

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129951.D
 Acq On : 23 Aug 2022 13:40
 Operator : CG\JU
 Sample : N4258-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21153

Quant Time: Aug 23 14:03:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

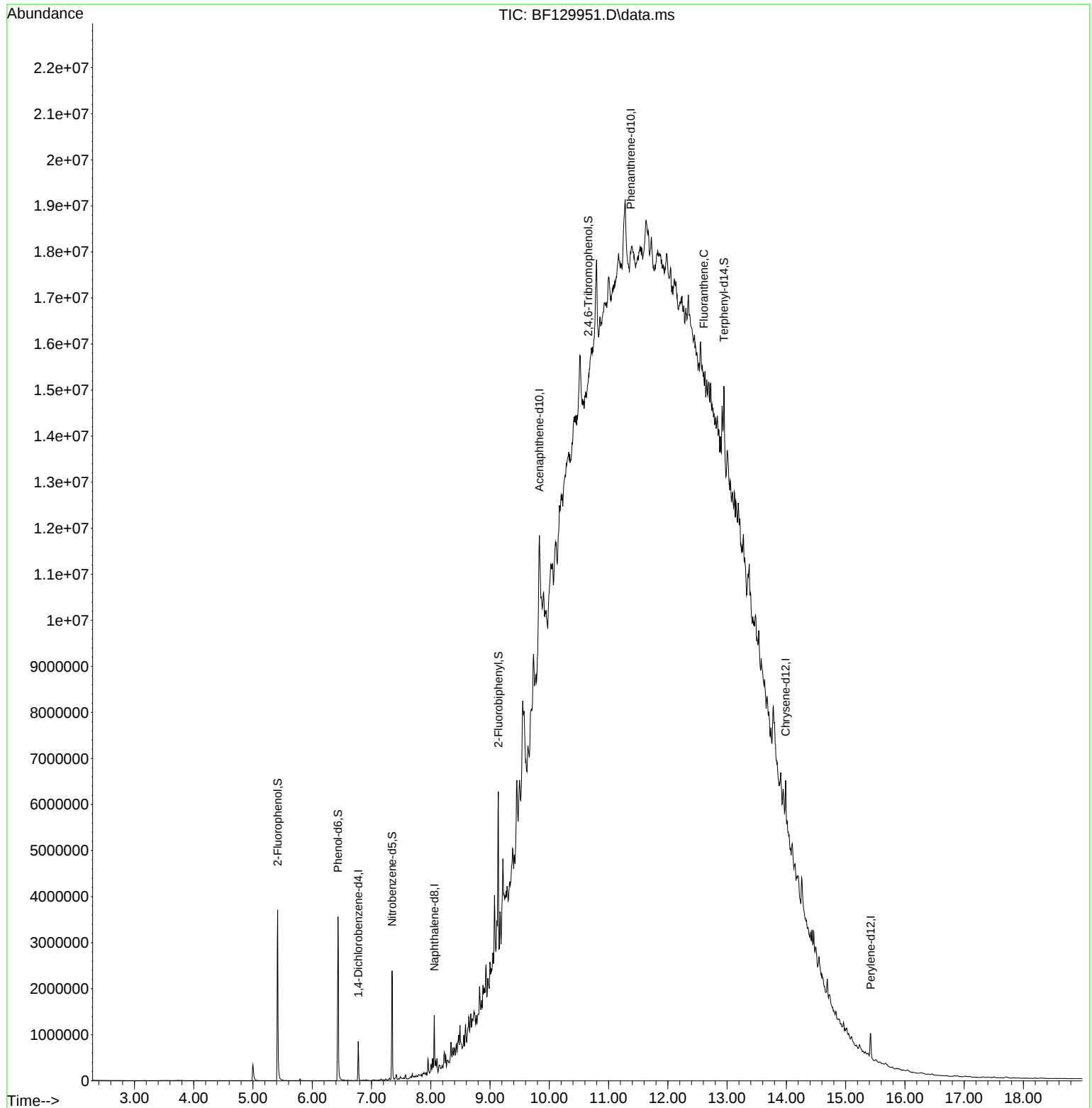
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	114279	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	416664	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	175692	20.000	ng	0.02
64) Phenanthrene-d10	11.375	188	165241	20.000	ng	# 0.07
76) Chrysene-d12	13.986	240	225489	20.000	ng	# 0.04
86) Perylene-d12	15.422	264	243708	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	995744	144.266	ng	0.00
7) Phenol-d6	6.434	99	1230541	142.367	ng	0.00
23) Nitrobenzene-d5	7.346	82	786348	101.028	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	218383	123.847	ng	0.05
45) 2-Fluorobiphenyl	9.140	172	1138373	98.409	ng	0.00
79) Terphenyl-d14	12.945	244	870579	64.242	ng	0.06
Target Compounds						
75) Fluoranthene	12.604	202	29399	3.113	ng	Qvalue # 1

