

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)

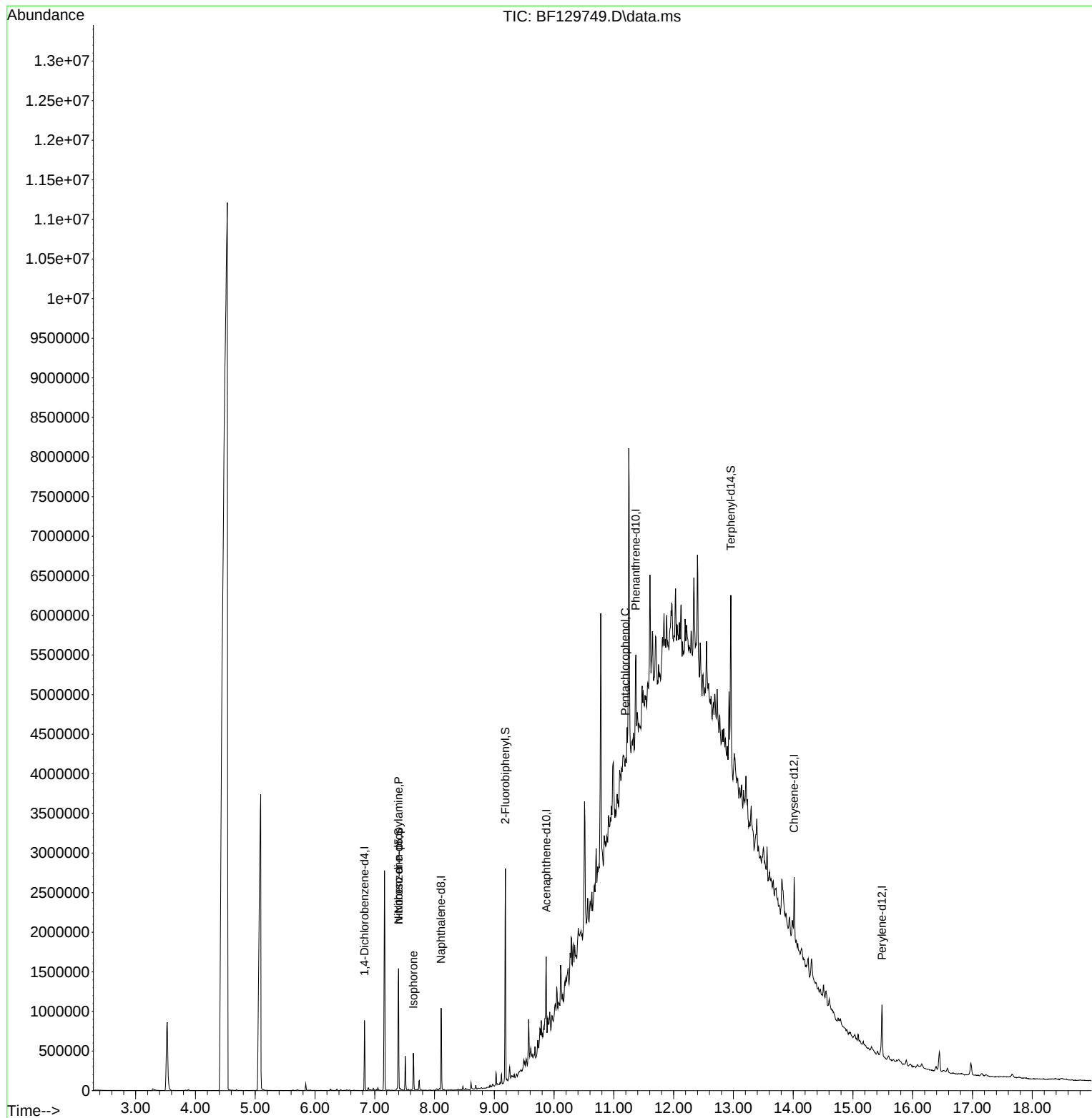
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	117436	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	417914	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	175362	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	226966	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	253481	20.000	ng	# 0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.398	70	60783	11.080	ng	# 70
25) Isophorone	7.645	82	170133	12.398	ng	98
70) Pentachlorophenol	11.192	266	3275	2.237	ng	# 26

