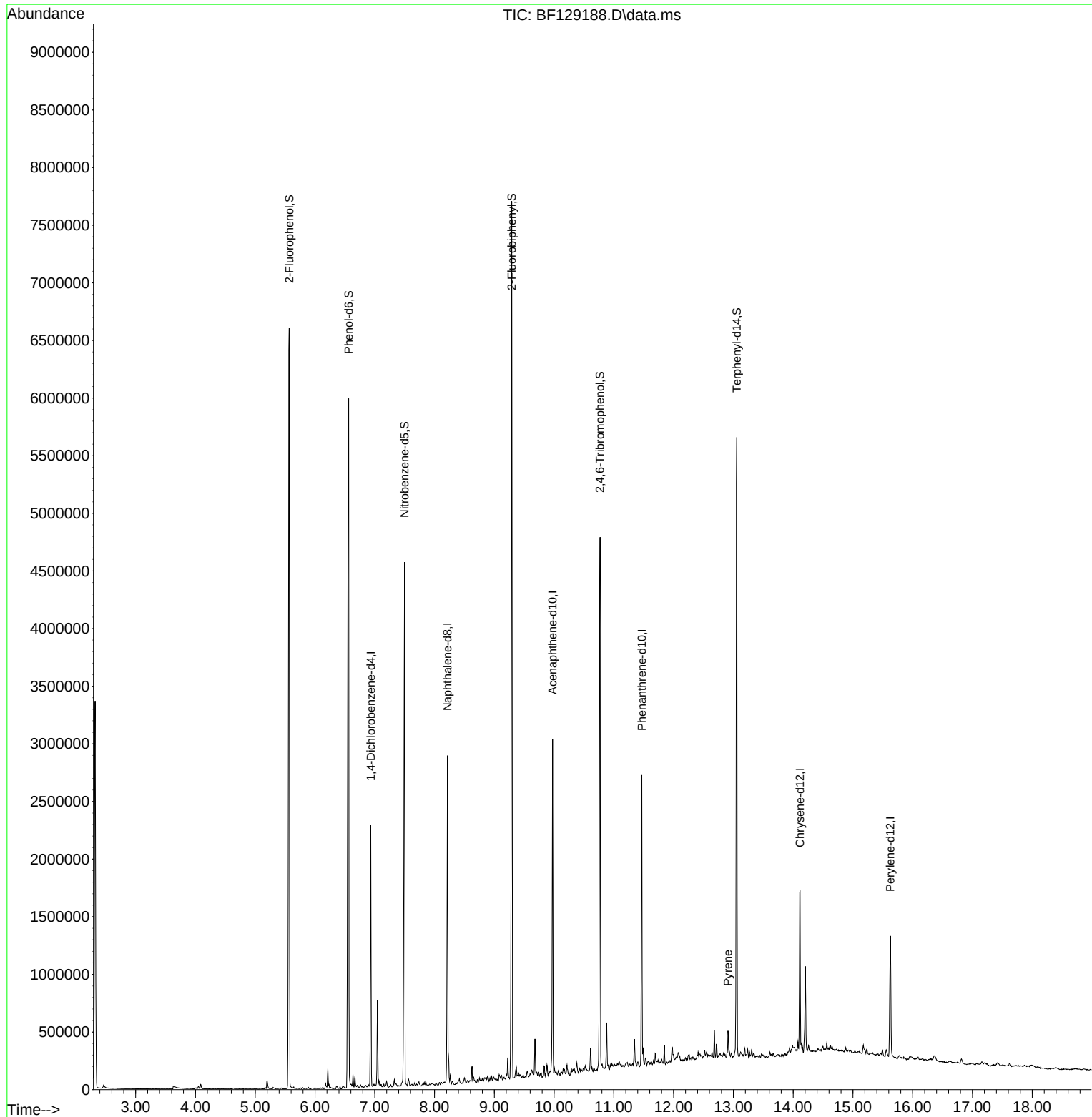
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	302838	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	1167974	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	554849	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	899303	20.000	ng	# 0.00
76) Chrysene-d12	14.115	240	489034	20.000	ng	0.00
86) Perylene-d12	15.627	264	475729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1950809	108.906	ng	0.00
7) Phenol-d6	6.563	99	2498608	112.312	ng	0.00
23) Nitrobenzene-d5	7.498	82	1571898	80.274	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	531638	88.119	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	2305840	66.484	ng	0.00
79) Terphenyl-d14	13.057	244	1841971	78.217	ng	0.00
Target Compounds						
78) Pyrene	12.910	202	83406	2.461	ng	Qvalue 97