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

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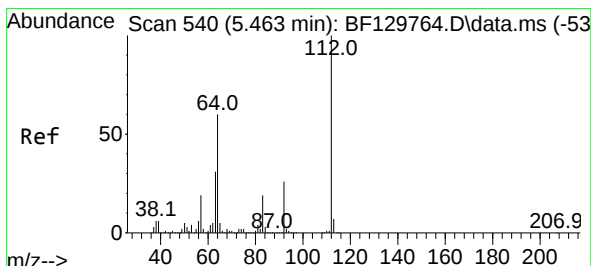
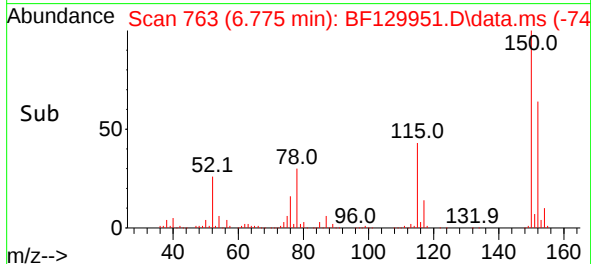
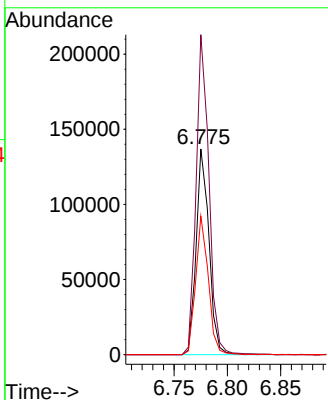
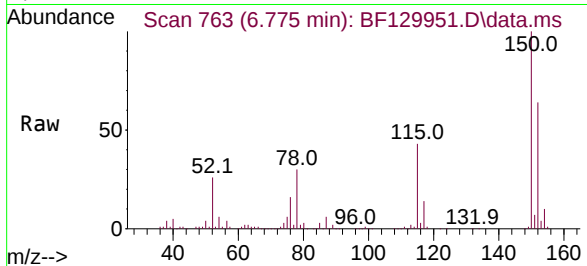




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129951.D
Acq: 23 Aug 2022 13:40

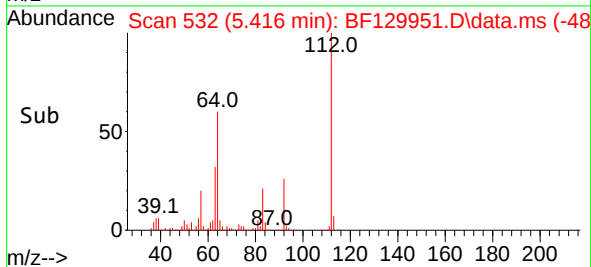
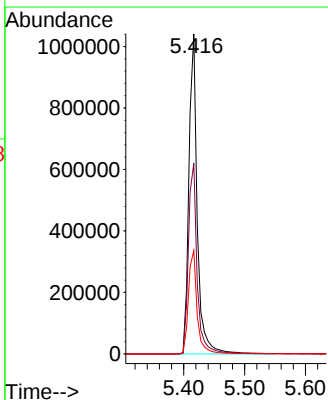
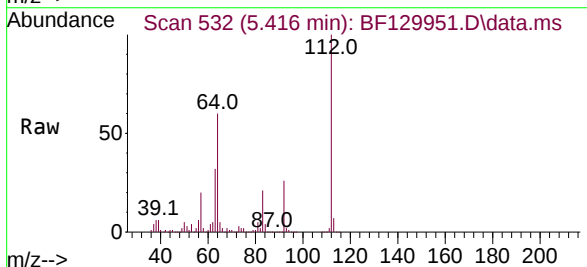
Instrument :
BNA_F
ClientSampleId :
RBR-21153