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

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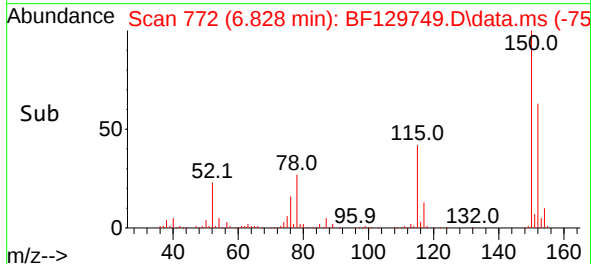
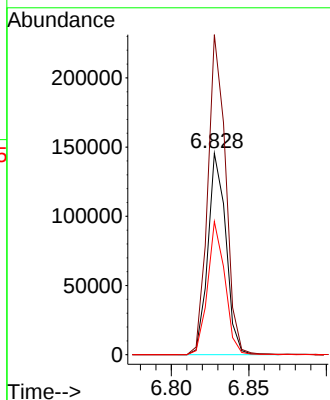
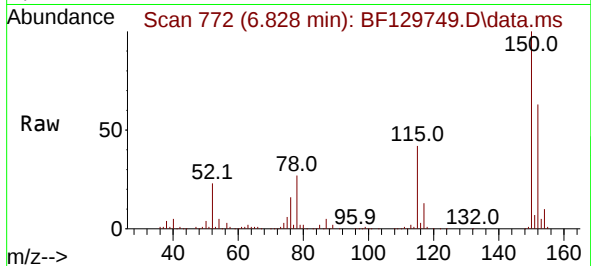




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129749.D
 Acq: 12 Aug 2022 17:47

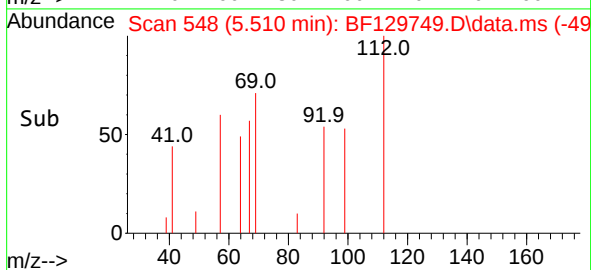
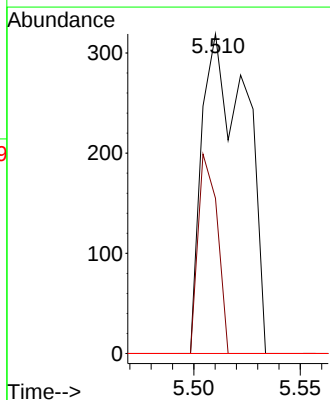
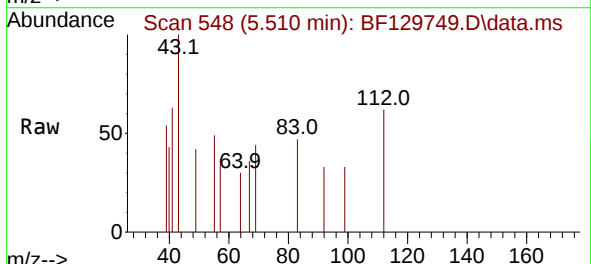
Instrument :
 BNA_F
 ClientSampleId :
 391433-RBR024

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#

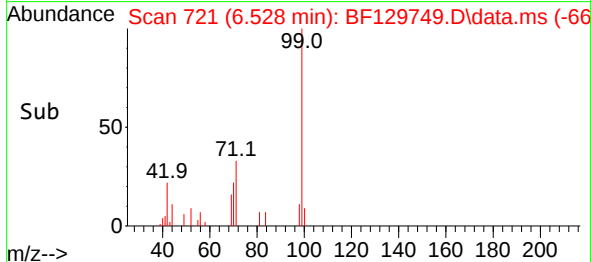
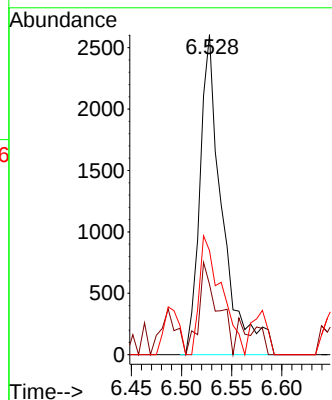
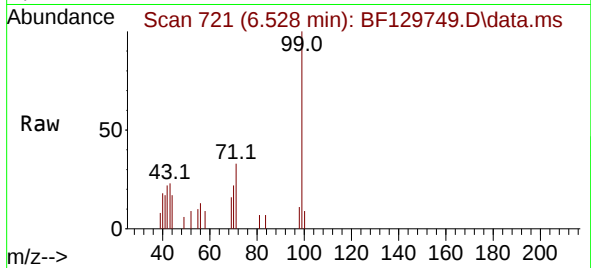