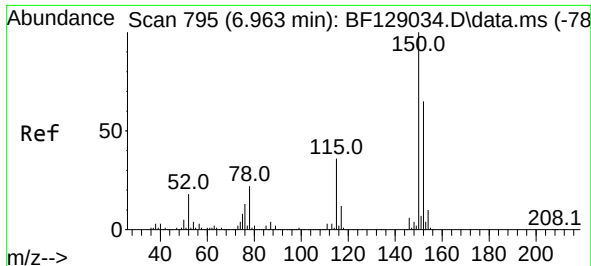
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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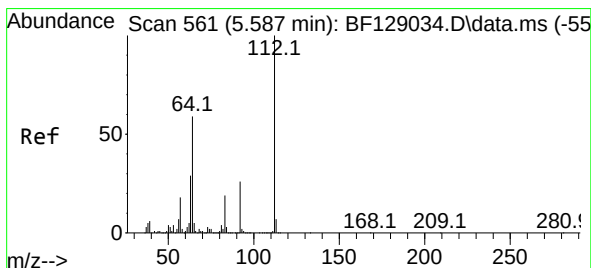
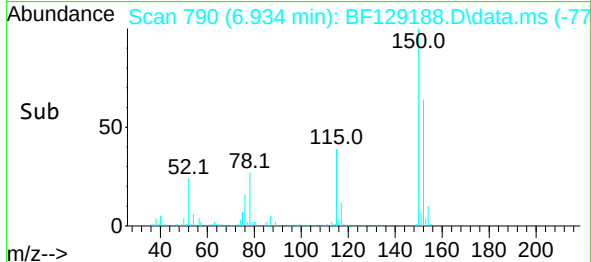
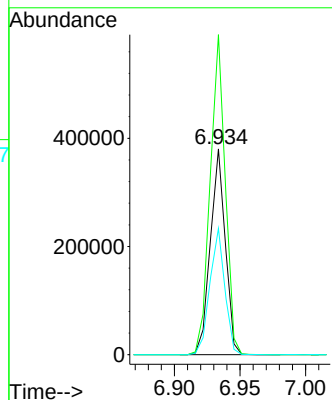
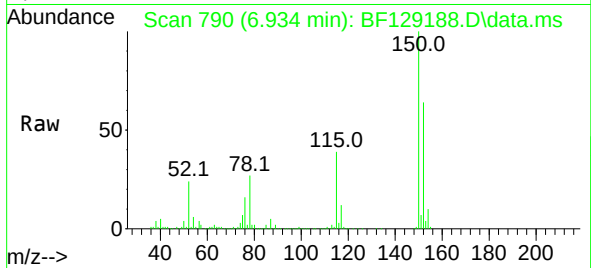




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

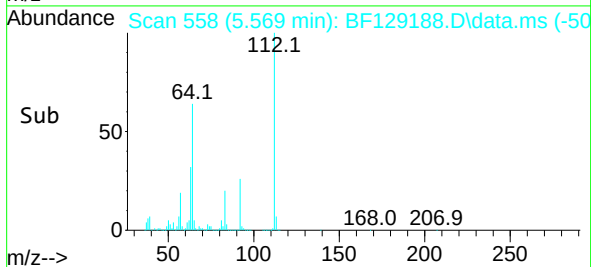
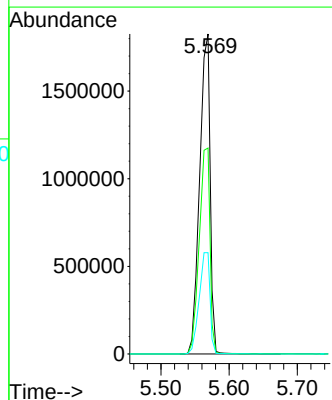
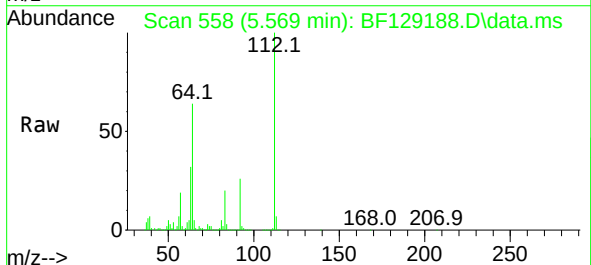
Instrument :
BNA_F
ClientSampleId :
20220497B-SIM/C3B-COMPOSITE

