

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
 Data File : BF129100.D
 Acq On : 01 Jul 2022 19:27
 Operator : CG\JU
 Sample : N3561-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Quant Time: Jul 02 01:26:41 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	304890	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1172019	20.000	ng	# 0.00
39) Acenaphthene-d10	9.998	164	622966	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	1128775	20.000	ng	#-0.01
76) Chrysene-d12	14.133	240	724072	20.000	ng	-0.02
86) Perylene-d12	15.656	264	554563	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1682383	93.289	ng	0.00
7) Phenol-d6	6.575	99	2093227	93.457	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1308454	66.590	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	622084	91.836	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	2501873	64.248	ng	-0.01
79) Terphenyl-d14	13.080	244	2645180	75.863	ng	0.00

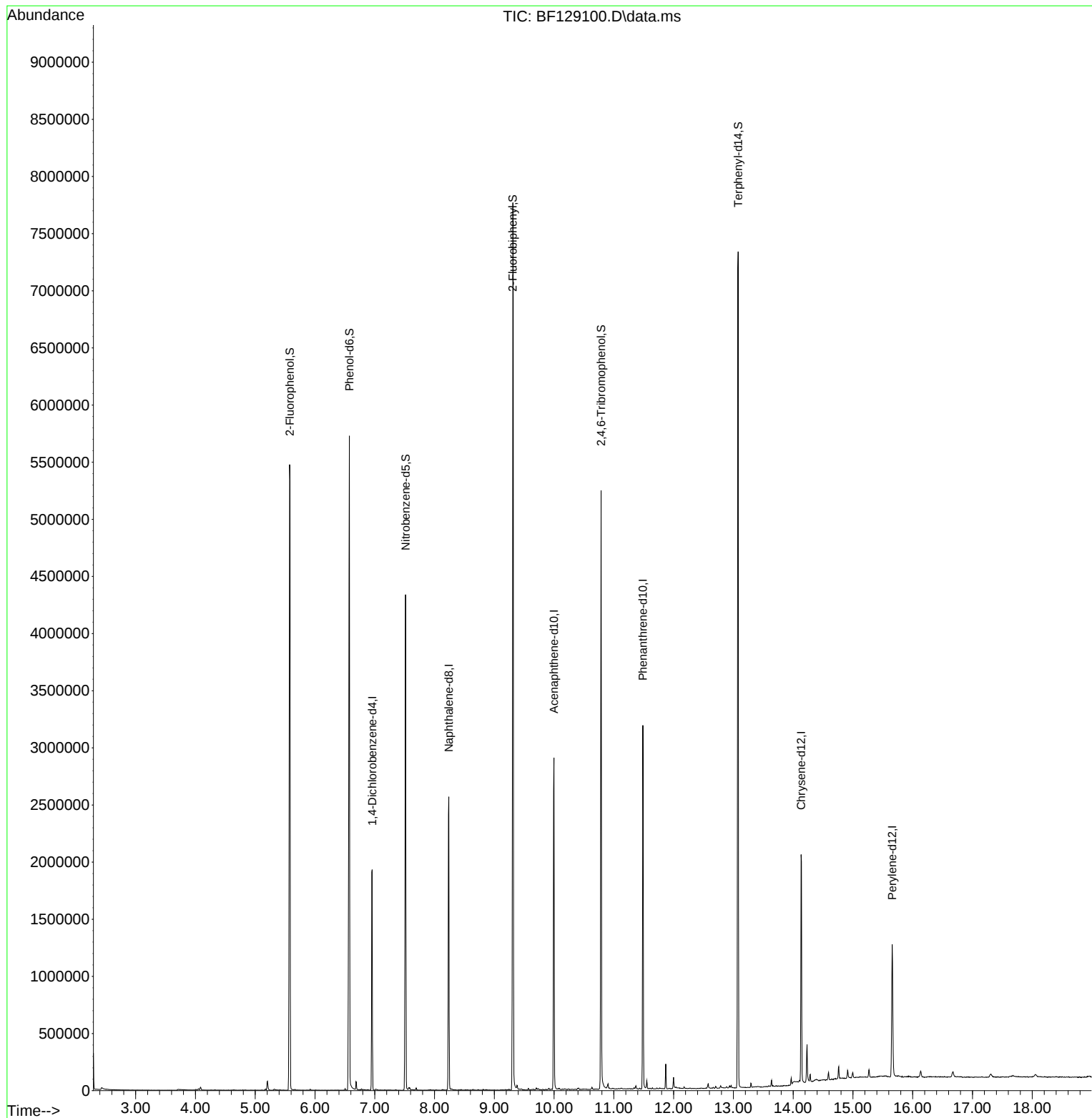
Target Compounds	Qvalue

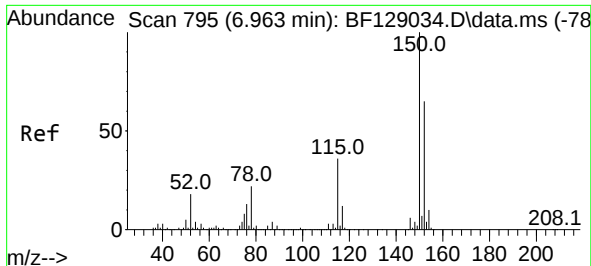
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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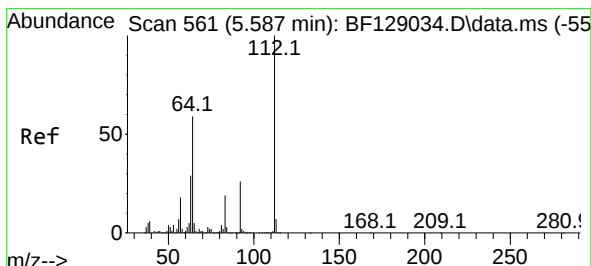
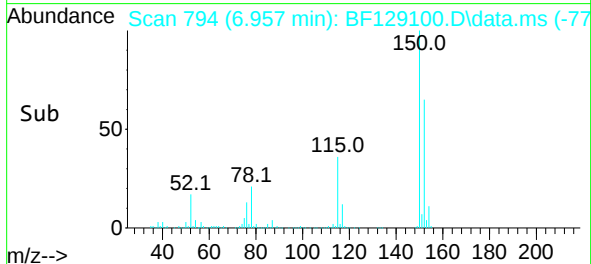
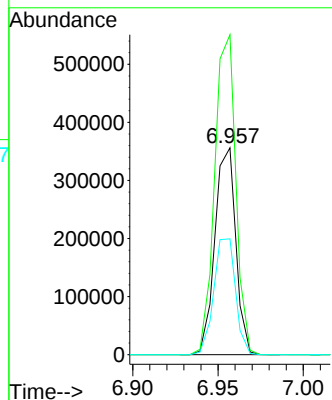
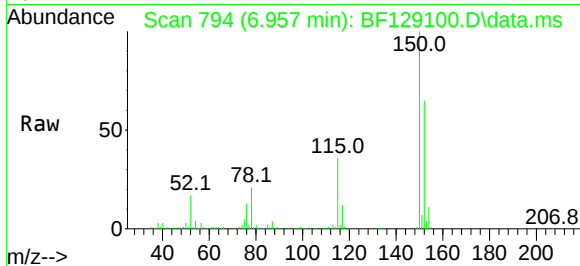




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

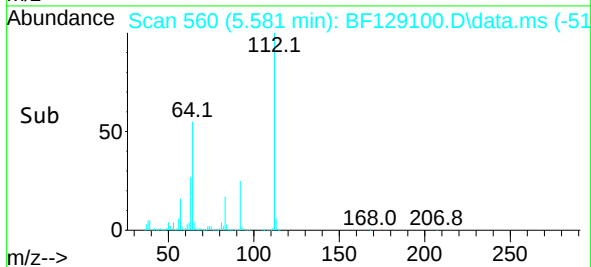
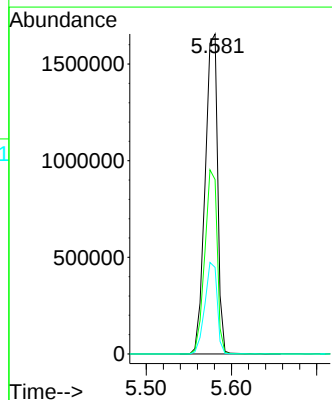
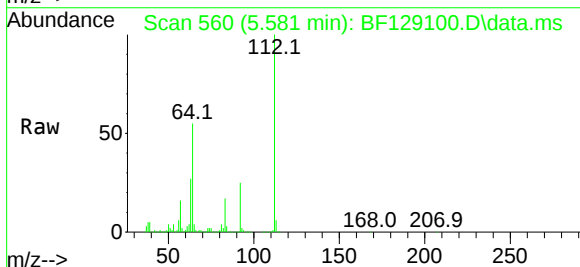
Instrument :
BNA_F
ClientSampleId :
S-2