#7
Phenol-d6
Concen: 0.449 ng
RT: 6.528 min Scan# 719
Delta R.T. 0.035 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

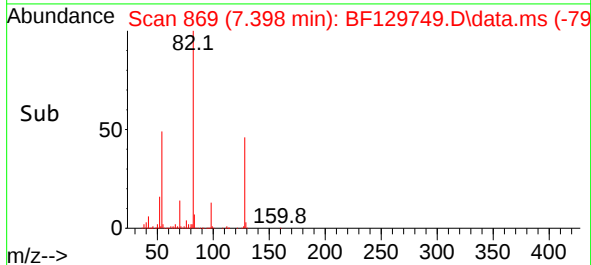
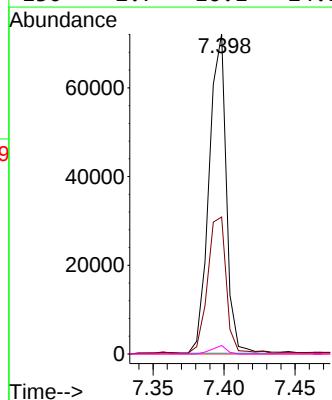
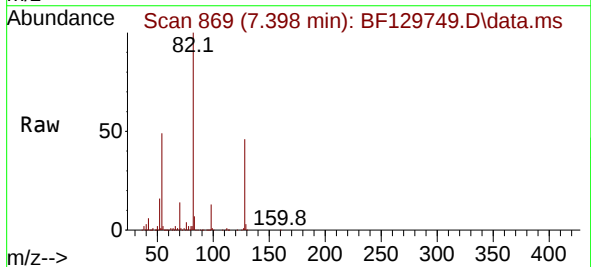
Instrument :
BNA_F
ClientSampleId :
391433-RBR024

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



#19
n-Nitroso-di-n-propylamine
Concen: 11.080 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.147 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

Tgt Ion: 70 Resp: 60783
Ion Ratio Lower Upper
70 100
42 42.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.7 16.1 24.1#



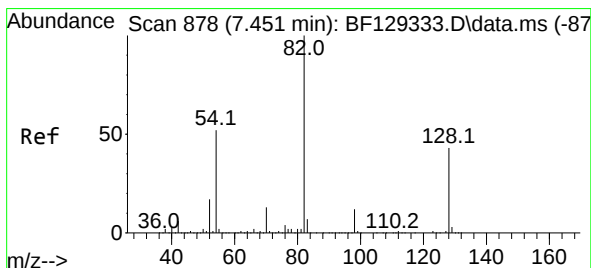
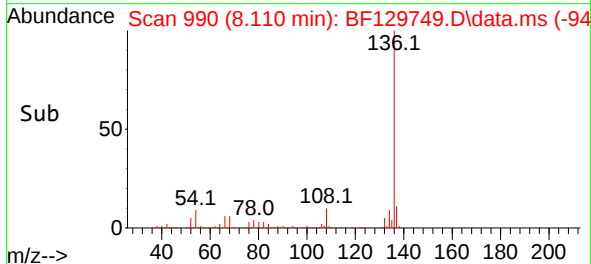
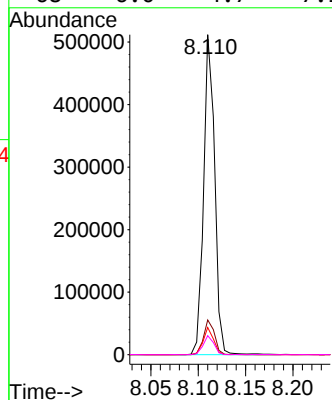
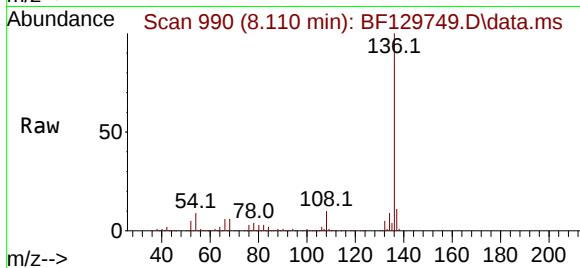