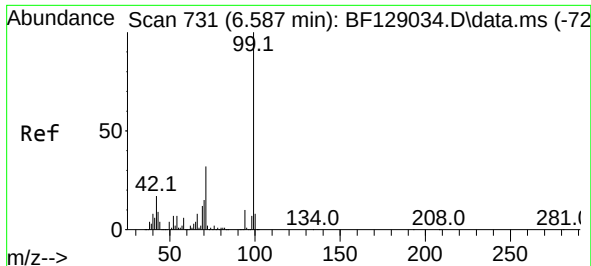
Tgt Ion:152 Resp: 302838
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 108.906 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion:112 Resp: 1950809
Ion Ratio Lower Upper
112 100
64 64.3 53.3 79.9
63 31.7 28.0 42.0

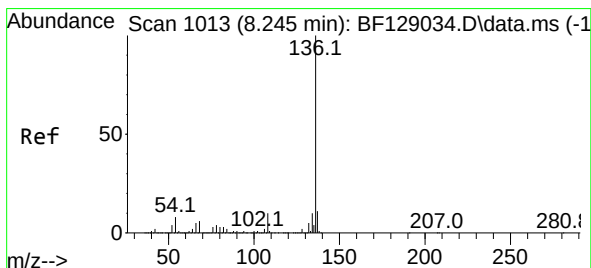
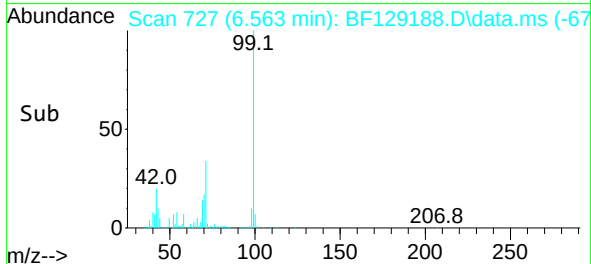
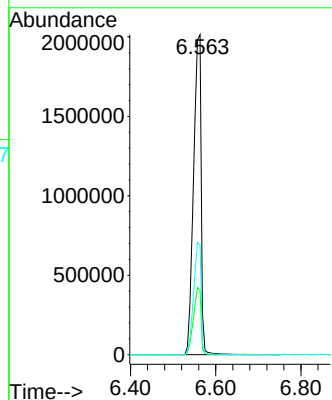
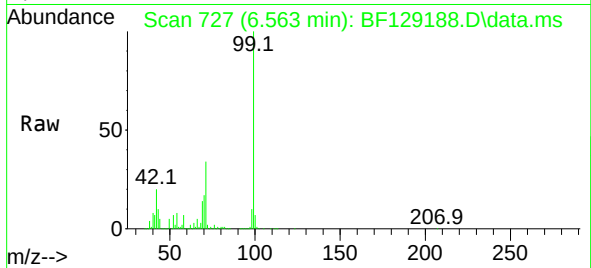




#7
Phenol-d6
Concen: 112.312 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