Tgt Ion:152 Resp: 304890
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 56.0 49.9 74.9



#5
2-Fluorophenol
Concen: 93.289 ng
RT: 5.581 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion:112 Resp: 1682383
Ion Ratio Lower Upper
112 100
64 54.5 53.3 79.9
63 27.0 28.0 42.0#





#7
Phenol-d6
Concen: 93.457 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

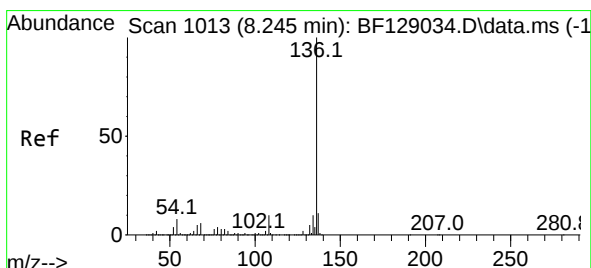
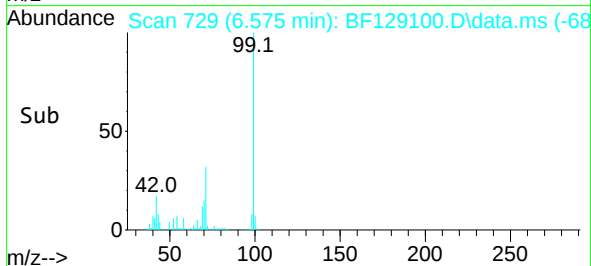
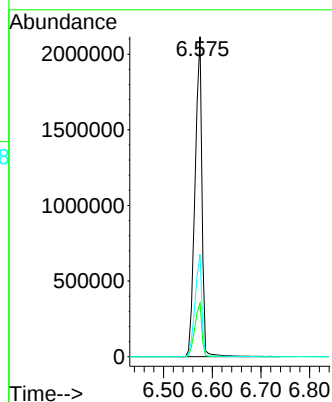
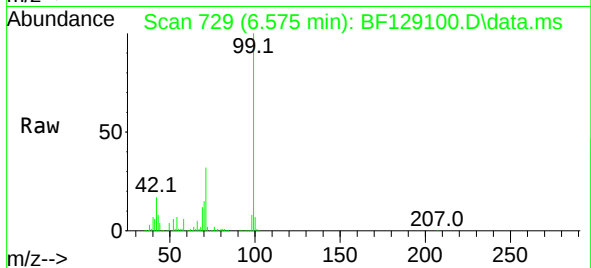
Instrument :

BNA_F

ClientSampleId :

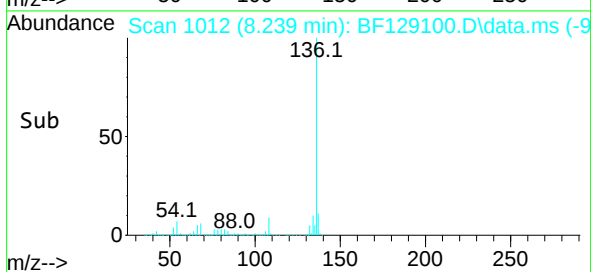
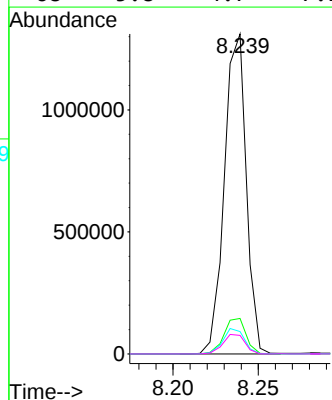
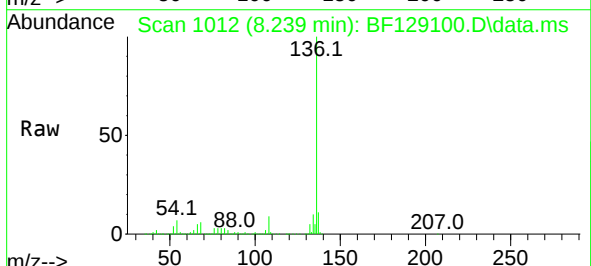
S-2

