

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129236.D
 Acq On : 15 Jul 2022 14:00
 Operator : CG\JU
 Sample : PB146202TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146202TB

Quant Time: Jul 15 18:24:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	339340	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1417668	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	758991	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1269919	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	978334	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	794559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2101305	98.895	ng	0.01
7) Phenol-d6	6.522	99	2799669	101.876	ng	0.00
23) Nitrobenzene-d5	7.457	82	1857086	70.023	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	775337	110.059	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3235886	72.231	ng	0.00
79) Terphenyl-d14	13.016	244	3571892	68.299	ng	0.00

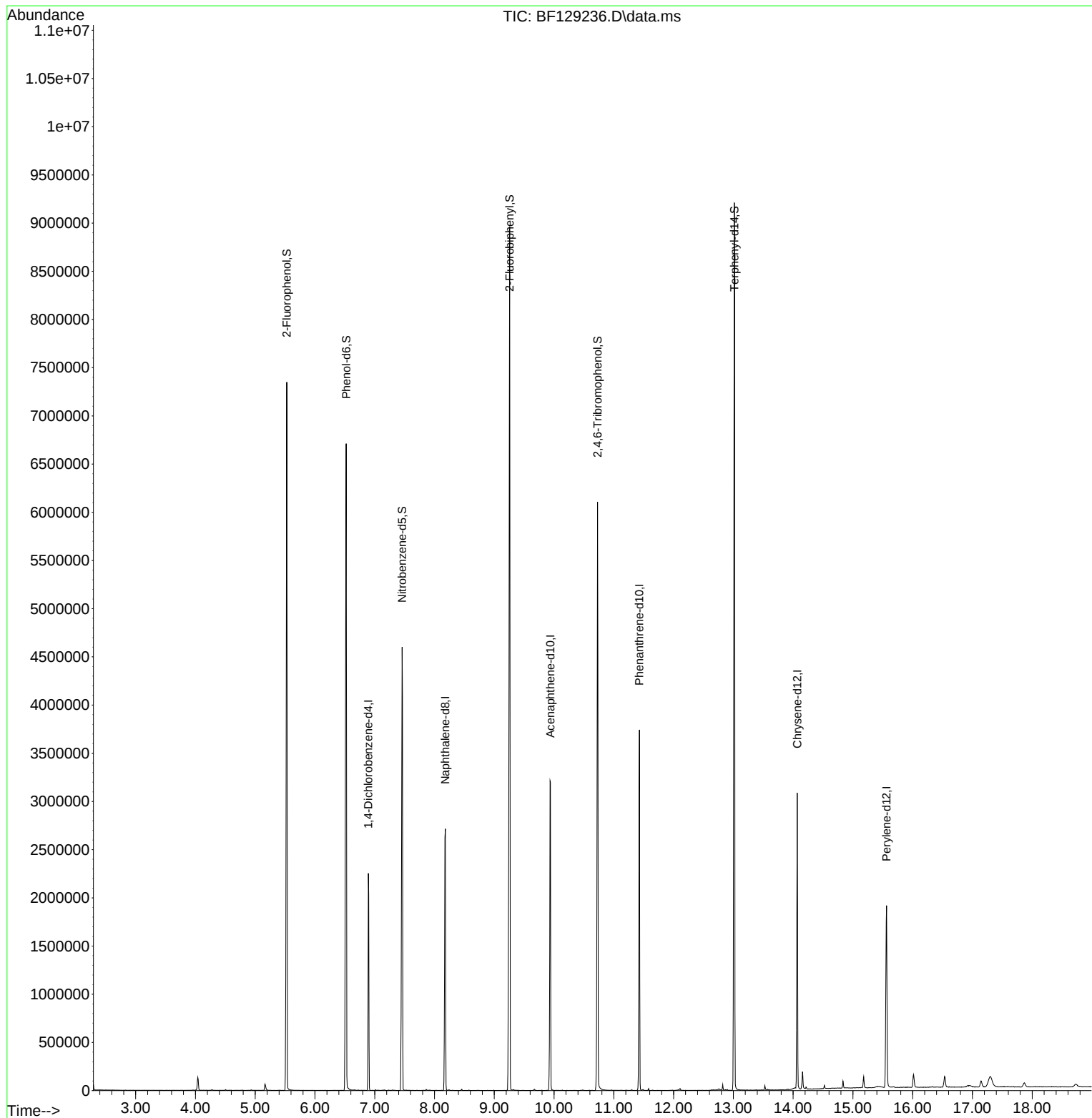
Target Compounds	Qvalue

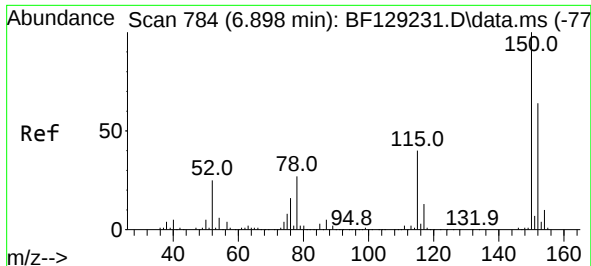
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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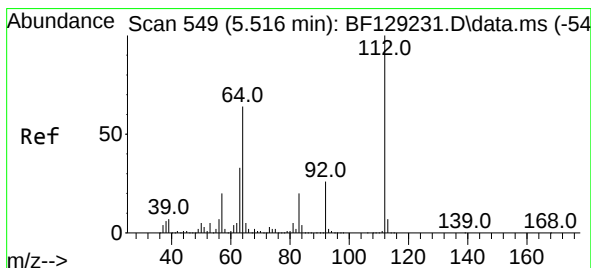
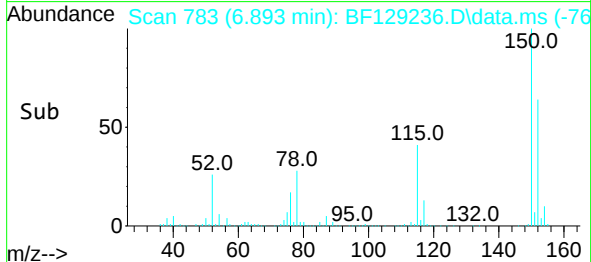
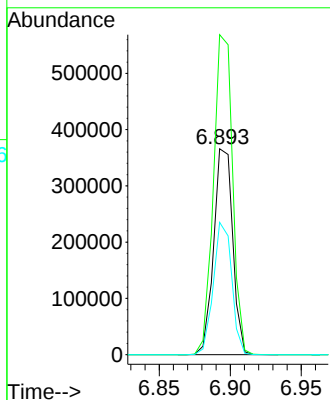
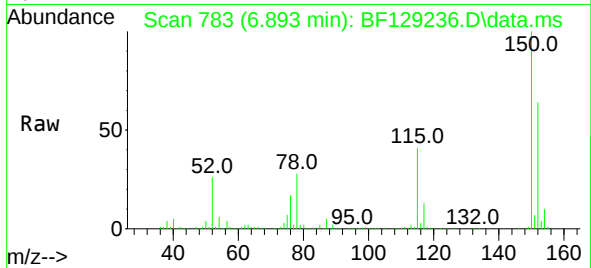




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129236.D
 Acq: 15 Jul 2022 14:00

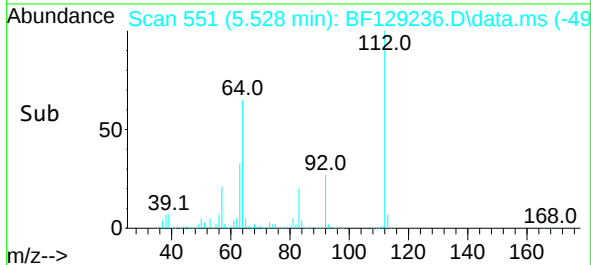
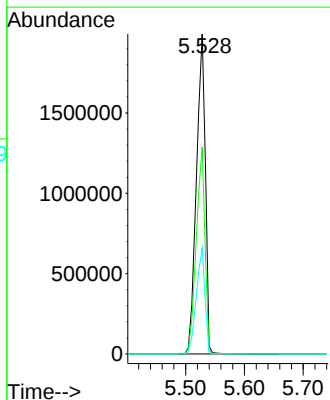
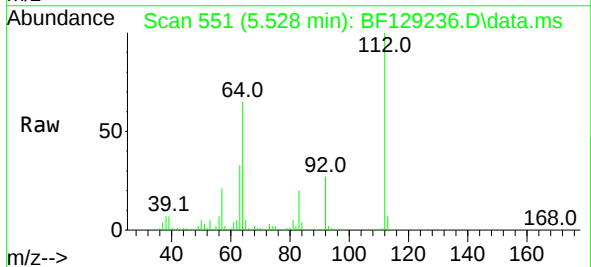
Instrument :
 BNA_F
 ClientSampleId :
 PB146202TB