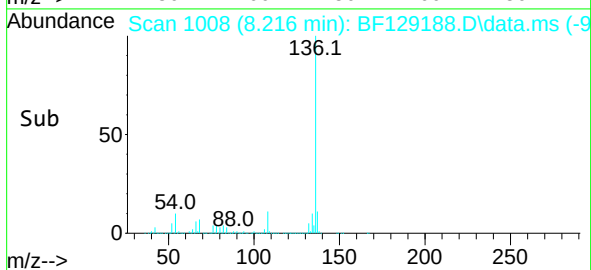
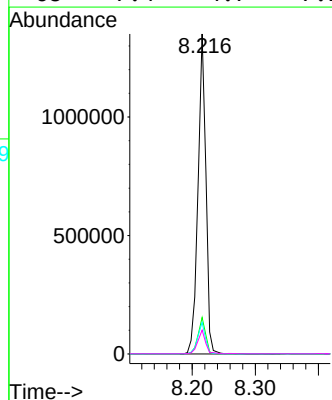
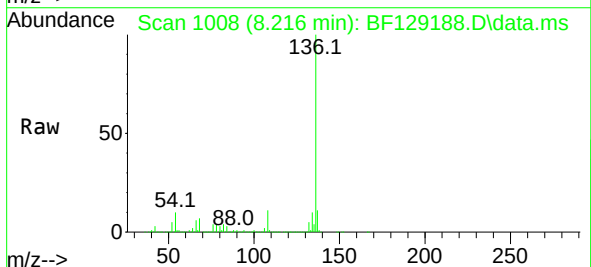
Instrument :
BNA_F
ClientSampleId :
20220497B-SIM/C3B-COMPOSITE

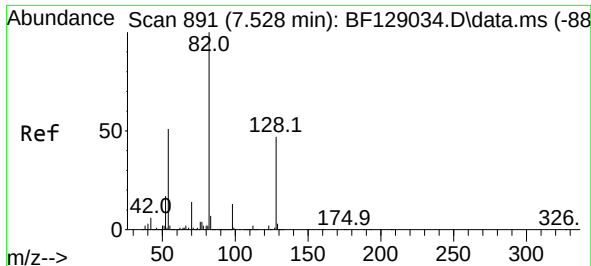
Tgt Ion: 99 Resp: 2498608
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 34.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion: 136 Resp: 1167974
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.9 7.5 11.3
68 7.4 4.7 7.1#

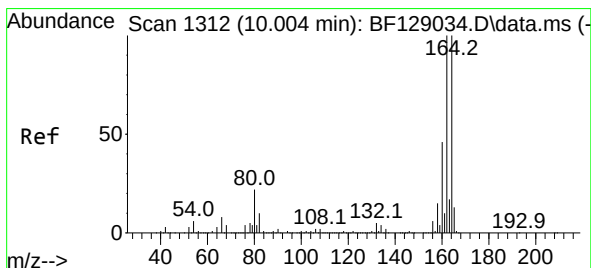
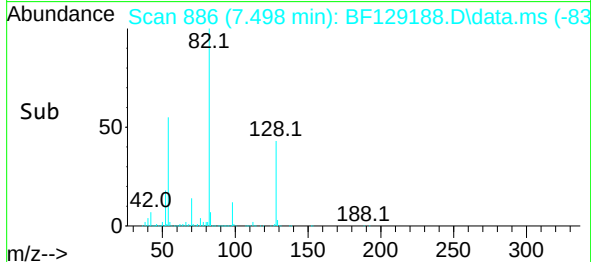
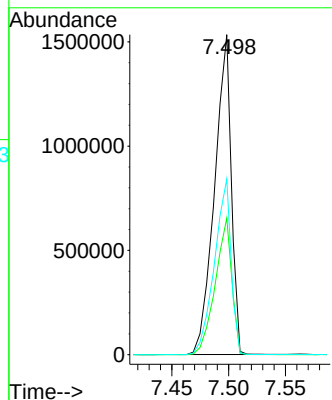
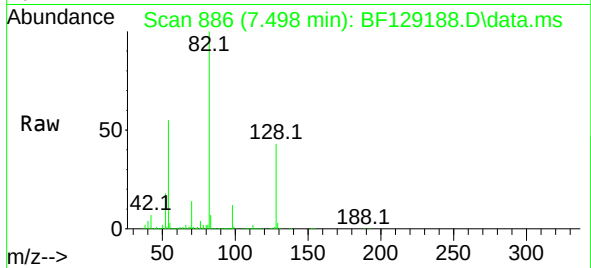




#23
Nitrobenzene-d5
Concen: 80.274 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