Tgt Ion: 99 Resp: 2093227
Ion Ratio Lower Upper
99 100
42 16.7 17.3 25.9#
71 31.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion: 136 Resp: 1172019
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 7.5 11.3#
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 66.590 ng

RT: 7.516 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

Instrument :

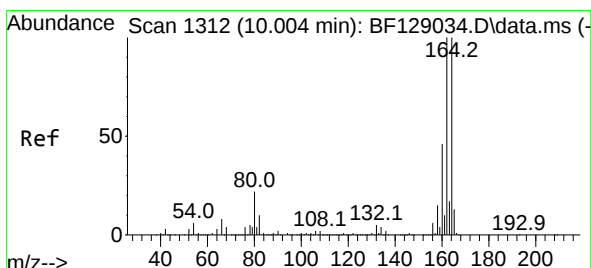
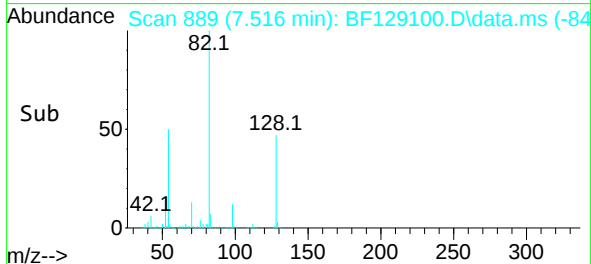
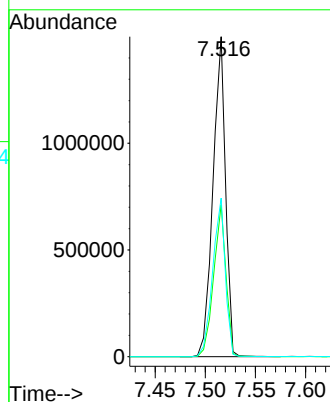
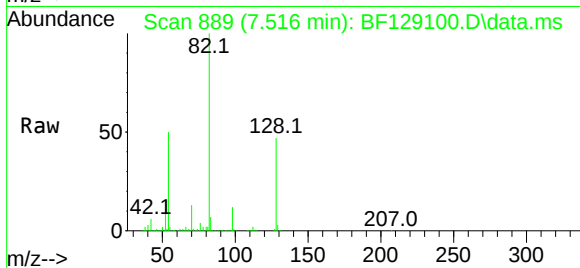
BNA_F

ClientSampleId :

S-2

Tgt Ion: 82 Resp: 1308454

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	49.5	46.9	70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1311

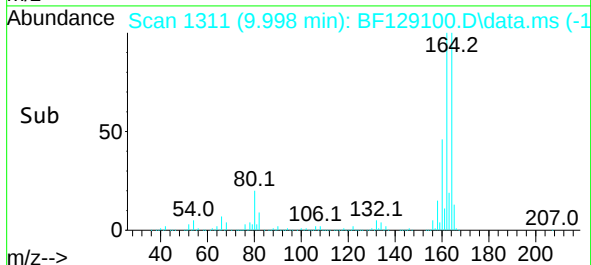
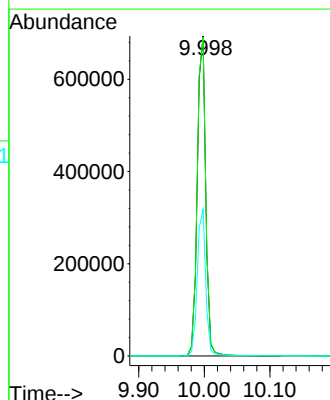
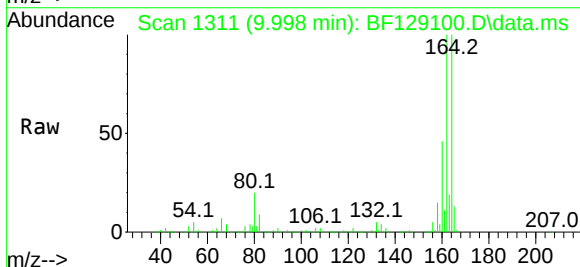
Delta R.T. -0.006 min