Tgt Ion:152 Resp: 339340
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.7 185.5
 115 64.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 98.895 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF129236.D
 Acq: 15 Jul 2022 14:00

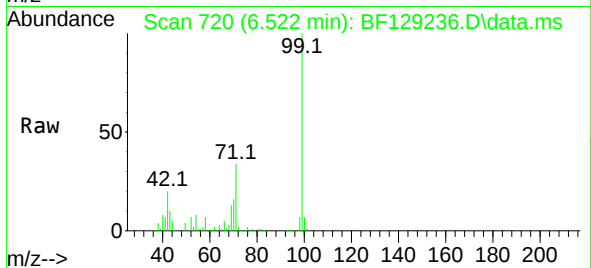
Tgt Ion:112 Resp: 2101305
 Ion Ratio Lower Upper
 112 100
 64 64.6 53.3 79.9
 63 33.2 28.0 42.0





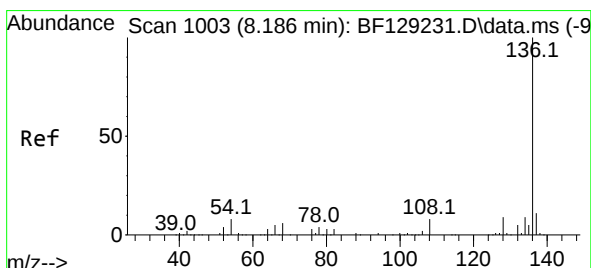
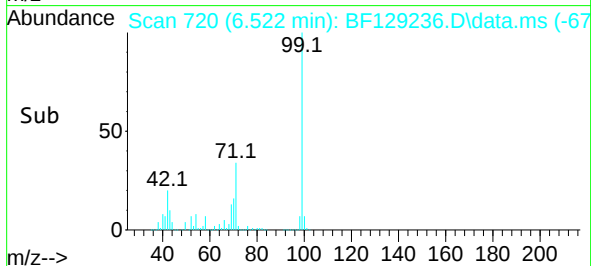
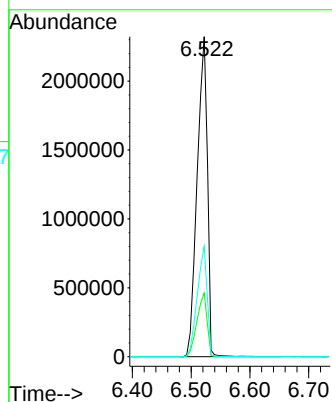
#7
Phenol-d6
Concen: 101.876 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB146202TB



Tgt Ion: 99 Resp: 2799669

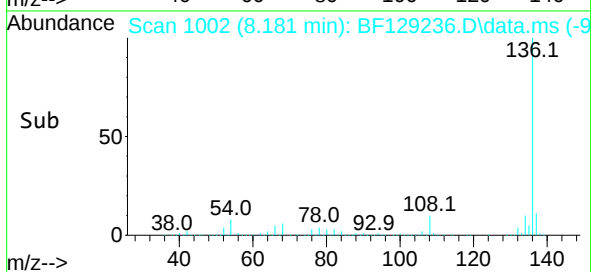
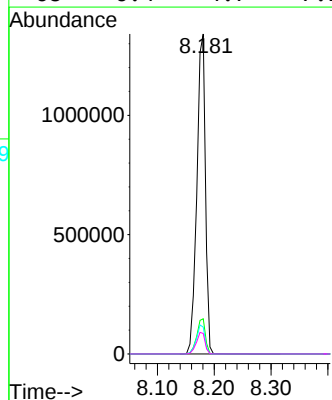
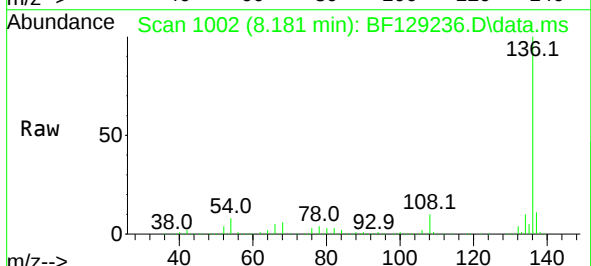
Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	34.4	28.9	43.3

