

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129749.D
 Acq On : 12 Aug 2022 17:47
 Operator : CG\JU
 Sample : N4148-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 391433-RBR024

Quant Time: Aug 13 02:05:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

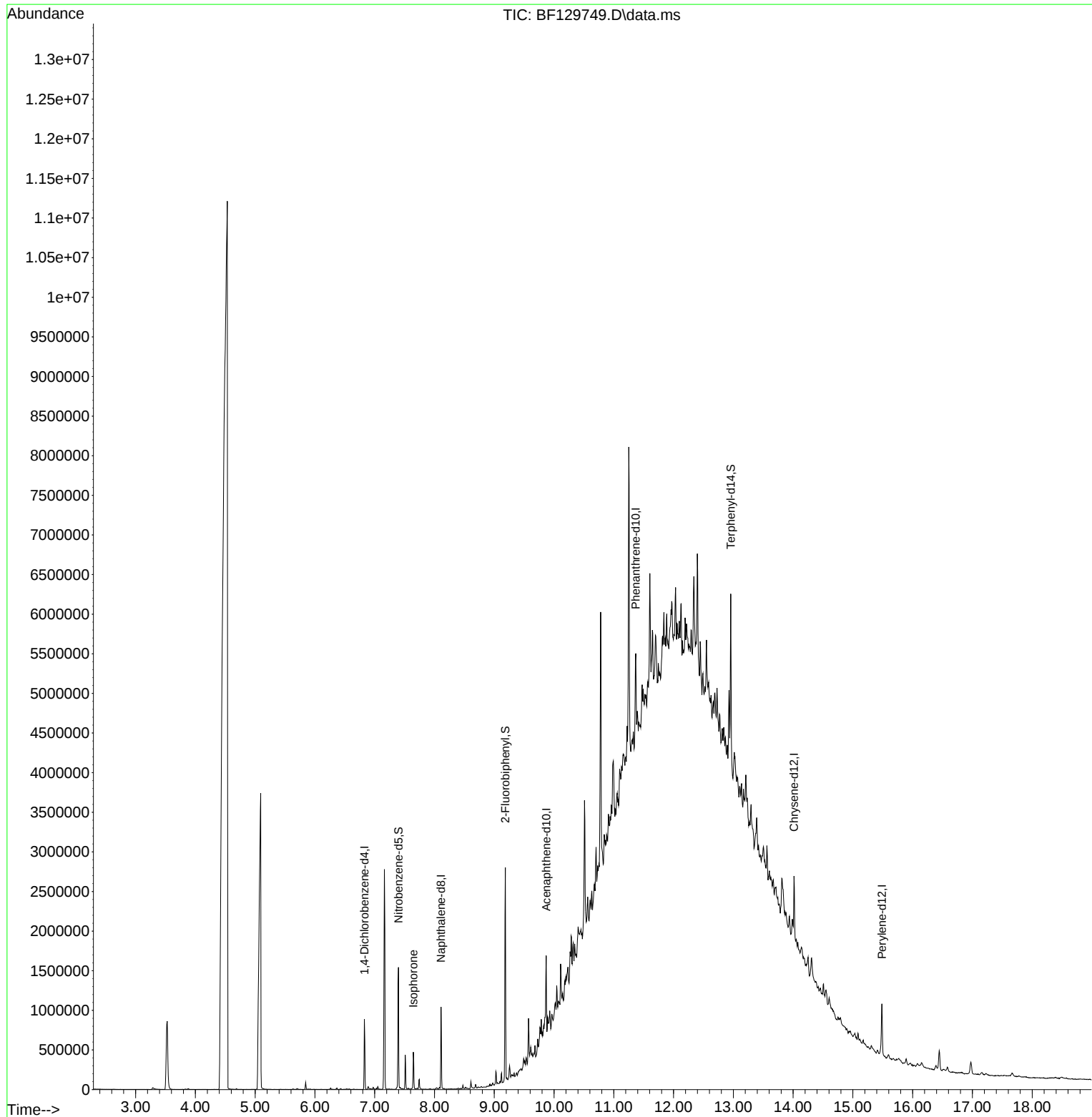
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	117436	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	417914	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	175362	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	226966	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	253481	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	283780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	459	0.064	ng	0.04
7) Phenol-d6	6.528	99	4068	0.449	ng	0.04
23) Nitrobenzene-d5	7.398	82	457153	59.714	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.186	172	756962	66.775	ng	0.00
79) Terphenyl-d14	12.957	244	693720	51.631	ng	0.01
Target Compounds						
25) Isophorone	7.645	82	170133	12.398	ng	Qvalue 98

