

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF129001.D
 Acq On : 24 Jun 2022 20:57
 Operator : CG\JU
 Sample : N3477-03 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-062322

Quant Time: Jun 25 06:16:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

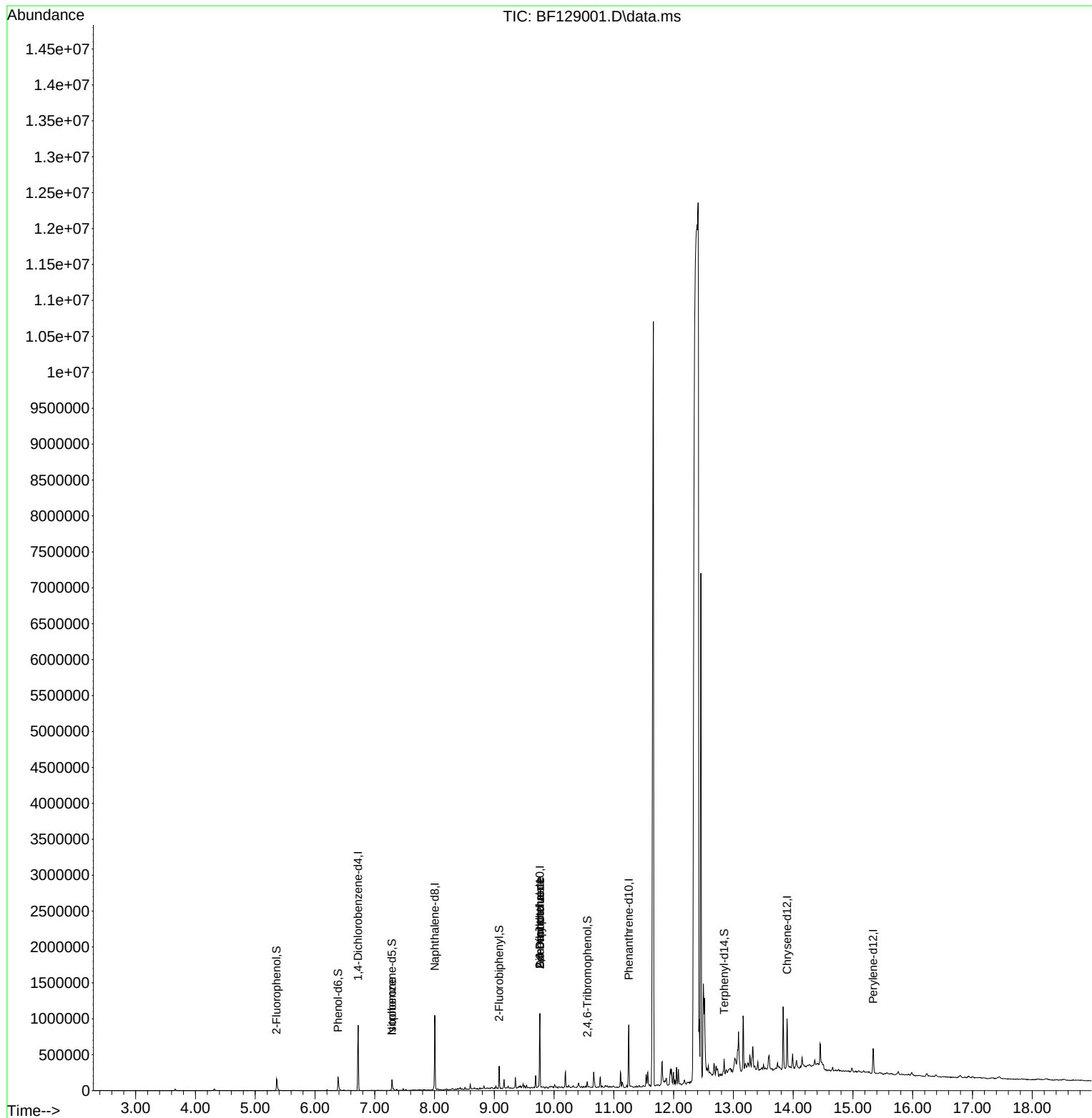
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	116802	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	415438	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	192426	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	301093	20.000	ng	0.00
76) Chrysene-d12	13.898	240	246533	20.000	ng	# 0.00
86) Perylene-d12	15.339	264	132991	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	49712	6.779	ng	0.00
7) Phenol-d6	6.387	99	62488	6.981	ng	0.00
23) Nitrobenzene-d5	7.286	82	40227	4.508	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	10159	4.468	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	77984	5.677	ng	-0.01
79) Terphenyl-d14	12.845	244	66179	4.664	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.286	82	40227	2.968	ng	# 65
50) Dimethylphthalate	9.763	163	34997	2.657	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	26935	10.361	ng	# 26
57) 2,4-Dinitrotoluene	9.763	165	26935	7.764	ng	# 21