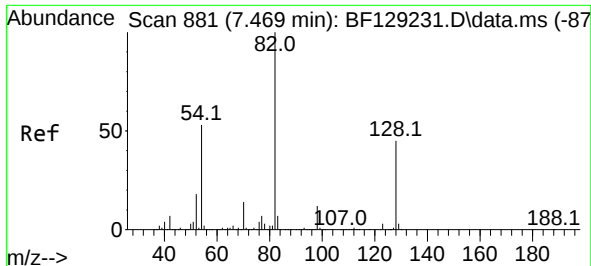


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Tgt Ion: 136 Resp: 1417668

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	7.5	11.3
68	6.4	4.7	7.1

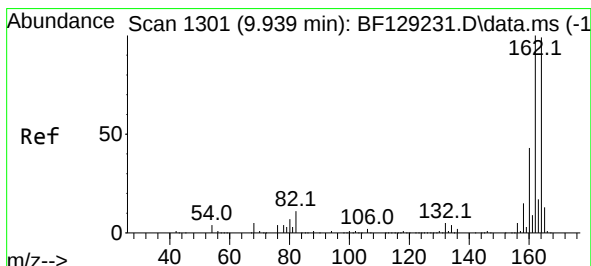
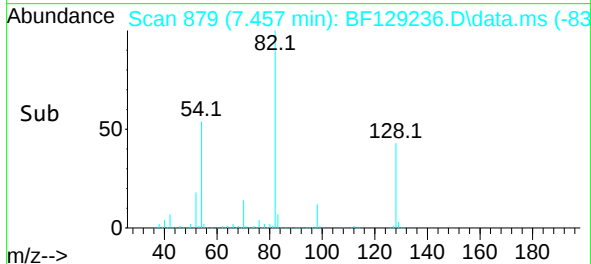
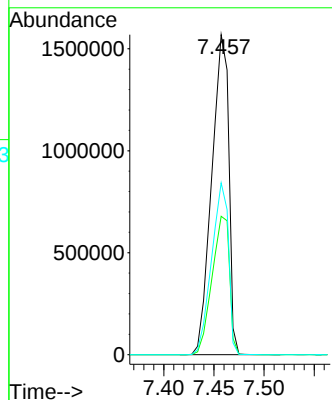
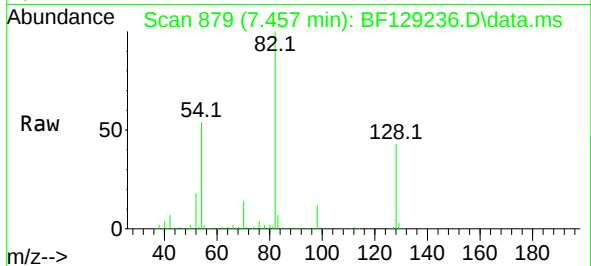




#23
Nitrobenzene-d5
Concen: 70.023 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

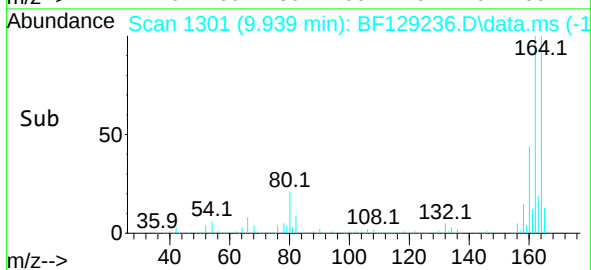
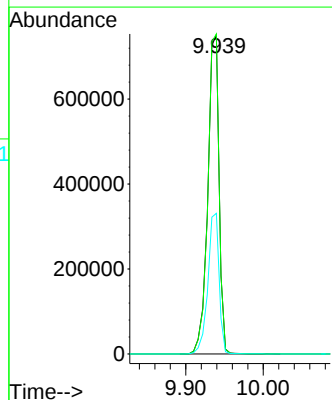
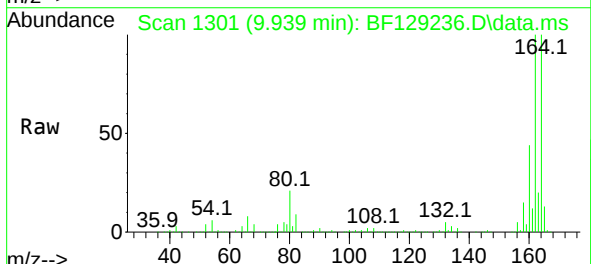
Instrument :
BNA_F
ClientSampleId :
PB146202TB