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

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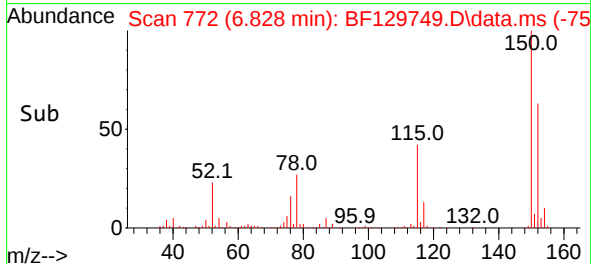
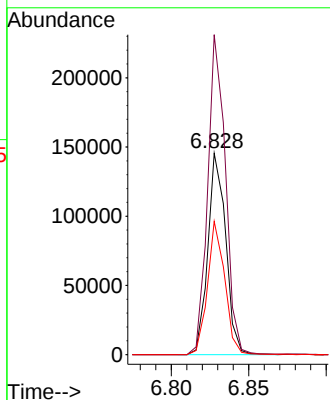
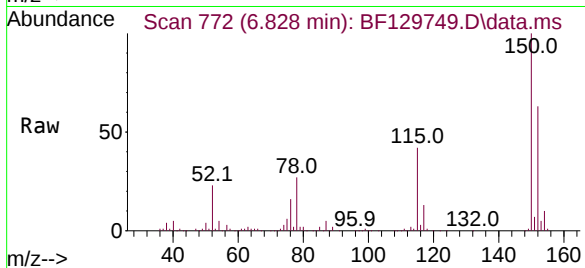




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

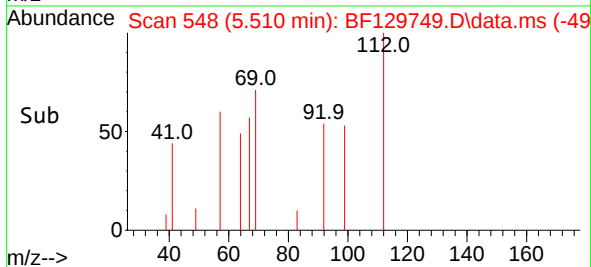
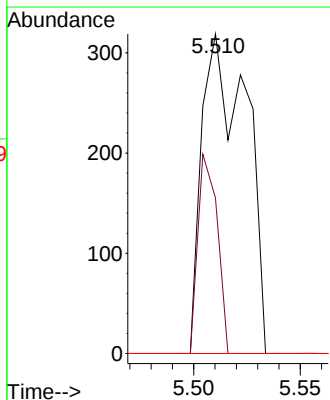
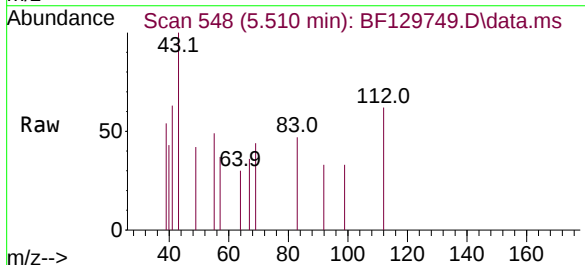
Instrument :
BNA_F
ClientSampleId :
391433-RBR024

Tgt Ion:152 Resp: 117436
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 66.1 49.9 74.9



#5
2-Fluorophenol
Concen: 0.064 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.041 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

Tgt Ion:112 Resp: 459
Ion Ratio Lower Upper
112 100
64 48.6 53.3 79.9#
63 0.0 28.0 42.0#