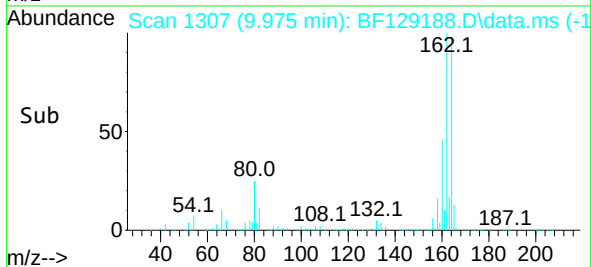
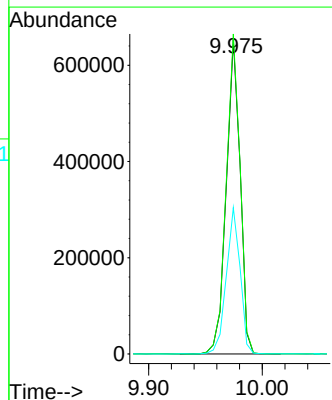
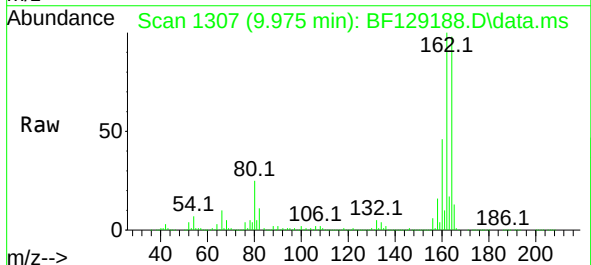
Instrument :
BNA_F
ClientSampleId :
20220497B-SIM/C3B-COMPOSITE

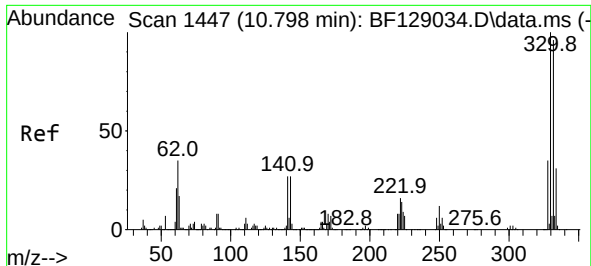
Tgt Ion: 82 Resp: 1571898
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 54.9 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

Tgt Ion:164 Resp: 554849
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 46.6 34.2 51.4

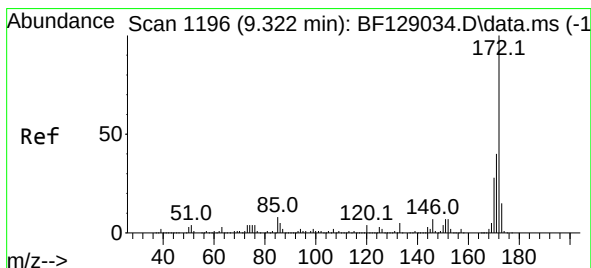
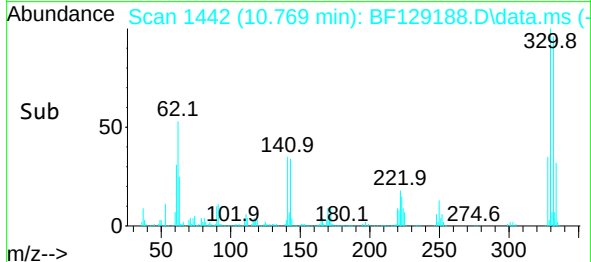
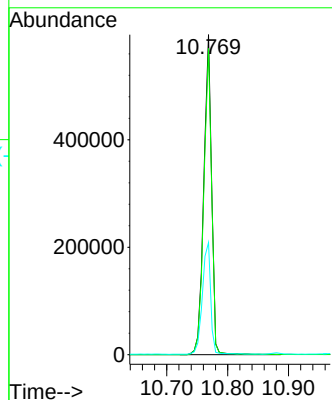
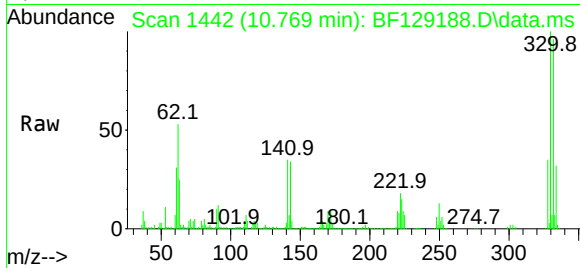