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

Instrument :
BNA_F
ClientSampleId :
391433-RBR024

Tgt Ion:136 Resp: 417914

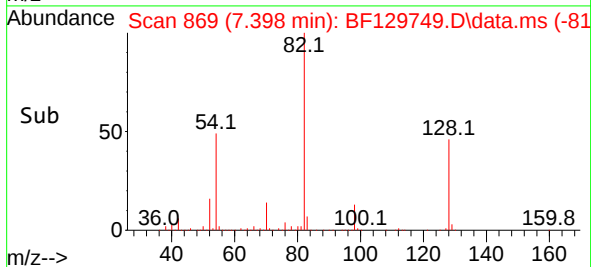
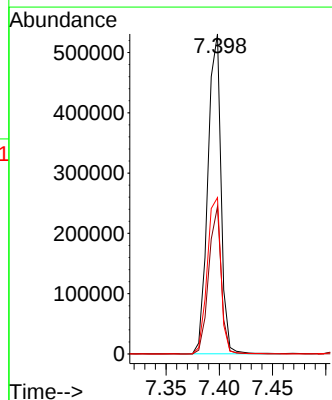
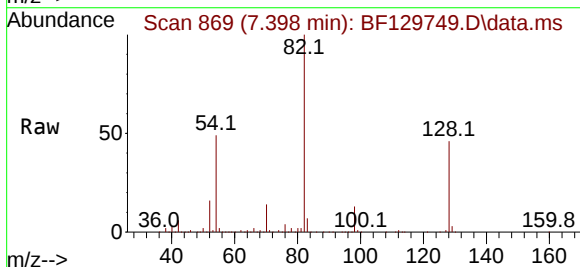
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.5	7.5	11.3
68	6.0	4.7	7.1

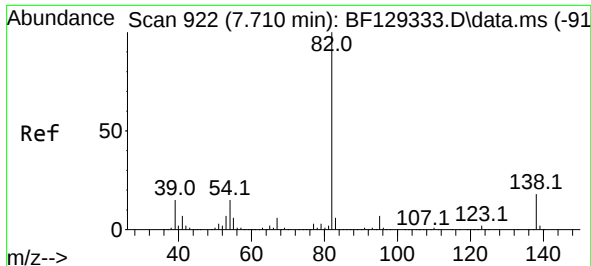


#23
Nitrobenzene-d5
Concen: 59.714 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

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

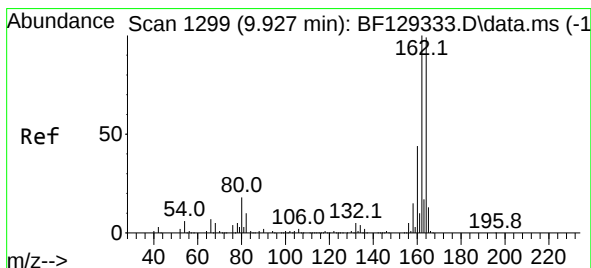
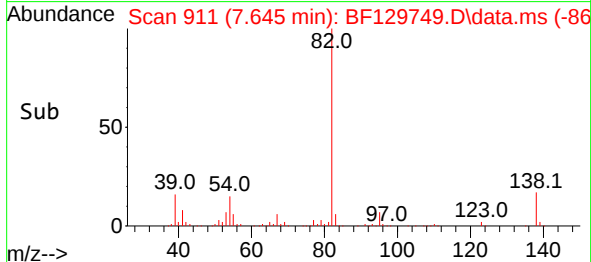
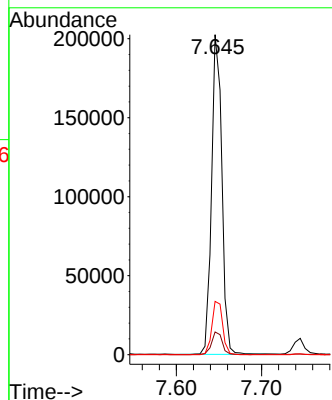
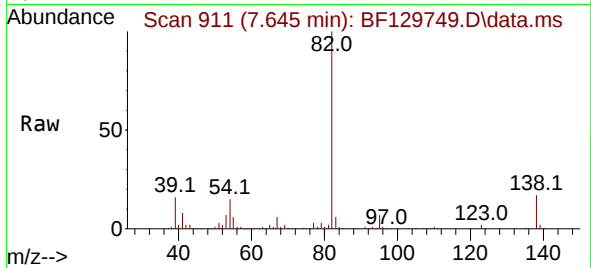