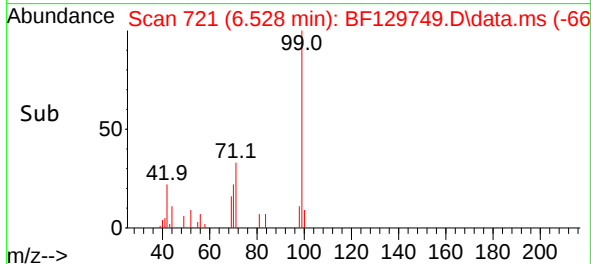
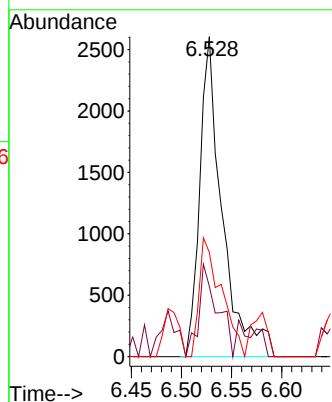
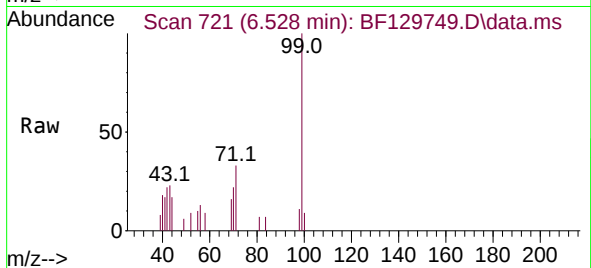




#7
Phenol-d6
Concen: 0.449 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.035 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

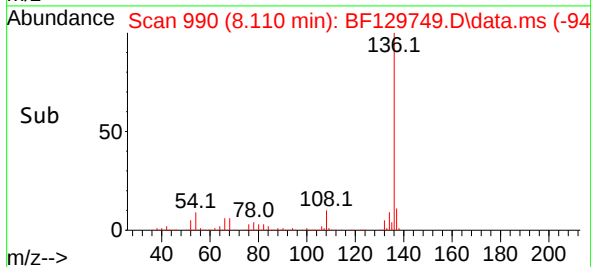
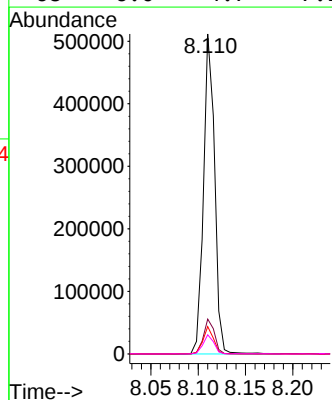
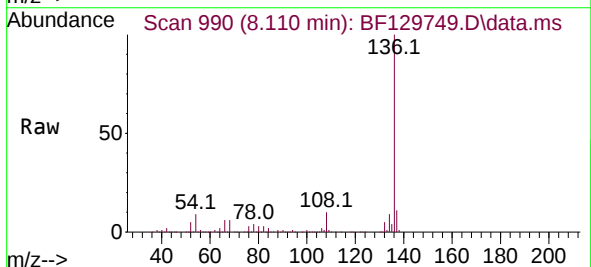
Instrument :
BNA_F
ClientSampleId :
391433-RBR024

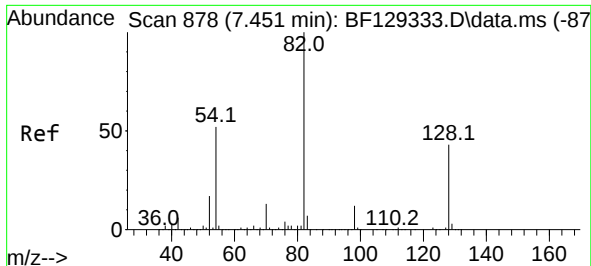
Tgt Ion:	99	Resp:	4068
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.3	25.9
71	32.6	28.9	43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

Tgt Ion:	136	Resp:	417914
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	7.5	11.3
68	6.0	4.7	7.1