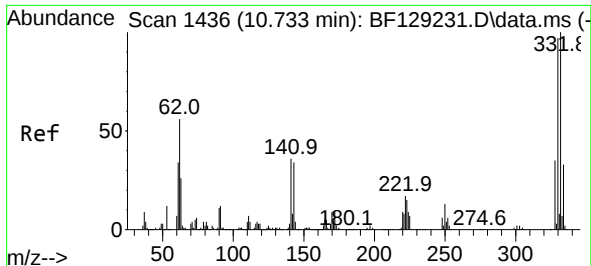
Tgt Ion: 82 Resp: 1857086
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 53.7 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Tgt Ion:164 Resp: 758991
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.059 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB146202TB

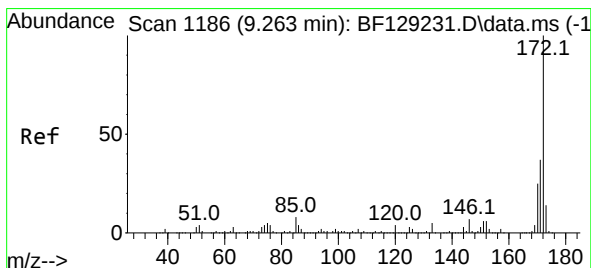
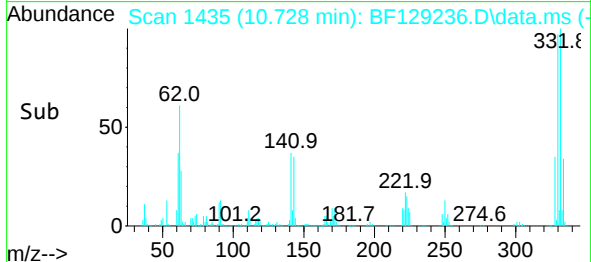
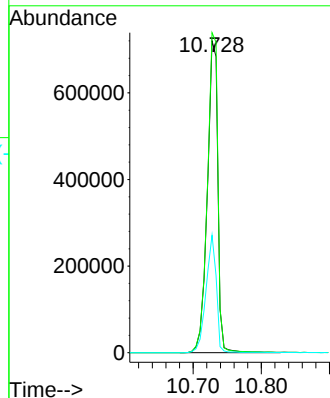
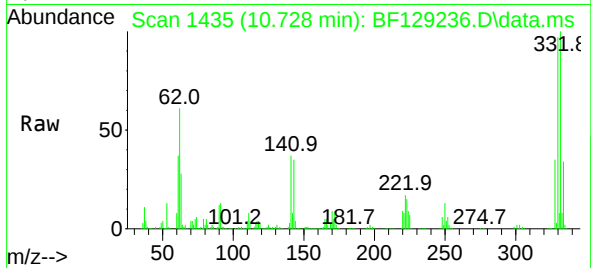
Tgt Ion:330 Resp: 775337

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 37.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.231 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