#25
Isophorone
Concen: 12.398 ng
RT: 7.645 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

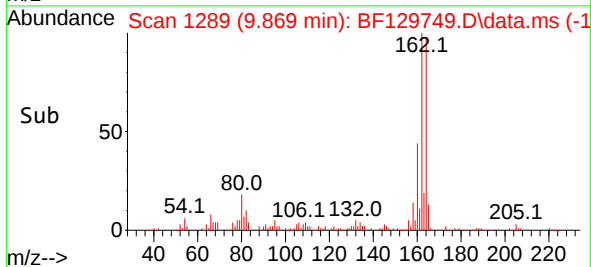
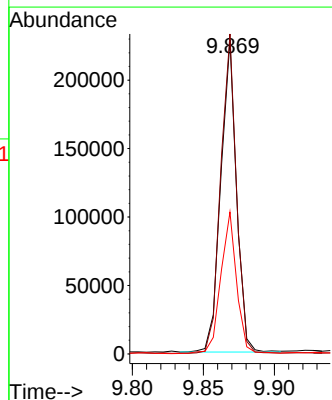
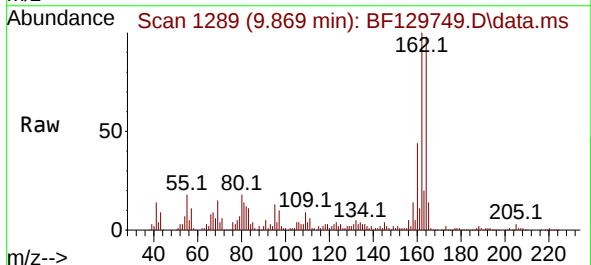
Instrument :
BNA_F
ClientSampleId :
391433-RBR024

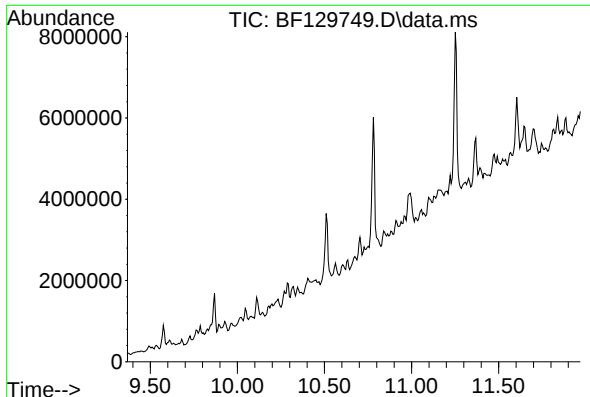
Tgt Ion: 82 Resp: 170133
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.6 14.2 21.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