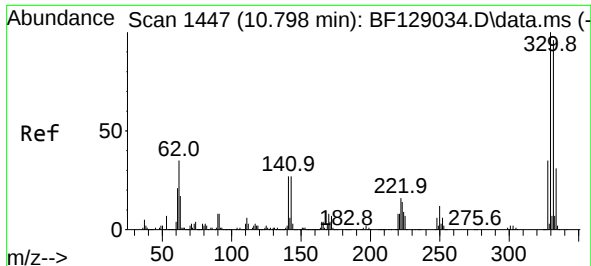
Lab File: BF129100.D

Acq: 01 Jul 2022 19:27

Tgt Ion: 164 Resp: 622966

Ion	Ratio	Lower	Upper
164	100		
162	99.6	79.5	119.3
160	45.8	34.2	51.4

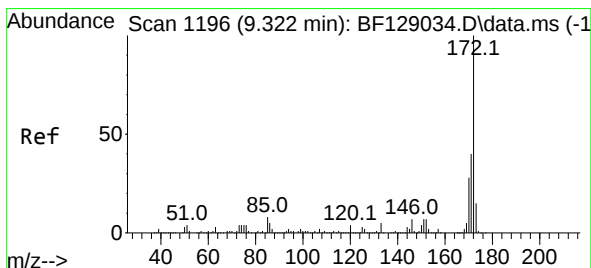
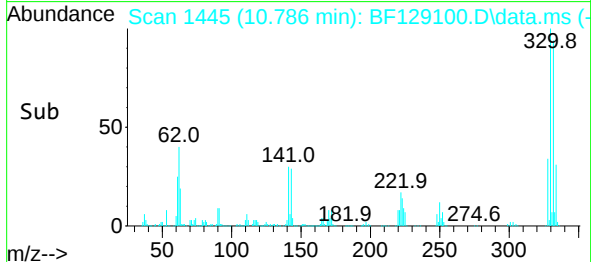
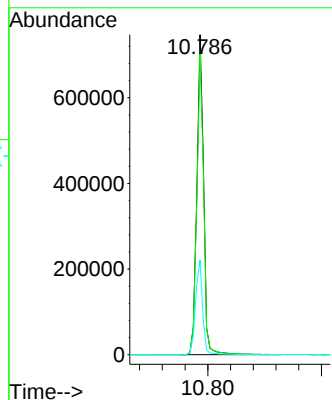
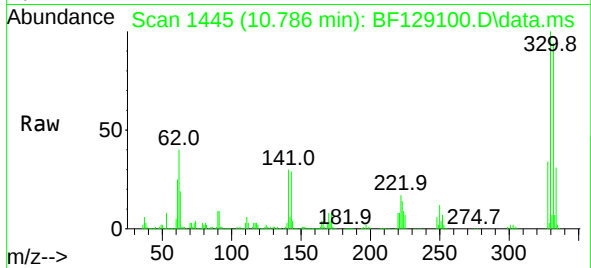




#42
2,4,6-Tribromophenol
Concen: 91.836 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