Tgt Ion:152 Resp: 114279
Ion Ratio Lower Upper
152 100
150 155.6 126.9 190.3
115 67.3 53.4 80.0



#5
2-Fluorophenol
Concen: 144.266 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.006 min
Lab File: BF129951.D
Acq: 23 Aug 2022 13:40

Tgt Ion:112 Resp: 995744
Ion Ratio Lower Upper
112 100
64 59.6 47.6 71.4
63 32.3 24.6 37.0

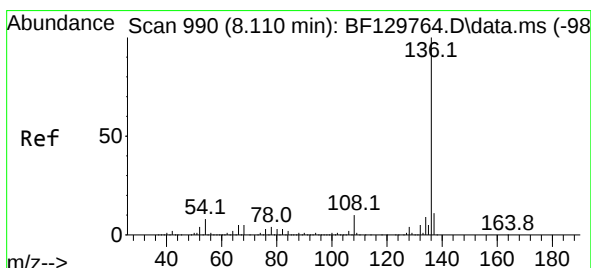
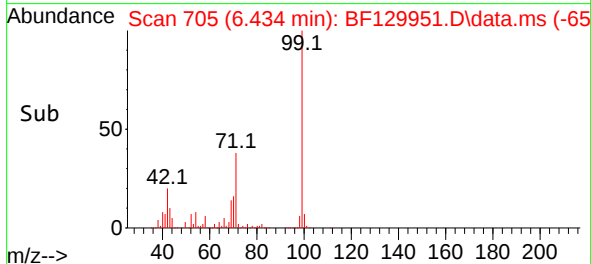
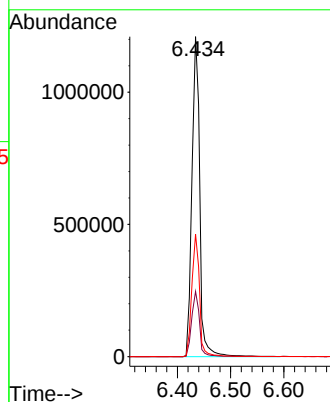
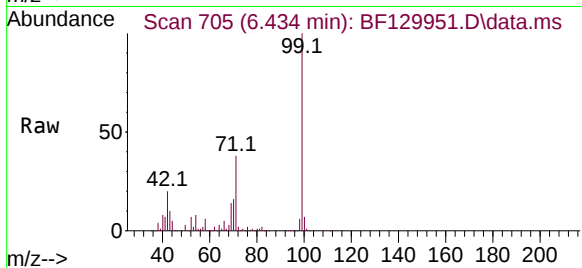




#7
Phenol-d6
Concen: 142.367 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF129951.D
Acq: 23 Aug 2022 13:40

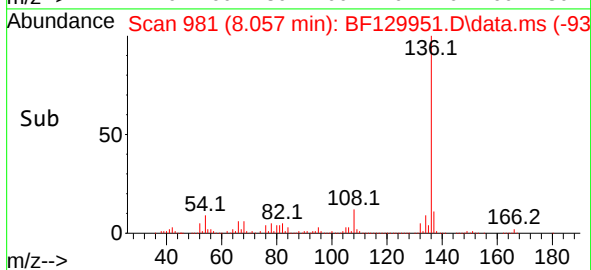
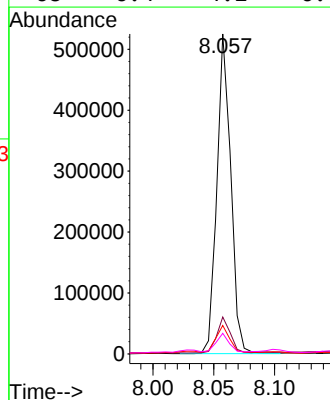
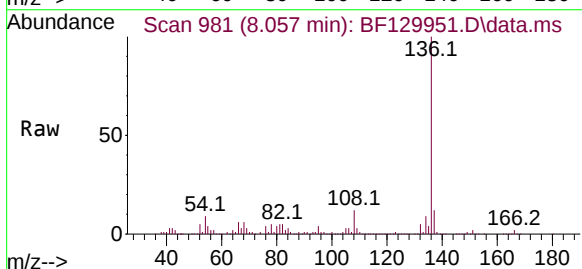
Instrument :
BNA_F
ClientSampleId :
RBR-21153