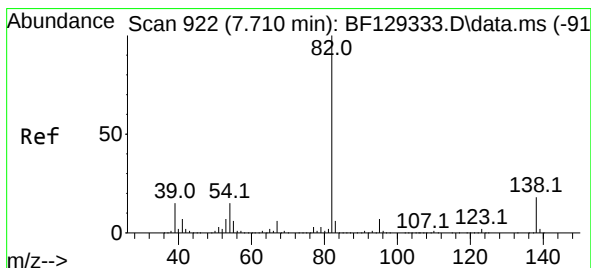
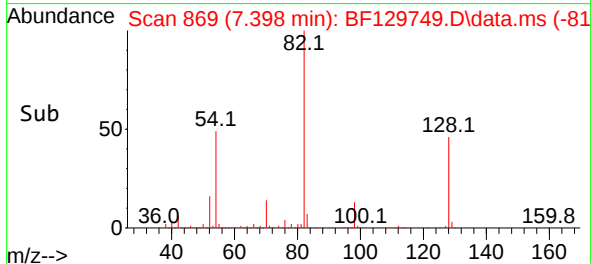
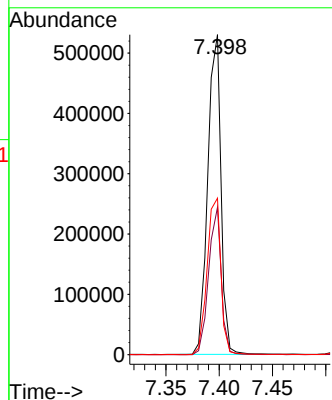
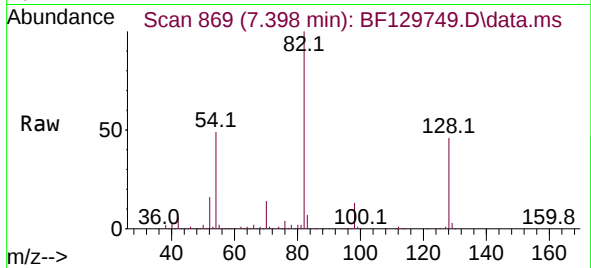




#23
Nitrobenzene-d5
Concen: 59.714 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

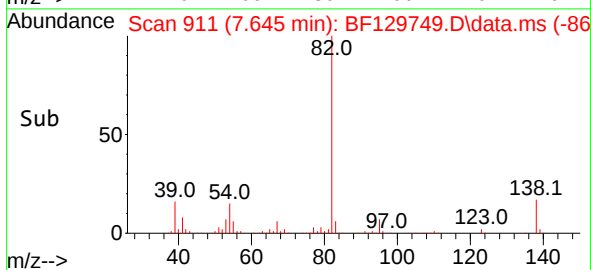
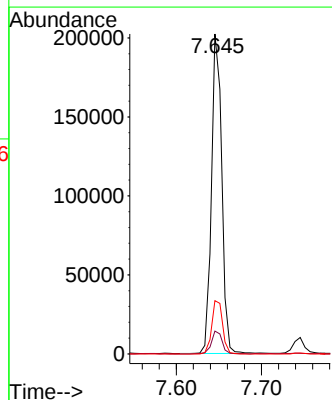
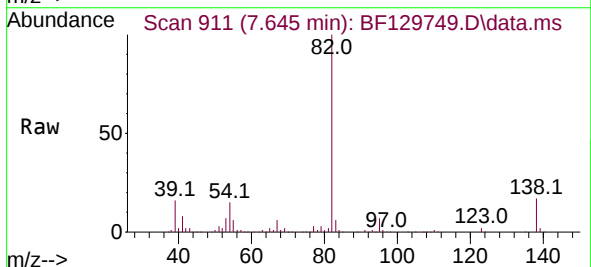
Instrument :
BNA_F
ClientSampleId :
391433-RBR024

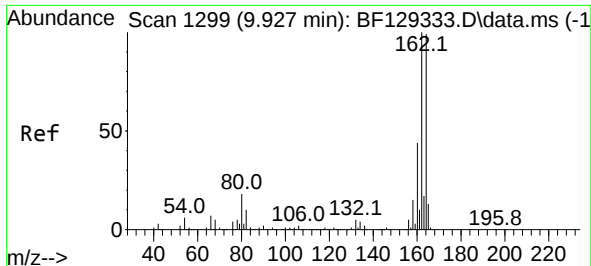
Tgt Ion: 82 Resp: 457153
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 48.9 46.9 70.3



#25
Isophorone
Concen: 12.398 ng
RT: 7.645 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

Tgt Ion: 82 Resp: 170133
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.6 14.2 21.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF129749.D

Acq: 12 Aug 2022 17:47

Instrument :

BNA_F

ClientSampleId :