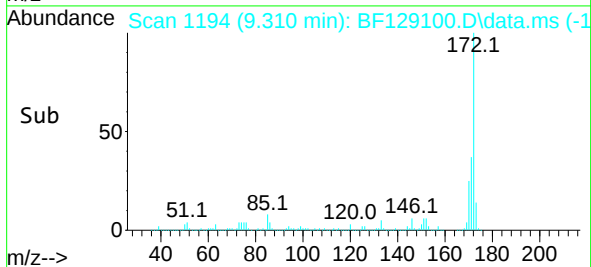
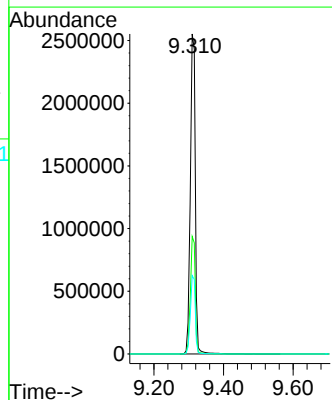
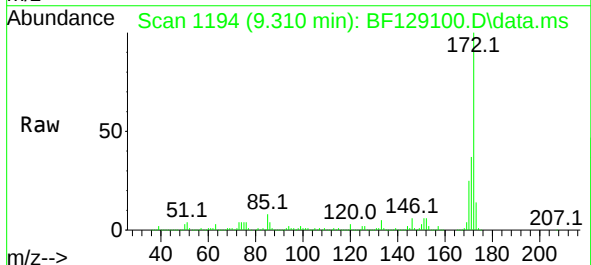
Instrument :
BNA_F
ClientSampleId :
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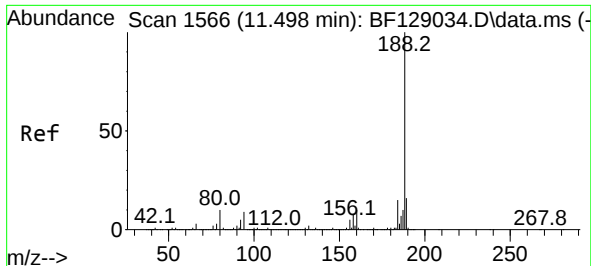
Tgt Ion:330 Resp: 622084
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 30.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 64.248 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion:172 Resp: 2501873
Ion Ratio Lower Upper
172 100
171 36.7 28.8 43.2
170 24.5 19.8 29.8

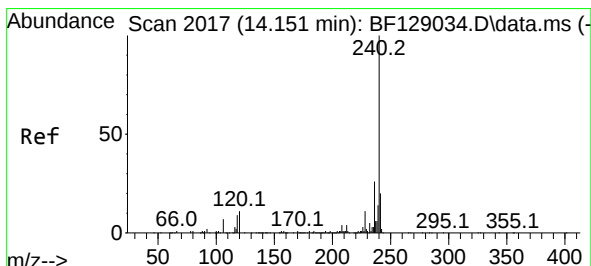
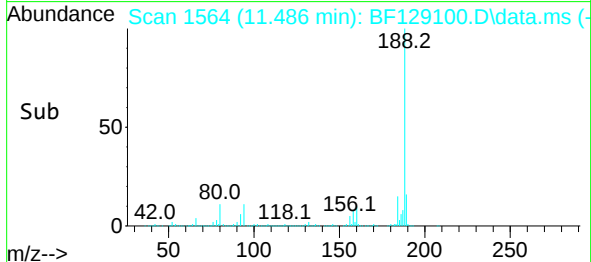
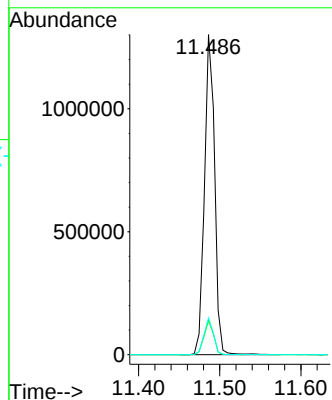
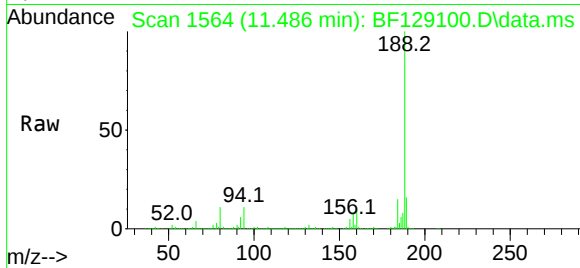