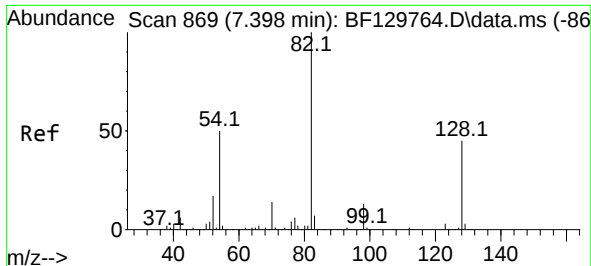
Tgt Ion: 99 Resp: 1230541
Ion Ratio Lower Upper
99 100
42 20.4 15.0 22.4
71 38.3 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF129951.D
Acq: 23 Aug 2022 13:40

Tgt Ion:136 Resp: 416664
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.9 6.2 9.2
68 6.4 4.2 6.4#

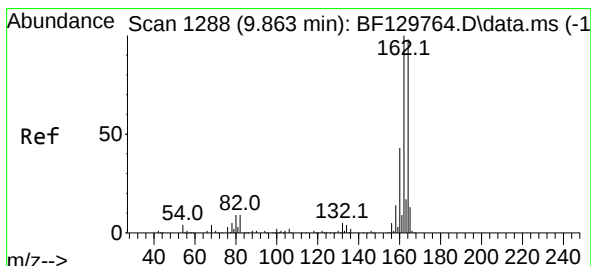
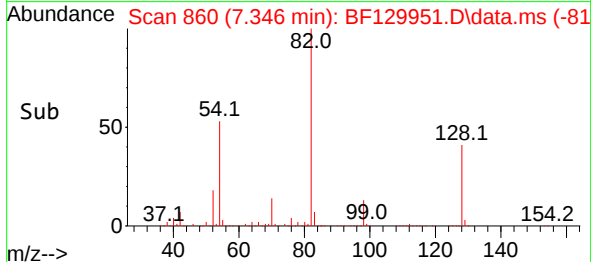
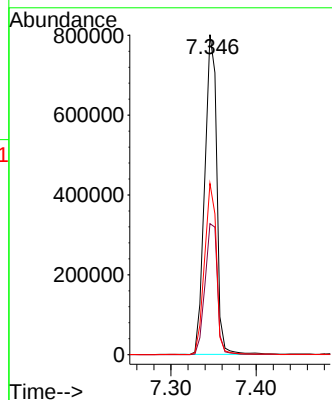
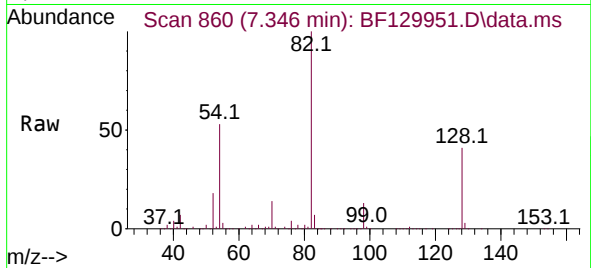




#23
Nitrobenzene-d5
Concen: 101.028 ng
RT: 7.346 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129951.D
Acq: 23 Aug 2022 13:40