391433-RBR024

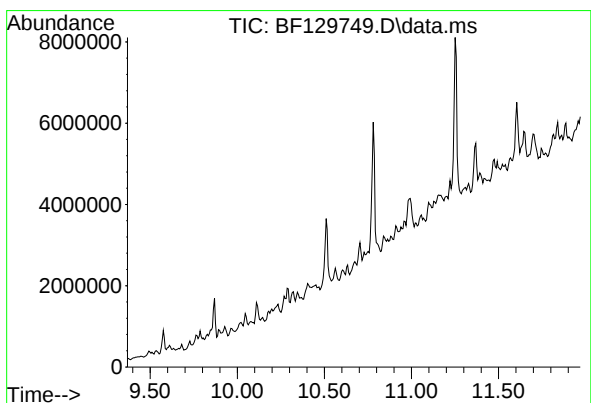
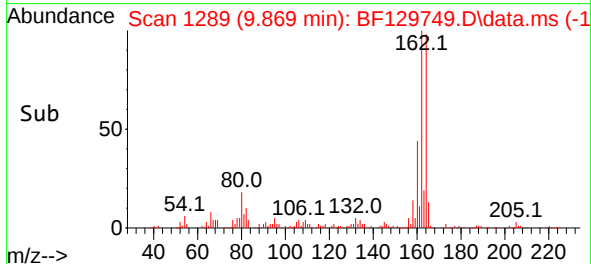
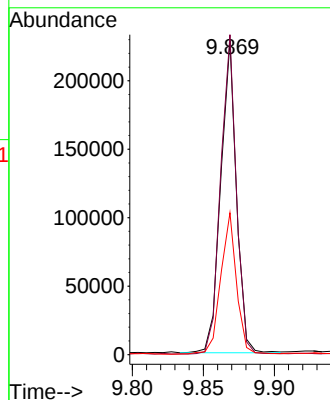
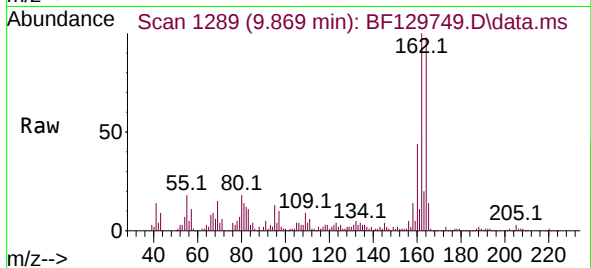
Tgt Ion:164 Resp: 175362

Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 45.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF129749.D