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

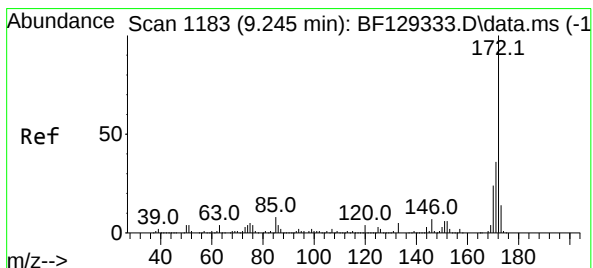
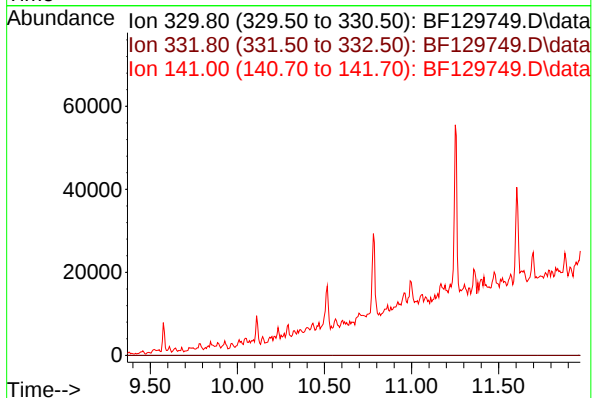




#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.67 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

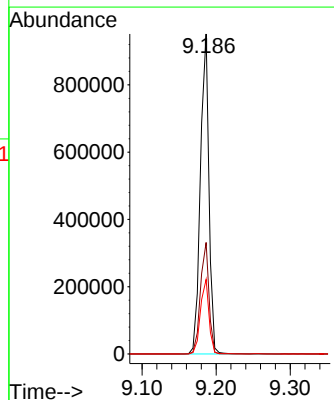
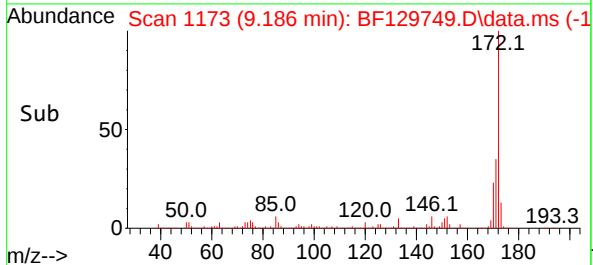
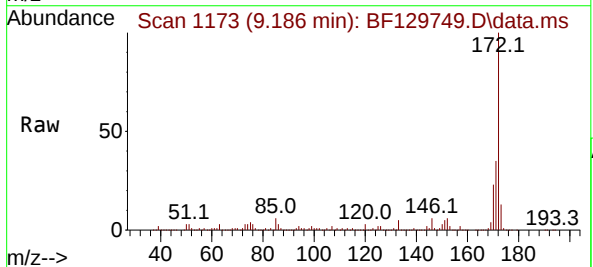
Instrument :
BNA_F
ClientSampleId :
391433-RBR024

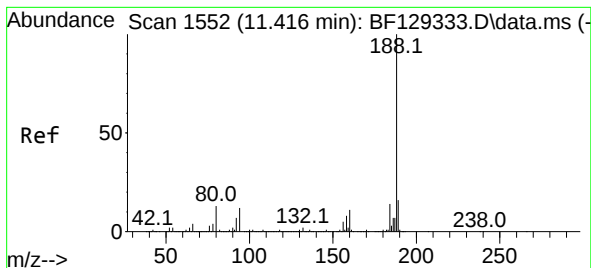
Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.0
141 35.0



#45
2-Fluorobiphenyl
Concen: 66.775 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

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# 1

Delta R.T. 0.006 min

Lab File: BF129749.D

Acq: 12 Aug 2022 17:47

Instrument :

BNA_F

ClientSampleId :