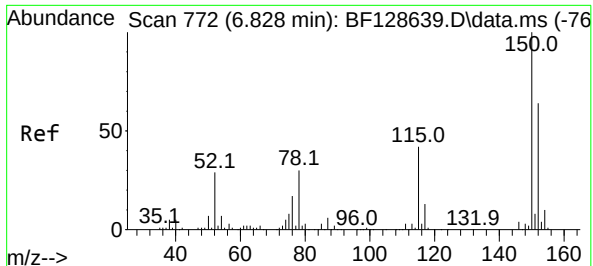
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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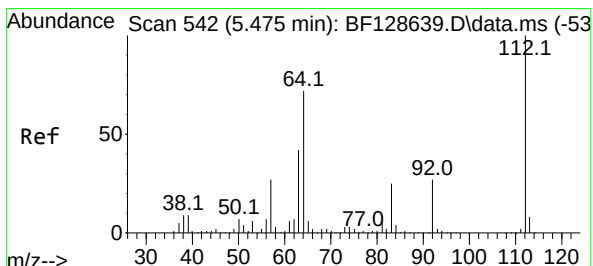
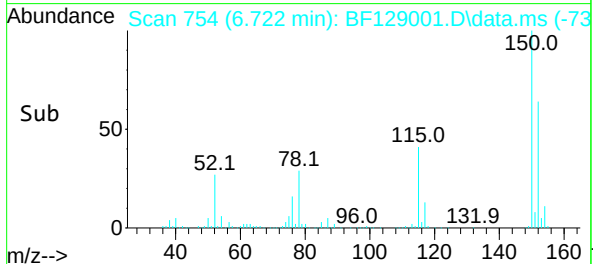
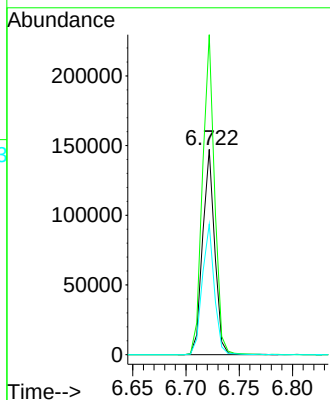
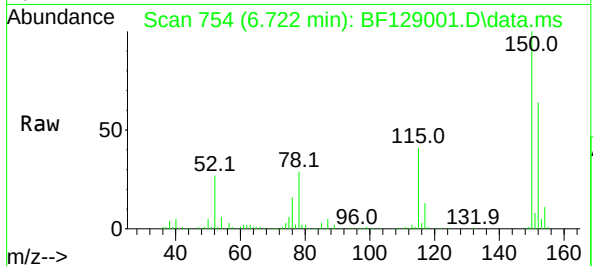