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

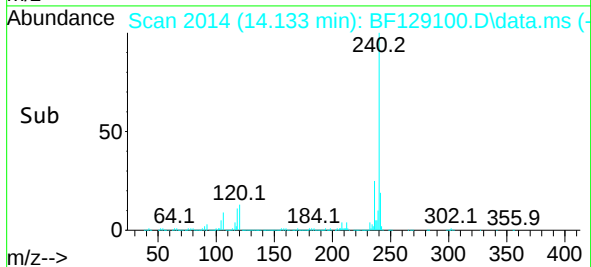
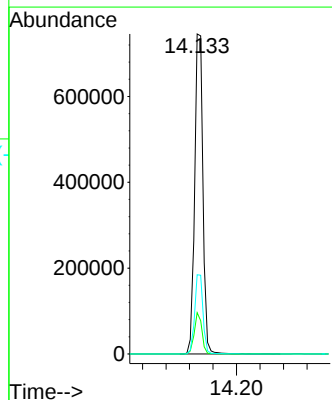
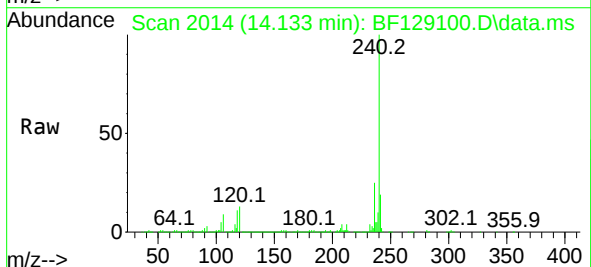
Instrument :
BNA_F
ClientSampleId :
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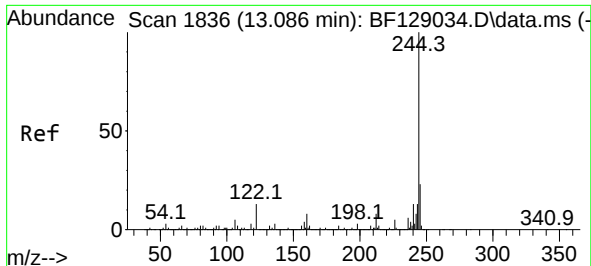
Tgt Ion:188 Resp: 1128775
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.5 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.018 min
Lab File: BF129100.D
Acq: 01 Jul 2022 19:27

Tgt Ion:240 Resp: 724072
Ion Ratio Lower Upper
240 100
120 12.9 8.9 13.3
236 24.7 20.8 31.2

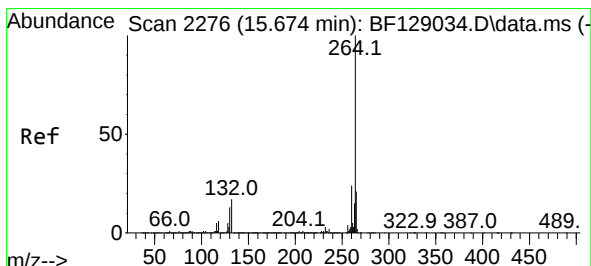
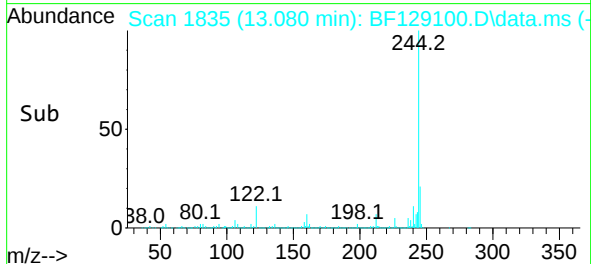
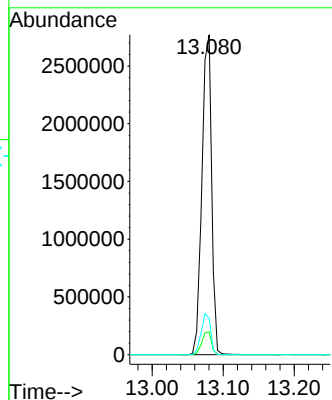
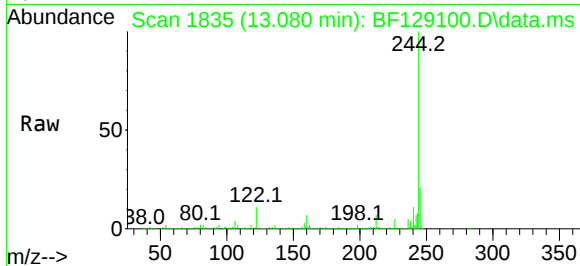




#79
 Terphenyl-d14
 Concen: 75.863 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129100.D
 Acq: 01 Jul 2022 19:27

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Tgt Ion:244 Resp: 2645180
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.656 min Scan# 2273
 Delta R.T. -0.018 min
 Lab File: BF129100.D
 Acq: 01 Jul 2022 19:27

Tgt Ion:264 Resp: 554563
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.6 17.2 25.8