391433-RBR024

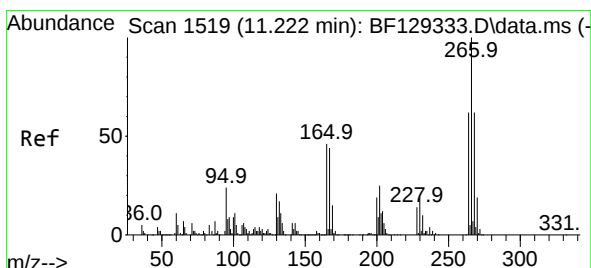
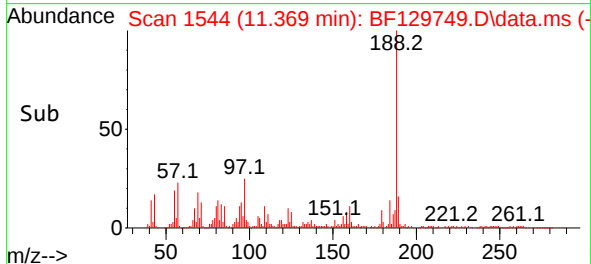
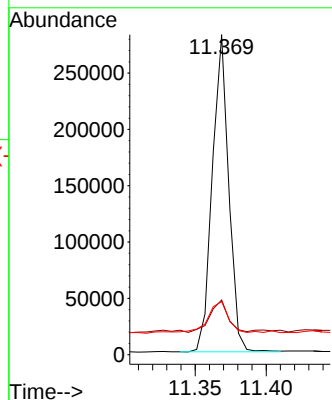
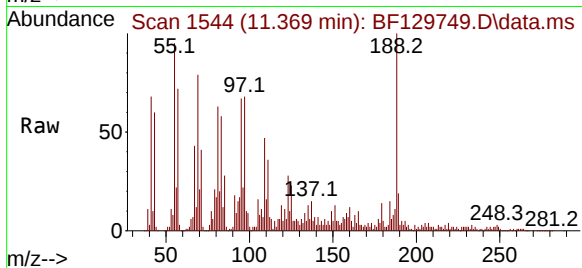
Tgt Ion:188 Resp: 226966

Ion Ratio Lower Upper

188 100

94 17.1 7.0 10.6#

80 16.6 7.6 11.4#



#70

Pentachlorophenol

Concen: 2.237 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.018 min

Lab File: BF129749.D

Acq: 12 Aug 2022 17:47

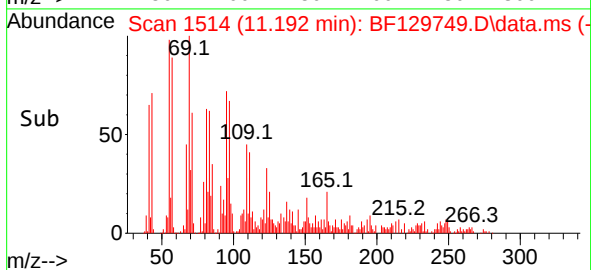
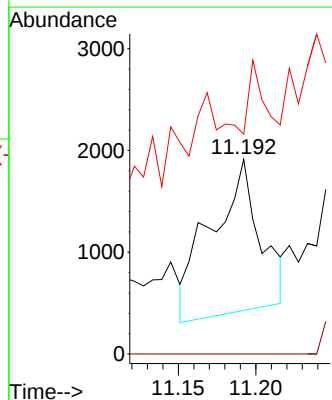
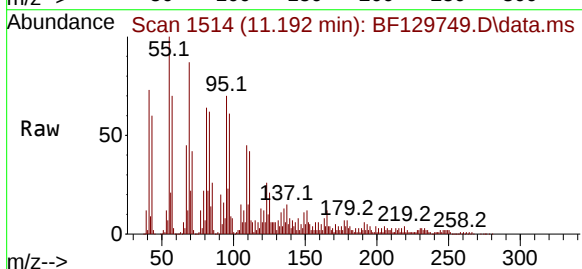
Tgt Ion:266 Resp: 3275