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

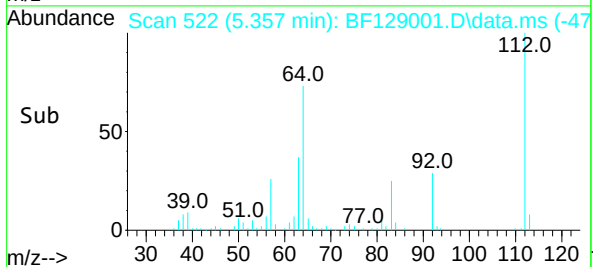
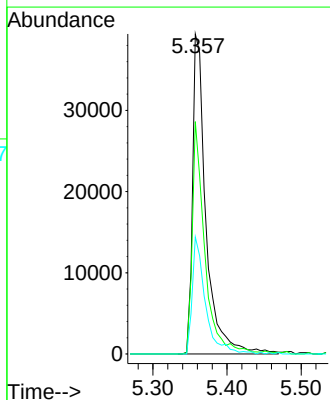
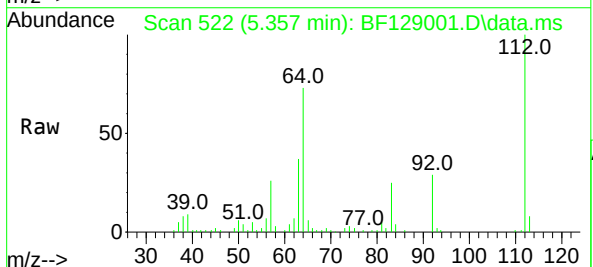
Instrument :
BNA_F
ClientSampleId :
HR-04-062322

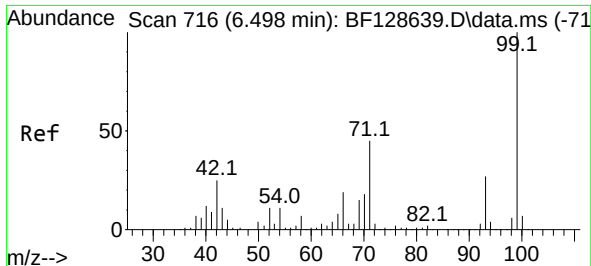
Tgt Ion:152 Resp: 116802
Ion Ratio Lower Upper
152 100
150 155.9 123.7 185.5
115 63.6 49.9 74.9



#5
2-Fluorophenol
Concen: 6.779 ng
RT: 5.357 min Scan# 522
Delta R.T. -0.000 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

Tgt Ion:112 Resp: 49712
Ion Ratio Lower Upper
112 100
64 72.6 53.3 79.9
63 36.5 28.0 42.0

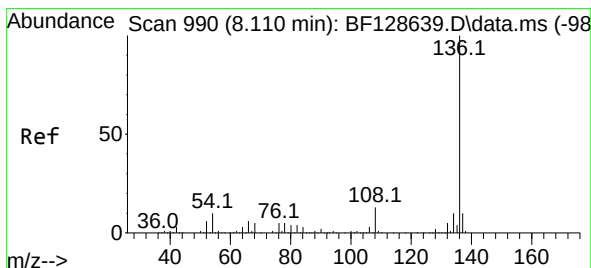
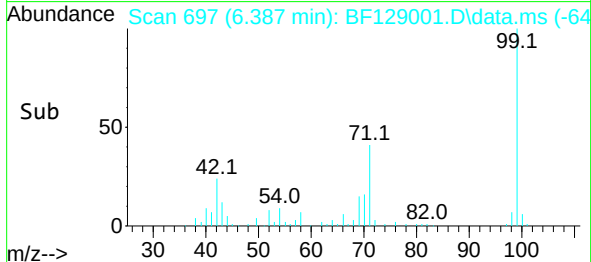
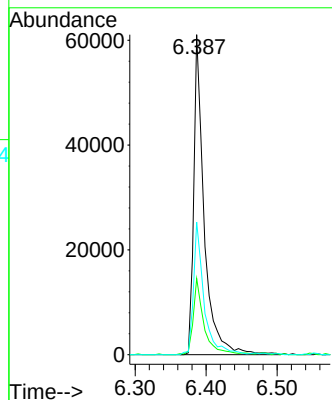
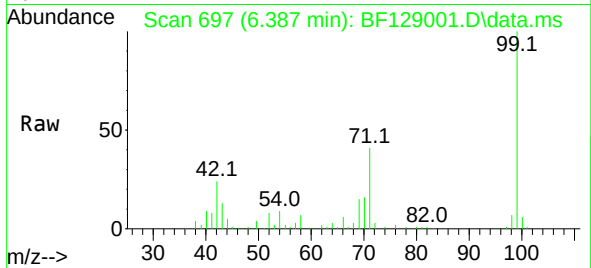