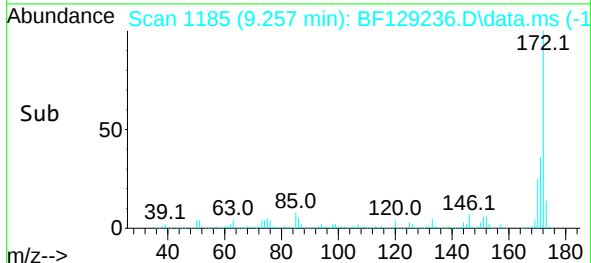
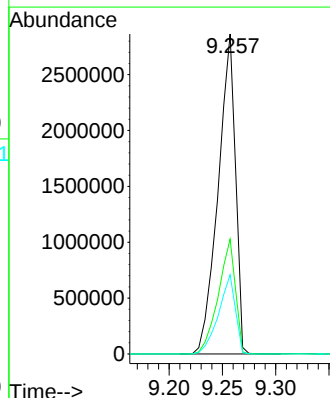
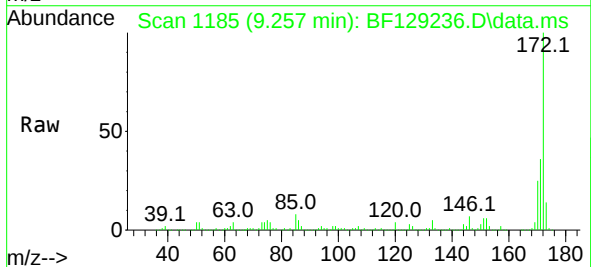
Tgt Ion:172 Resp: 3235886

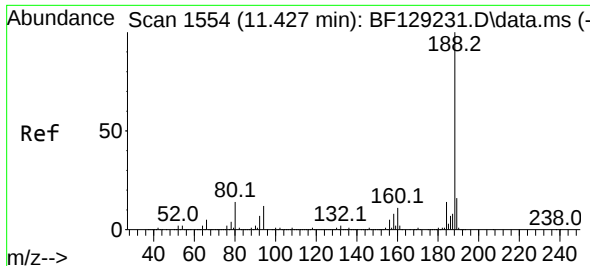
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.8 19.8 29.8

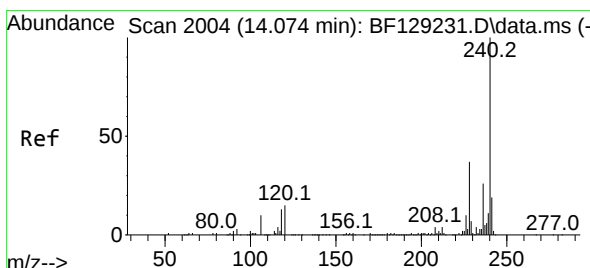
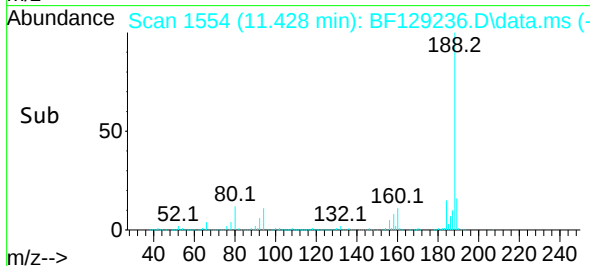
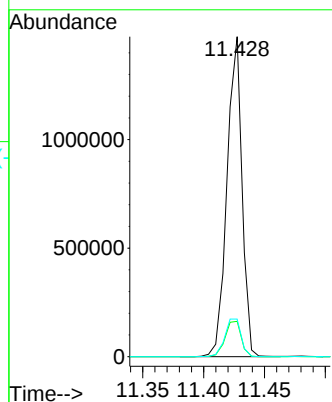
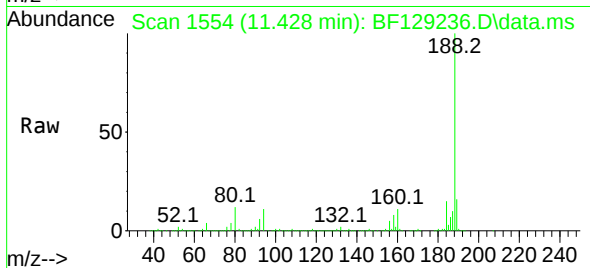