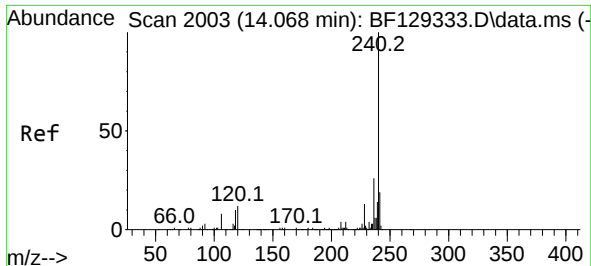
Ion Ratio Lower Upper

266 100

268 0.0 51.0 76.4#

264 112.9 49.4 74.2#

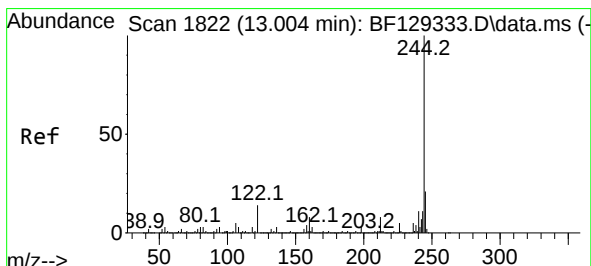
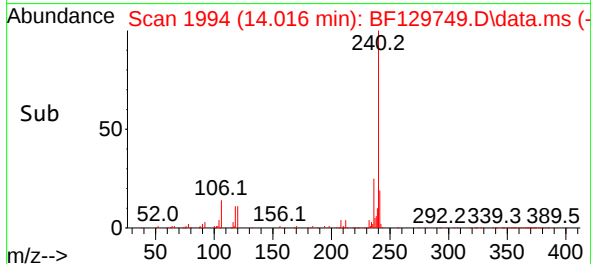
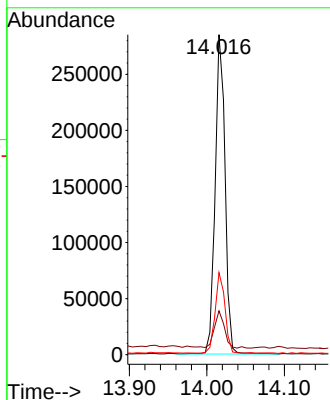
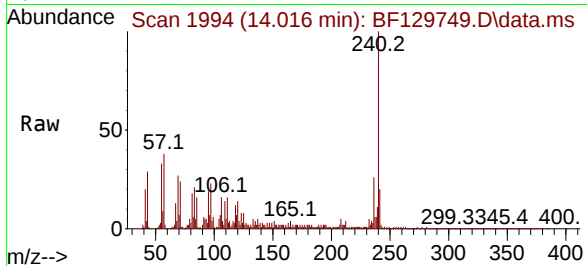




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF129749.D
Acq: 12 Aug 2022 17:47

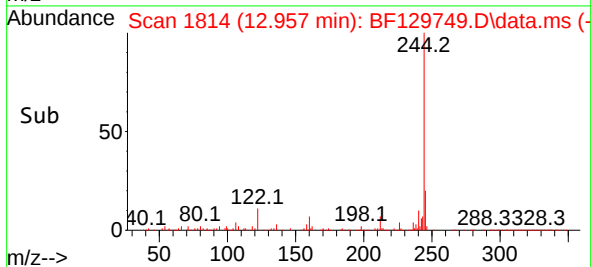
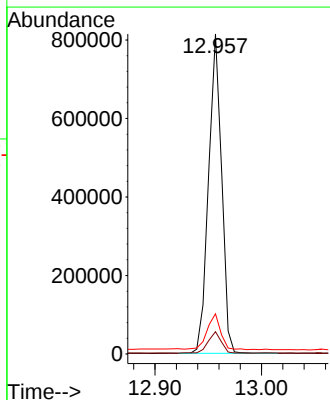
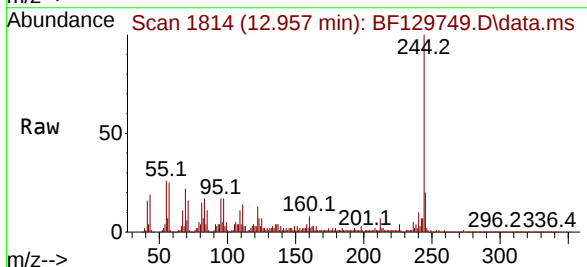
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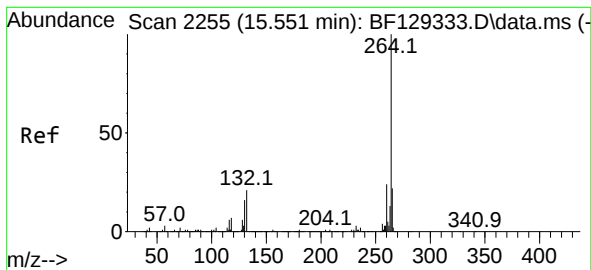
Tgt Ion:240 Resp: 253481
Ion Ratio Lower Upper
240 100
120 13.7 8.9 13.3#
236 25.7 20.8 31.2



#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 :
 BNA_F
 ClientSampleId :
 391433-RBR024

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