Acq: 12 Aug 2022 17:47

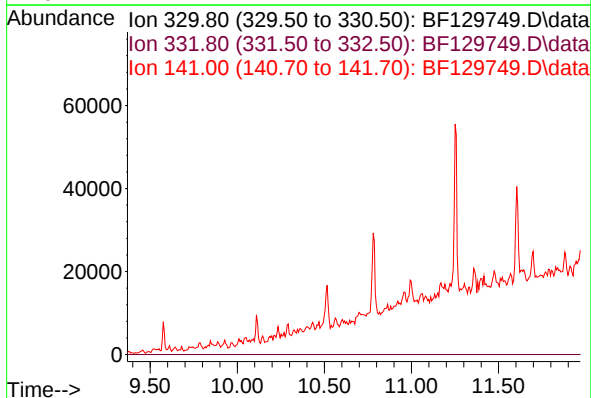
Tgt Ion: 330

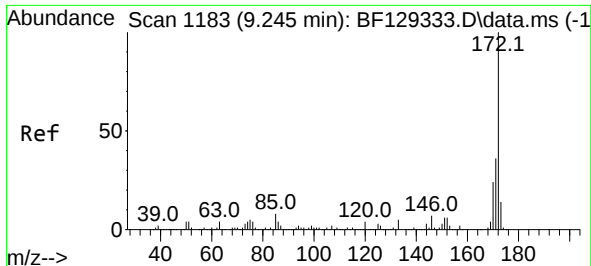
Sig Exp Ratio

330 100

332 96.0

141 35.0

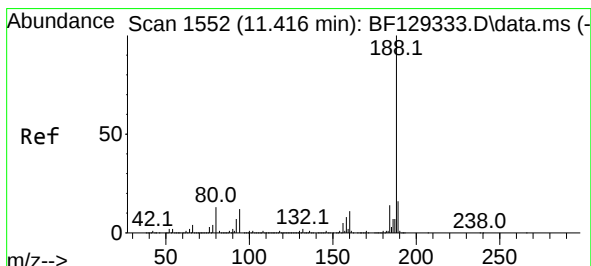
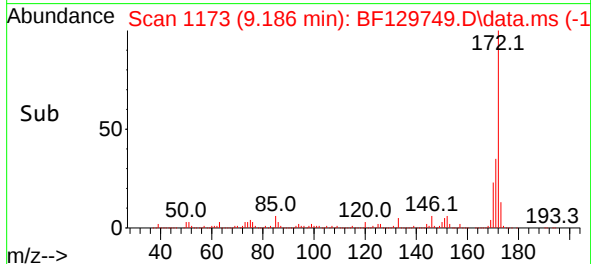
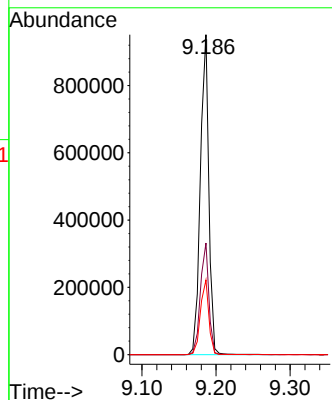
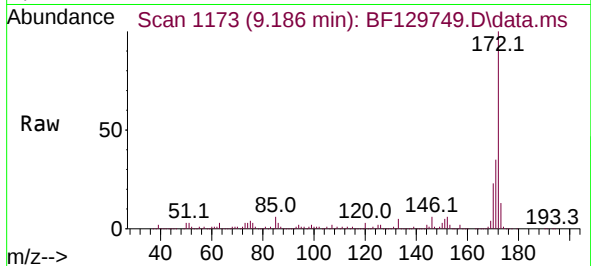




#45
2-Fluorobiphenyl
Concen: 66.775 ng
RT: 9.186 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

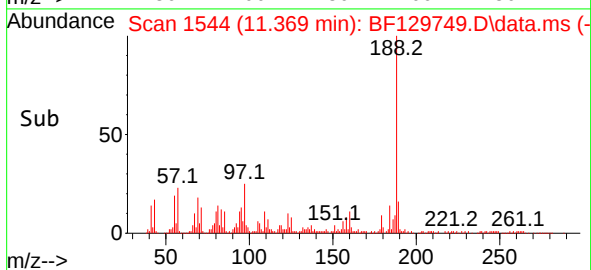
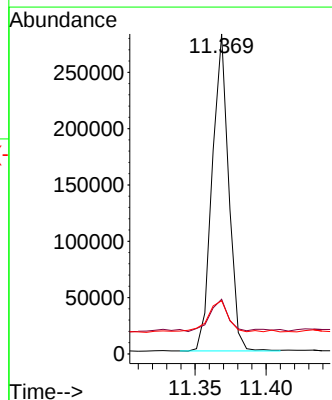
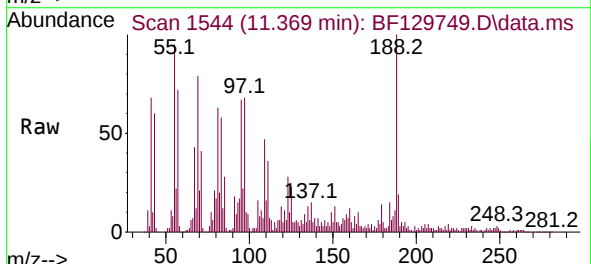
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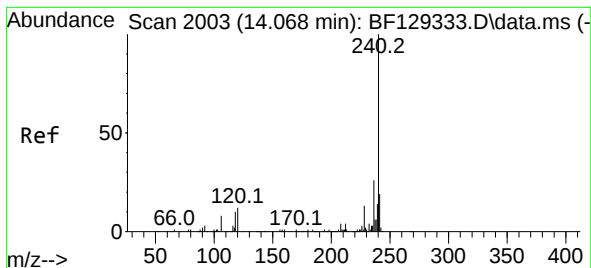
Tgt Ion:172 Resp: 756962
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.3 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. 0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

Tgt Ion:188 Resp: 226966
Ion Ratio Lower Upper
188 100
94 17.1 7.0 10.6#
80 16.6 7.6 11.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 1994

Delta R.T. 0.006 min

Lab File: BF129749.D

Acq: 12 Aug 2022 17:47

Instrument :

BNA_F

ClientSampleId :