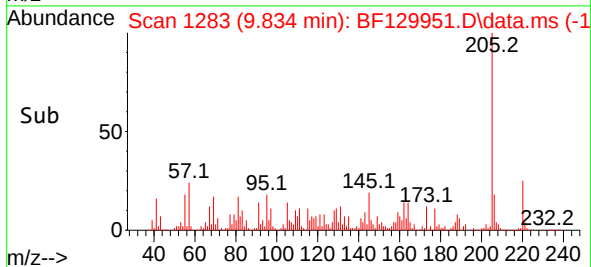
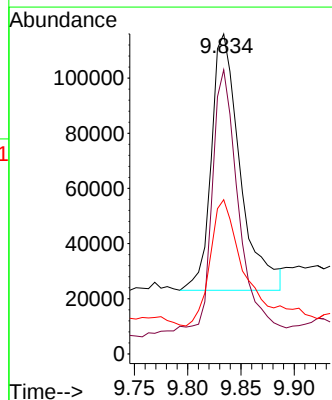
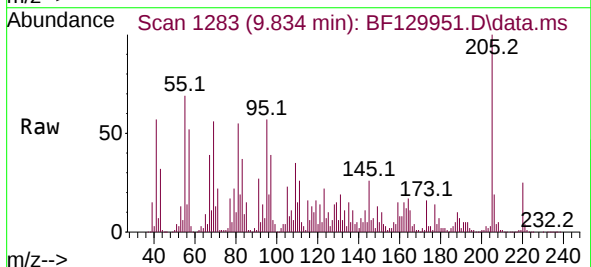
Instrument :
BNA_F
ClientSampleId :
RBR-21153

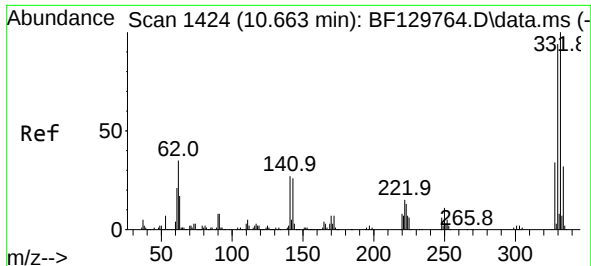
Tgt Ion: 82 Resp: 786348
Ion Ratio Lower Upper
82 100
128 40.9 36.1 54.1
54 53.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1283
Delta R.T. 0.018 min
Lab File: BF129951.D
Acq: 23 Aug 2022 13:40

Tgt Ion: 164 Resp: 175692
Ion Ratio Lower Upper
164 100
162 88.8 82.0 123.0
160 48.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 123.847 ng

RT: 10.657 min Scan# 1423

Delta R.T. 0.047 min

Lab File: BF129951.D

Acq: 23 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

RBR-21153

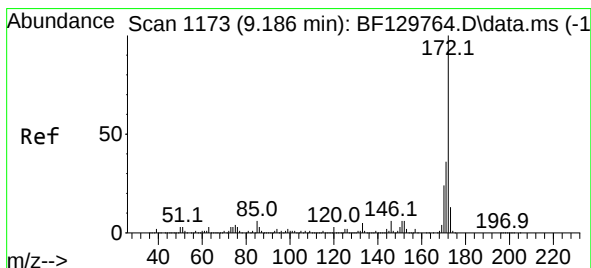
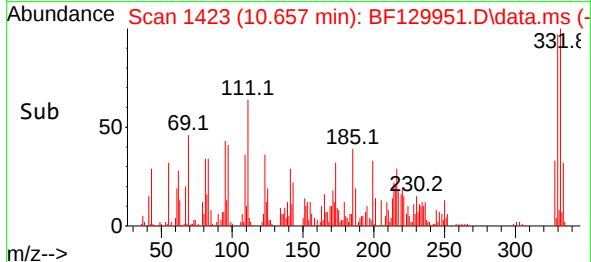
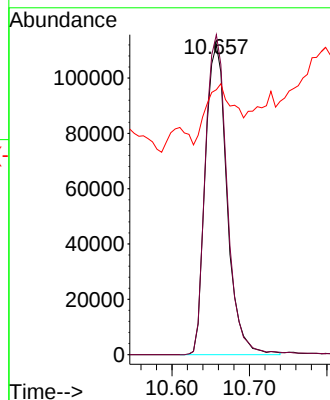
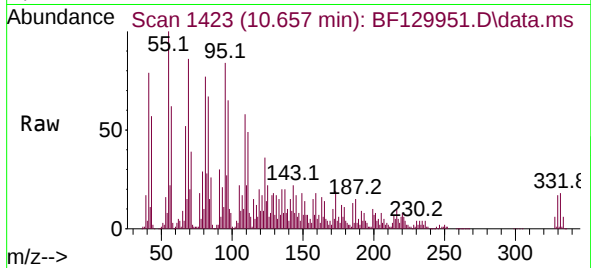
Tgt Ion:330 Resp: 218383