#7
Phenol-d6
Concen: 6.981 ng
RT: 6.387 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

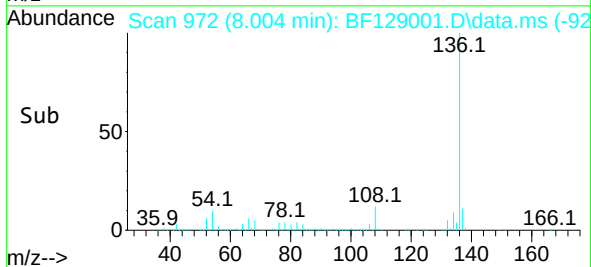
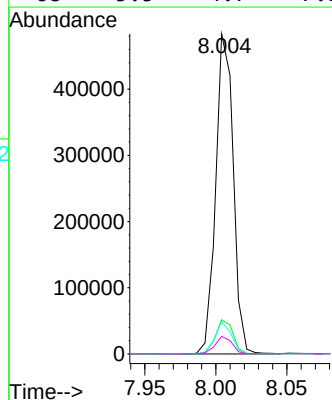
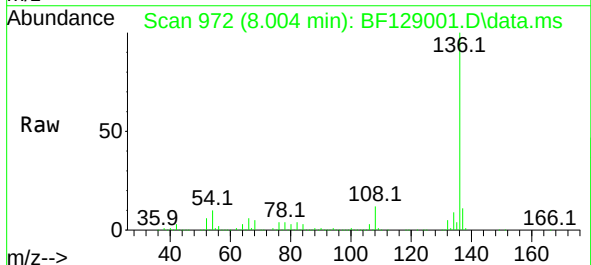
Instrument :
BNA_F
ClientSampleId :
HR-04-062322

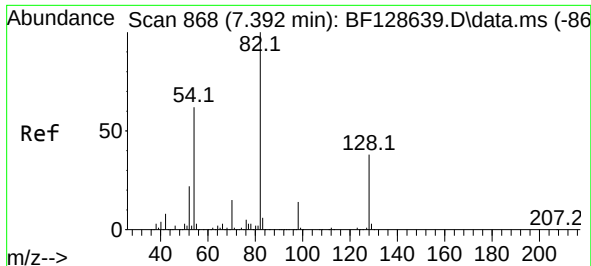
Tgt Ion: 99 Resp: 62488
Ion Ratio Lower Upper
99 100
42 23.8 17.3 25.9
71 41.5 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

Tgt Ion: 136 Resp: 415438
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.1 7.5 11.3
68 5.5 4.7 7.1

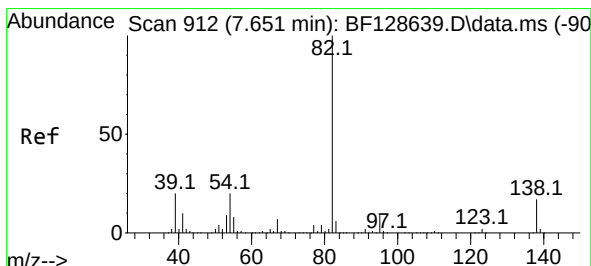
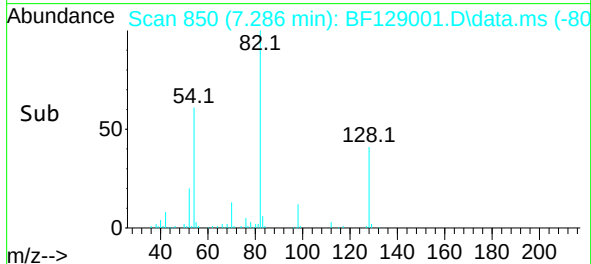
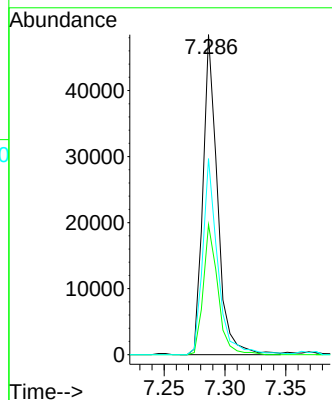
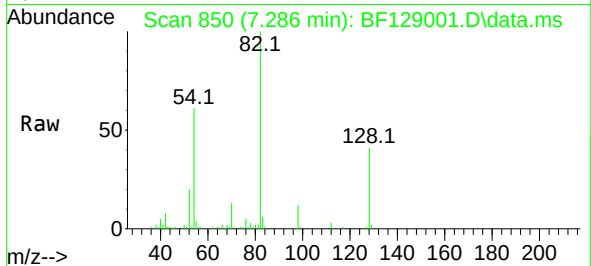