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

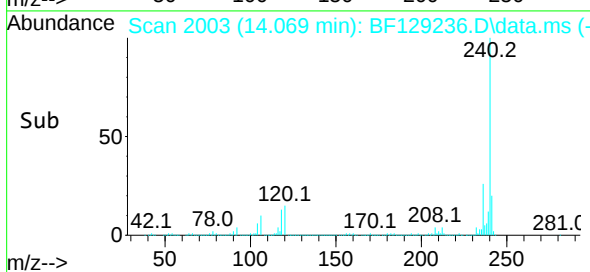
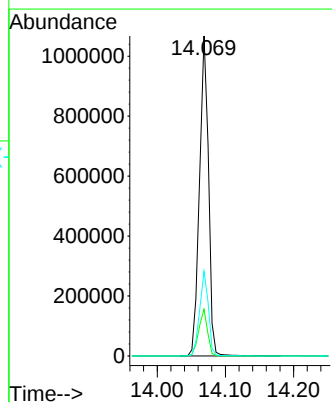
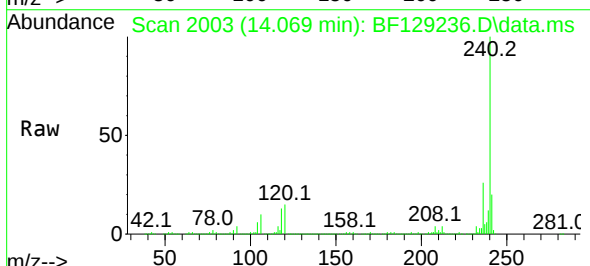
Instrument :
BNA_F
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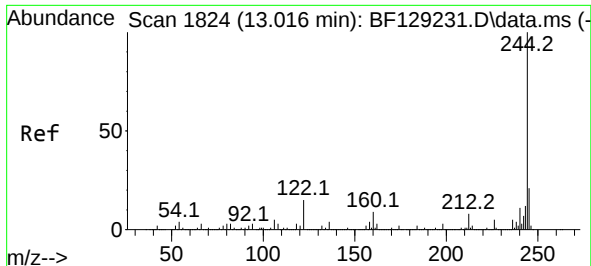
Tgt Ion:188 Resp: 1269919
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.7 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Tgt Ion:240 Resp: 978334
Ion Ratio Lower Upper
240 100
120 14.6 8.9 13.3#
236 26.5 20.8 31.2

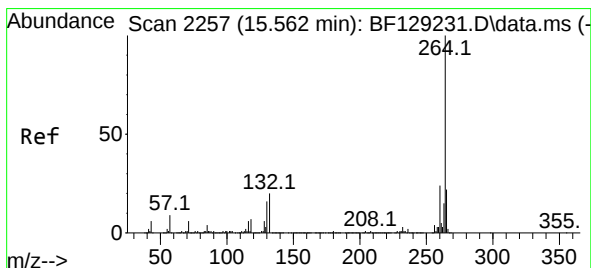
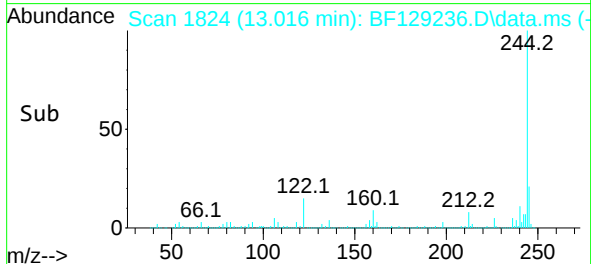
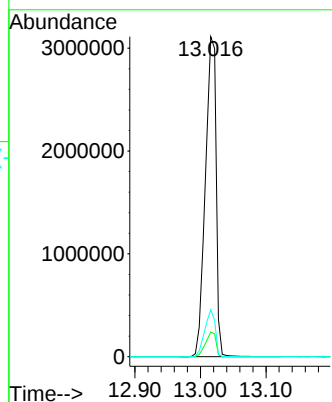
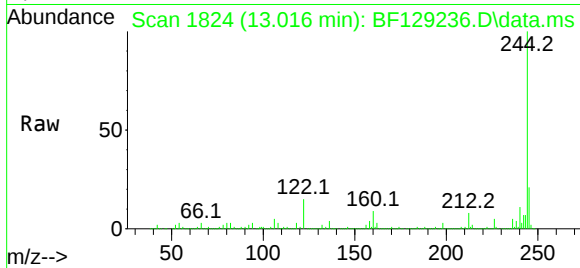




#79
 Terphenyl-d14
 Concen: 68.299 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF129236.D
 Acq: 15 Jul 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB146202TB

Tgt Ion:244 Resp: 3571892
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 14.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: BF129236.D
 Acq: 15 Jul 2022 14:00

Tgt Ion:264 Resp: 794559
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 21.6 17.2 25.8