Ion Ratio Lower Upper

330 100

332 103.8 82.6 124.0

141 25.4 27.6 41.4#



#45

2-Fluorobiphenyl

Concen: 98.409 ng

RT: 9.140 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF129951.D

Acq: 23 Aug 2022 13:40

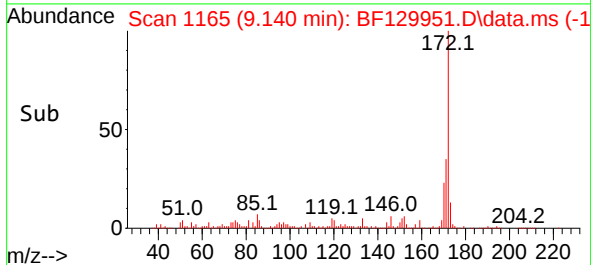
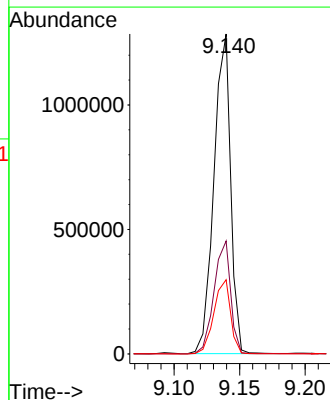
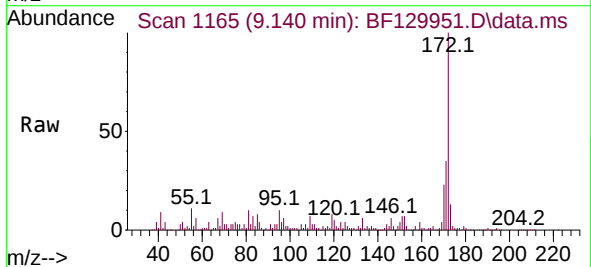
Tgt Ion:172 Resp: 1138373

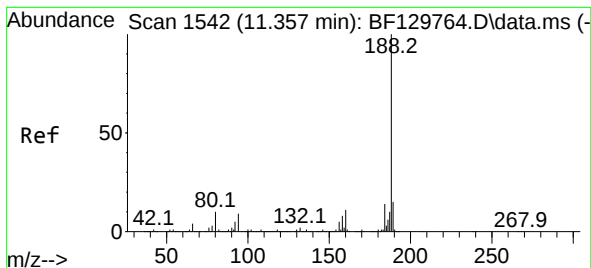
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.071 min

Lab File: BF129951.D

Acq: 23 Aug 2022 13:40

Instrument :

BNA_F

ClientSampleId :

RBR-21153

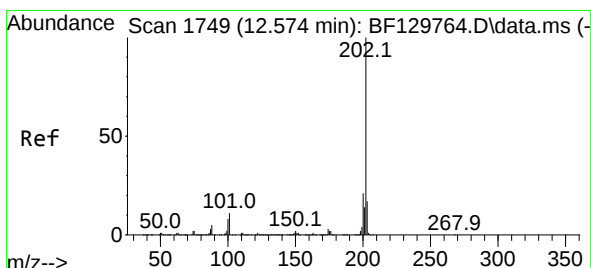
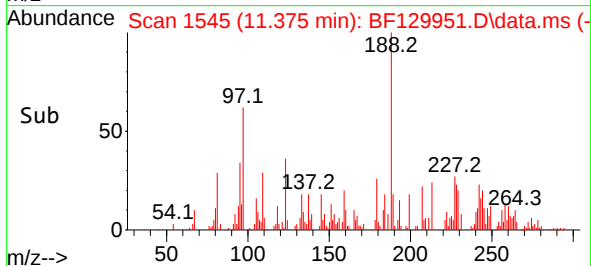
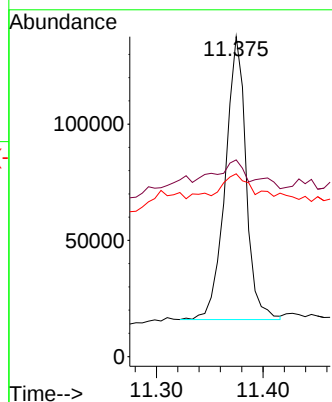
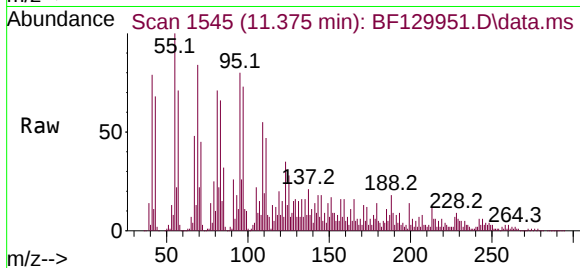
Tgt Ion:188 Resp: 165241