#23
Nitrobenzene-d5
Concen: 4.508 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

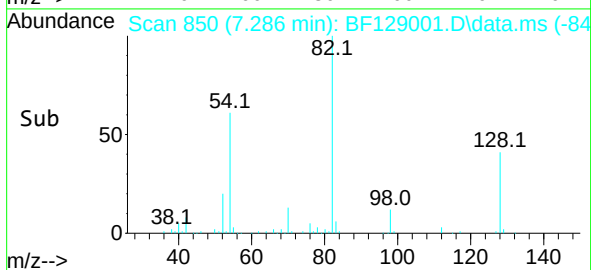
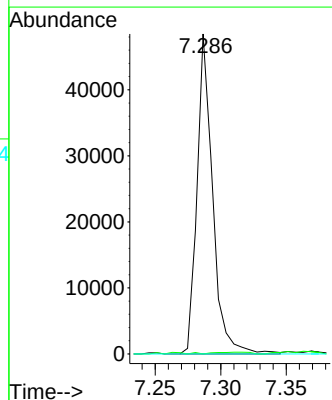
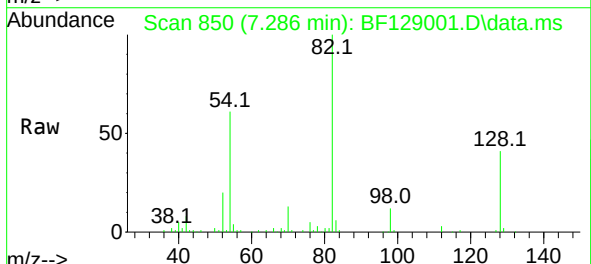
Instrument :
BNA_F
ClientSampleId :
HR-04-062322

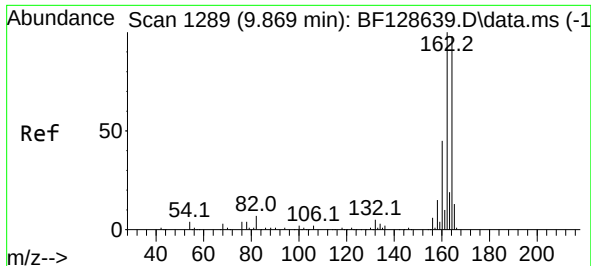
Tgt Ion: 82 Resp: 40227
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 61.3 46.9 70.3



#25
Isophorone
Concen: 2.968 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.277 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