#42
 2,4,6-Tribromophenol
 Concen: 88.119 ng
 RT: 10.769 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF129188.D
 Acq: 12 Jul 2022 14:33

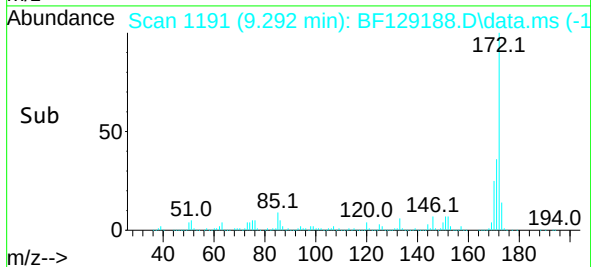
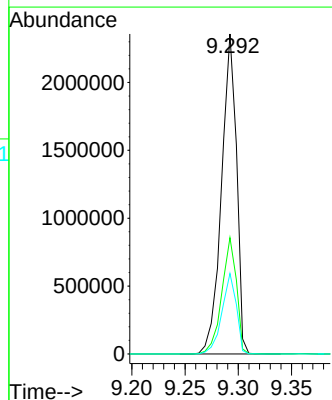
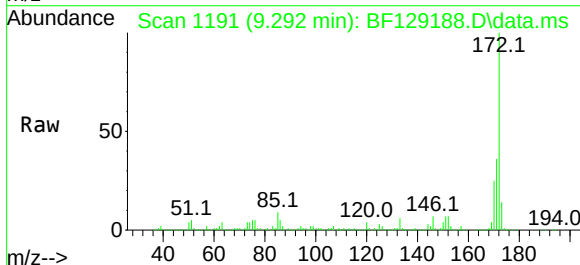
Instrument : BNA_F
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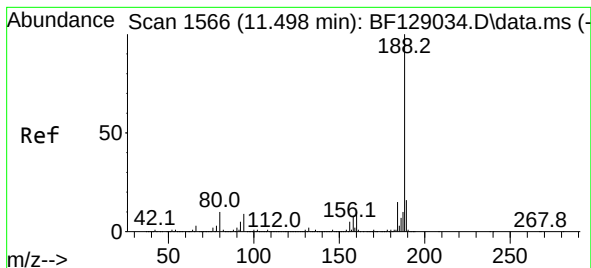
Tgt Ion: 330 Resp: 531638
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 37.3 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 66.484 ng
 RT: 9.292 min Scan# 1191
 Delta R.T. -0.006 min
 Lab File: BF129188.D
 Acq: 12 Jul 2022 14:33

Tgt Ion: 172 Resp: 2305840
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.8 43.2
 170 25.2 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

Instrument :

BNA_F

ClientSampleId :

20220497B-SIM/C3B-COMPOSITE

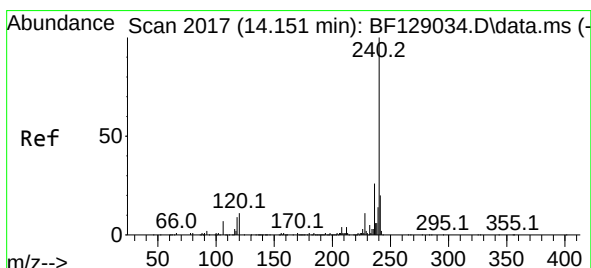
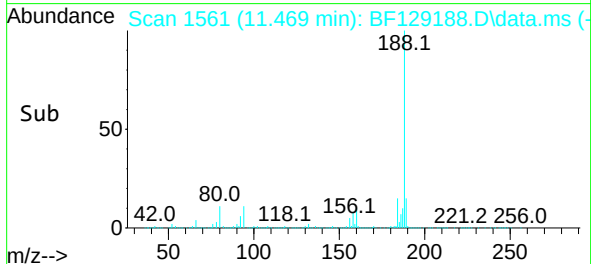
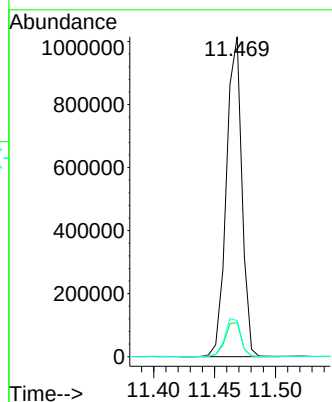
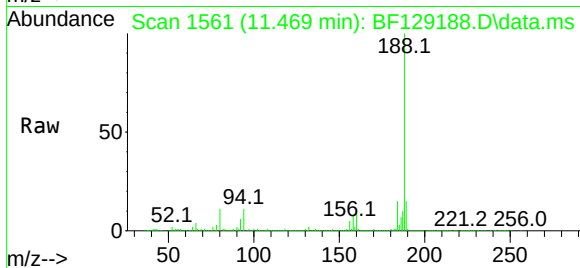
Tgt Ion:188 Resp: 899303

Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF129188.D

Acq: 12 Jul 2022 14:33

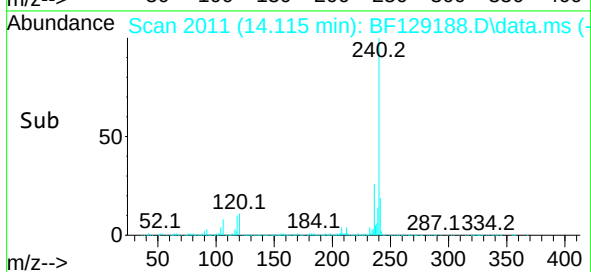
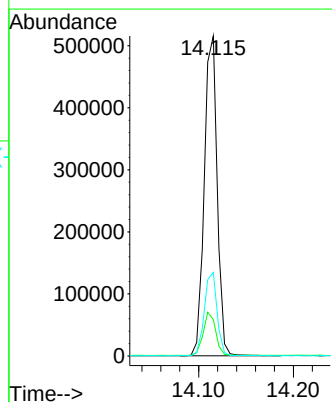
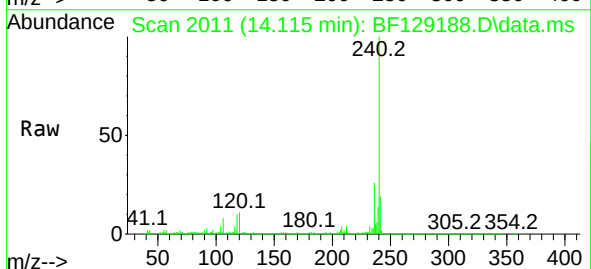
Tgt Ion:240 Resp: 489034

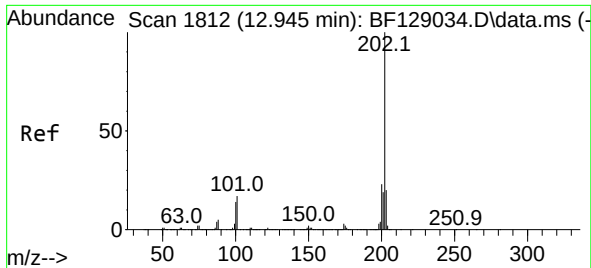
Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 26.1 20.8 31.2

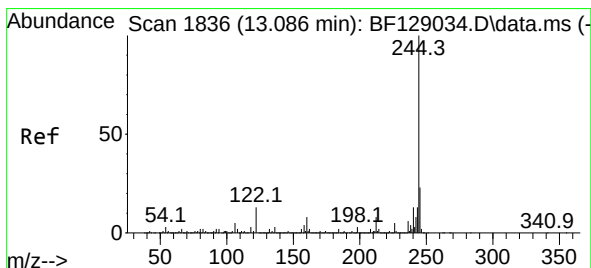
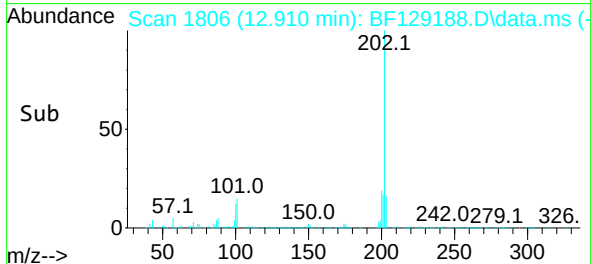
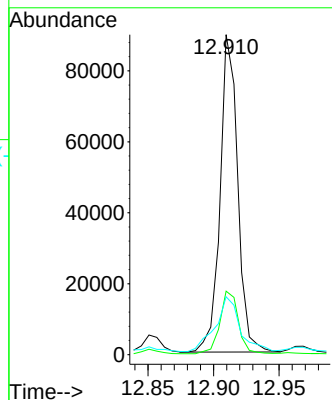
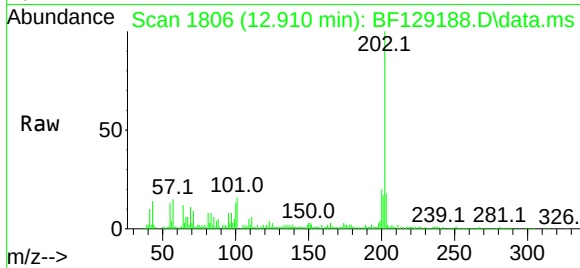