391433-RBR024

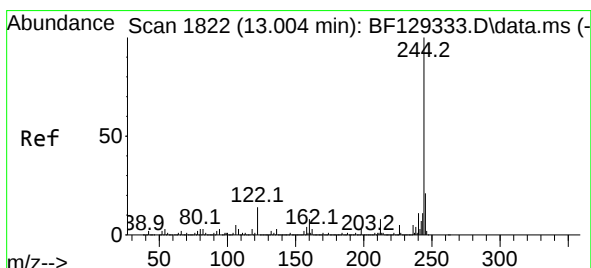
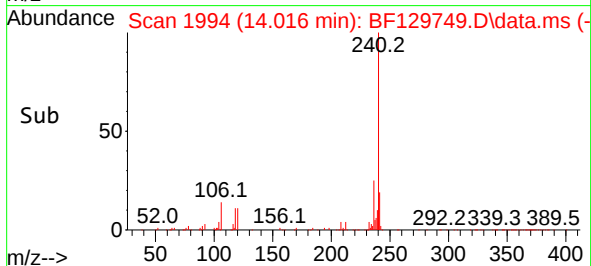
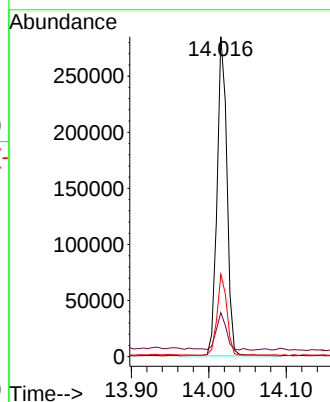
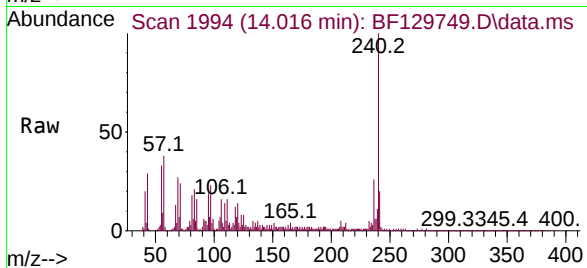
Tgt Ion:240 Resp: 253481

Ion Ratio Lower Upper

240 100

120 13.7 8.9 13.3#

236 25.7 20.8 31.2



#79

Terphenyl-d14

Concen: 51.631 ng

RT: 12.957 min Scan# 1814

Delta R.T. 0.012 min

Lab File: BF129749.D

Acq: 12 Aug 2022 17:47

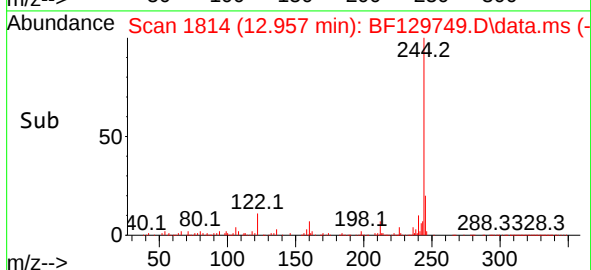
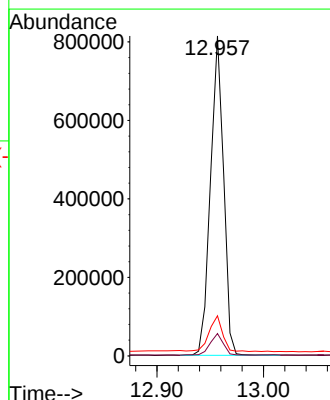
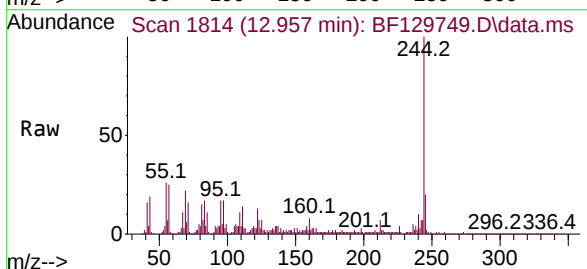
Tgt Ion:244 Resp: 693720

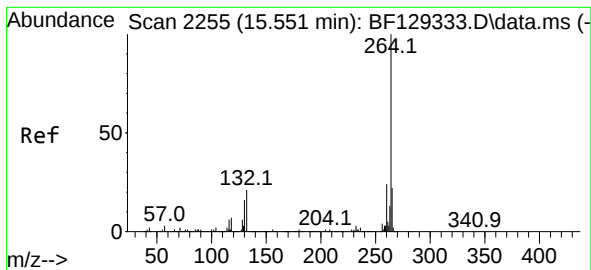
Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 12.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129749.D
 Acq: 12 Aug 2022 17:47

Instrument :
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Tgt Ion:264 Resp: 283780
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.8 17.2 25.8