Tgt Ion: 82 Resp: 40227
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

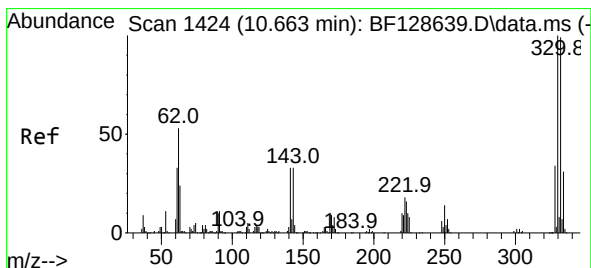
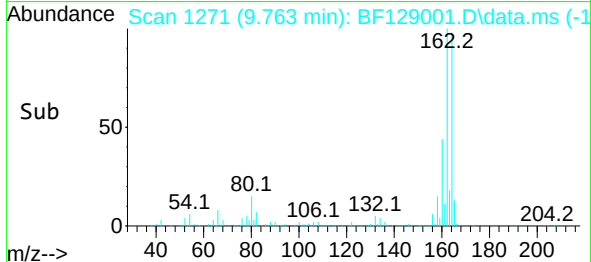
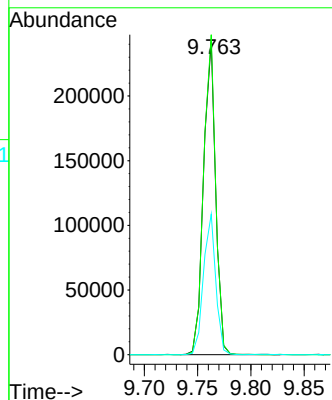
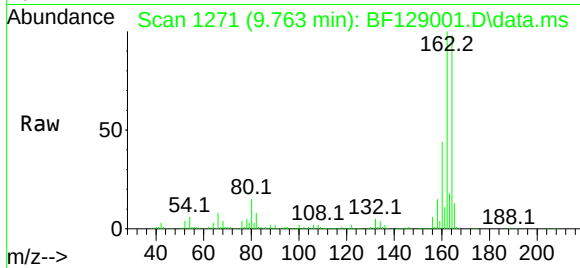




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

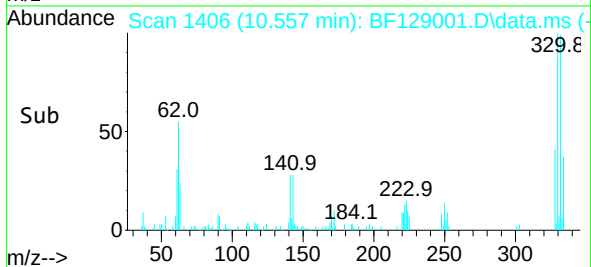
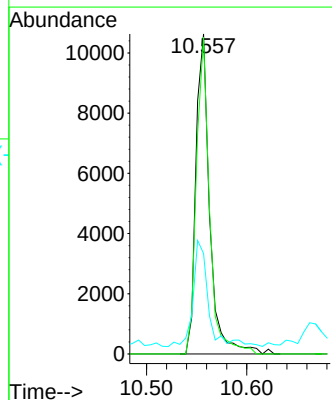
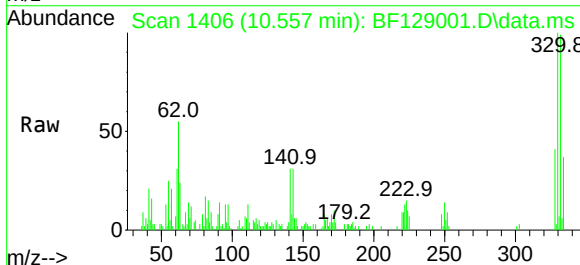
Instrument :
BNA_F
ClientSampleId :
HR-04-062322

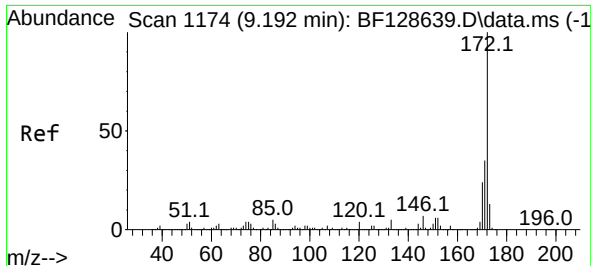
Tgt Ion:164 Resp: 192426
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.9 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 4.468 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

Tgt Ion:330 Resp: 10159
Ion Ratio Lower Upper
330 100
332 94.7 76.8 115.2
141 36.6 28.0 42.0