Ion Ratio Lower Upper

188 100

94 61.5 7.4 11.2#

80 57.1 7.9 11.9#



#75

Fluoranthene

Concen: 3.113 ng

RT: 12.604 min Scan# 1754

Delta R.T. 0.083 min

Lab File: BF129951.D

Acq: 23 Aug 2022 13:40

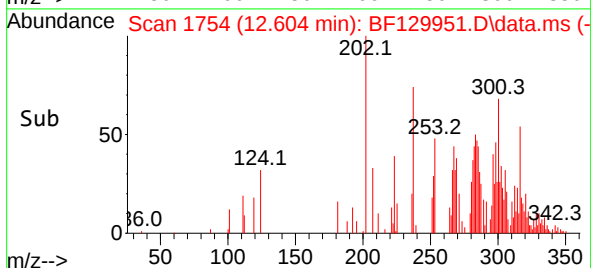
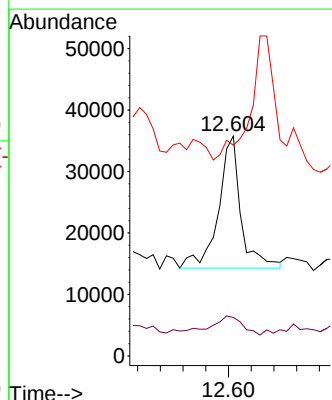
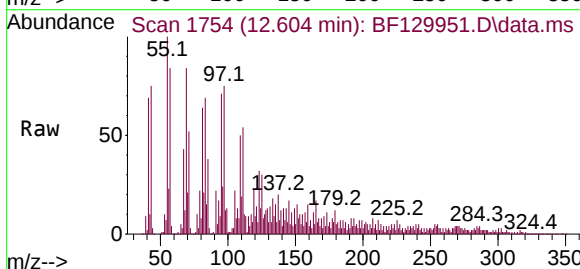
Tgt Ion:202 Resp: 29399

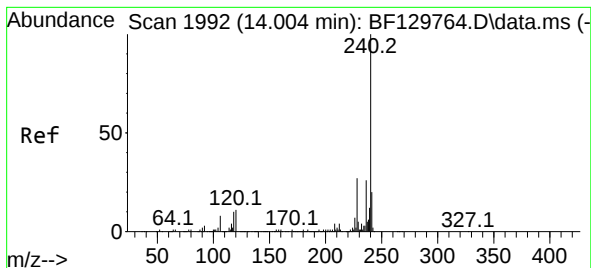
Ion Ratio Lower Upper

202 100

101 17.5 0.0 30.7

203 95.9 0.0 37.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 1992

Delta R.T. 0.036 min

Lab File: BF129951.D

Acq: 23 Aug 2022 13:40

Instrument :