#78
Pyrene
Concen: 2.461 ng
RT: 12.910 min Scan# 1806
Delta R.T. -0.012 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

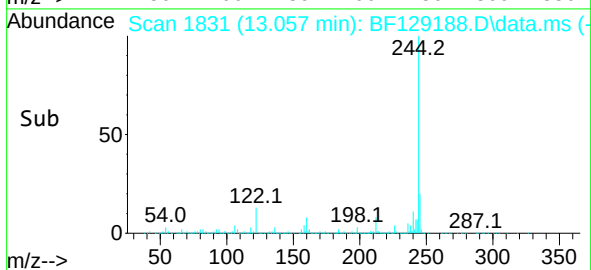
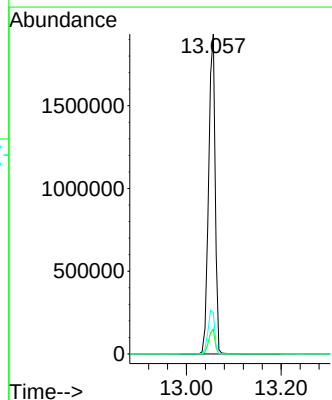
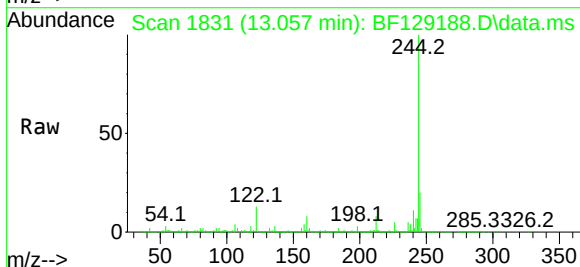
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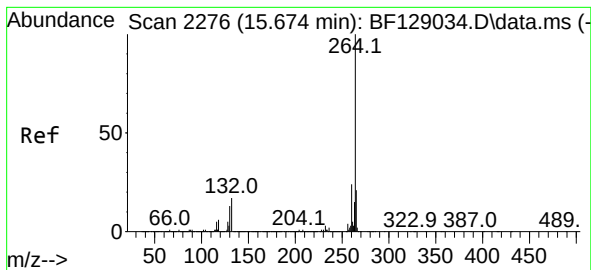
Tgt Ion:202 Resp: 83406
Ion Ratio Lower Upper
202 100
200 19.9 17.7 26.5
203 18.1 14.6 21.8



#79
Terphenyl-d14
Concen: 78.217 ng
RT: 13.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF129188.D
Acq: 12 Jul 2022 14:33

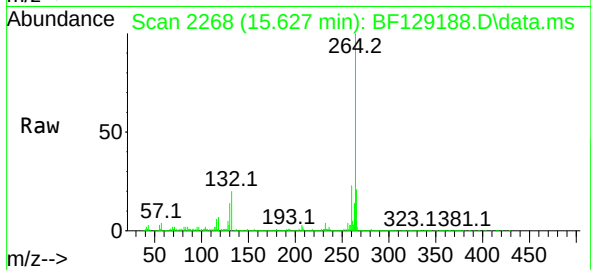
Tgt Ion:244 Resp: 1841971
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 12.9 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF129188.D
 Acq: 12 Jul 2022 14:33

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 475729
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.5 17.2 25.8