BNA_F

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RBR-21153

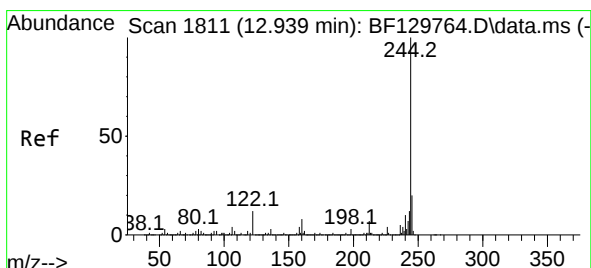
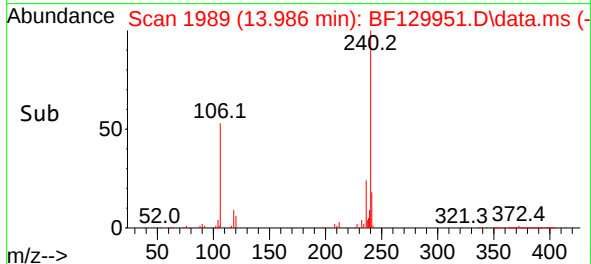
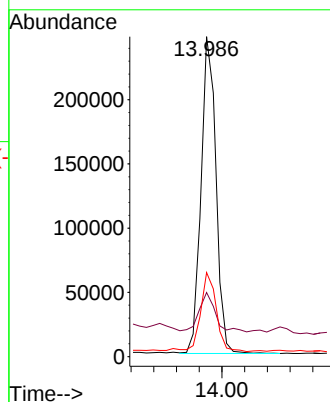
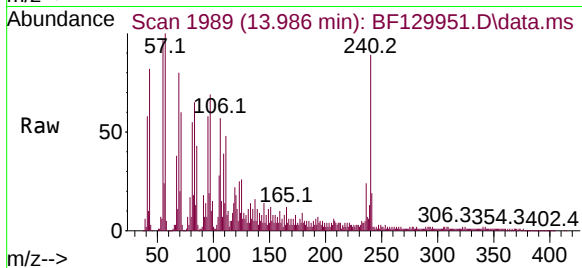
Tgt Ion:240 Resp: 225489

Ion Ratio Lower Upper

240 100

120 20.0 9.2 13.8#

236 26.3 20.7 31.1



#79

Terphenyl-d14

Concen: 64.242 ng

RT: 12.945 min Scan# 1812

Delta R.T. 0.059 min

Lab File: BF129951.D

Acq: 23 Aug 2022 13:40

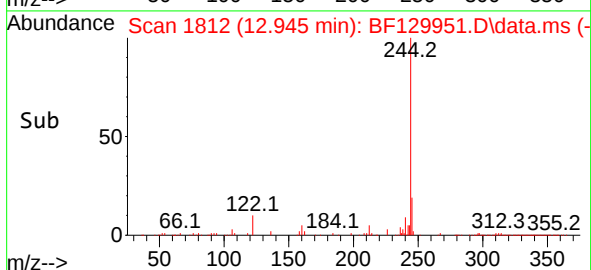
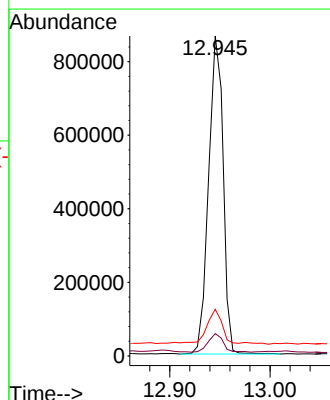
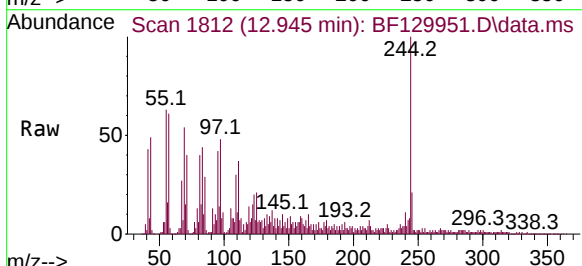
Tgt Ion:244 Resp: 870579

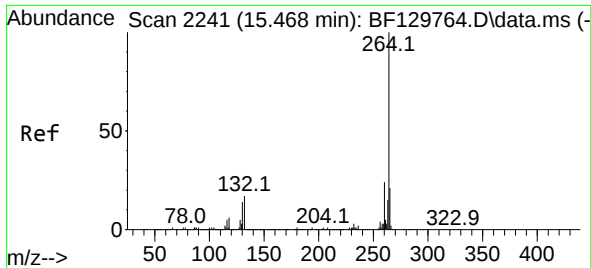
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 14.6 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.422 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF129951.D
 Acq: 23 Aug 2022 13:40

Instrument :
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 ClientSampleId :
 RBR-21153

Tgt Ion:264 Resp: 243708
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.6 16.7 25.1