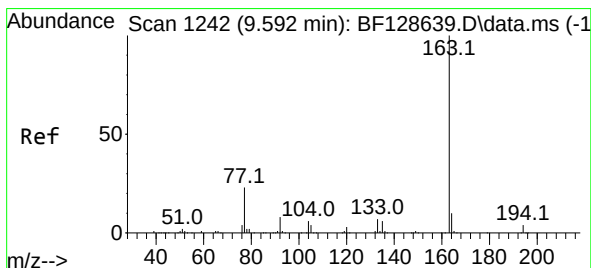
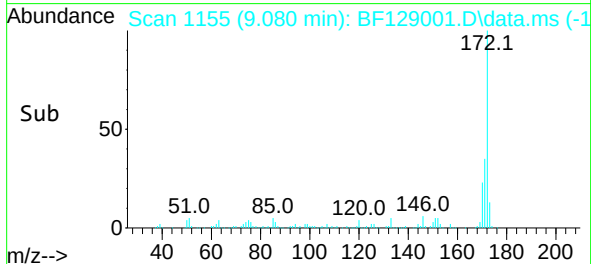
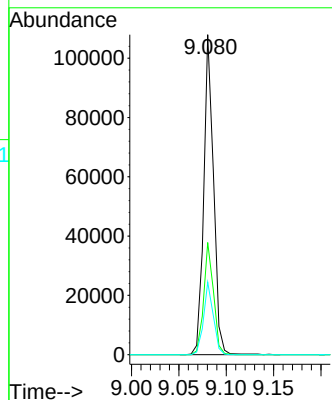
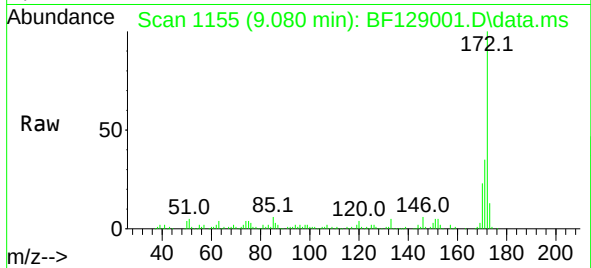




#45
2-Fluorobiphenyl
Concen: 5.677 ng
RT: 9.080 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

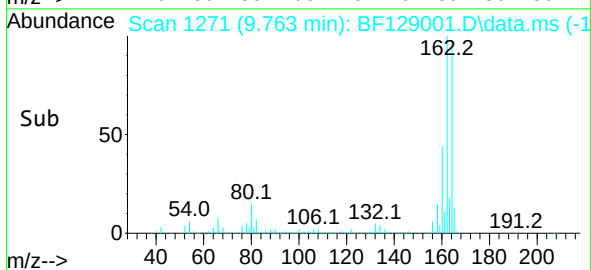
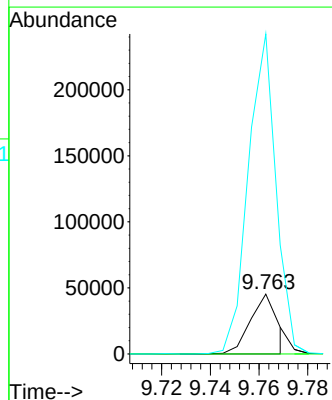
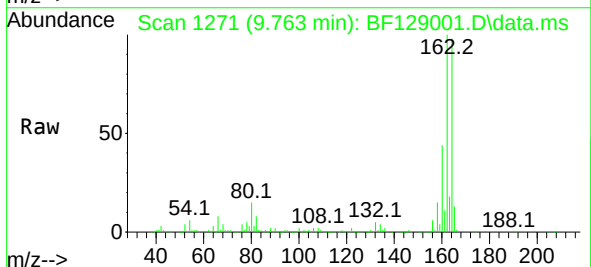
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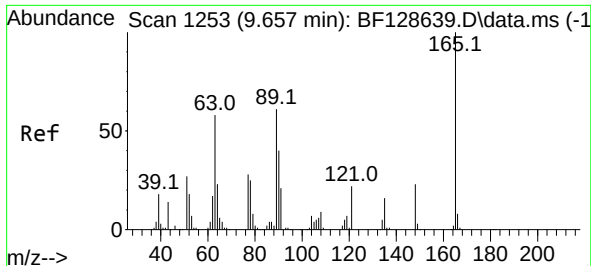
Tgt Ion:172 Resp: 77984
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 22.6 19.8 29.8



#50
Dimethylphthalate
Concen: 2.657 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

Tgt Ion:163 Resp: 34997
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 534.0 8.2 12.2#

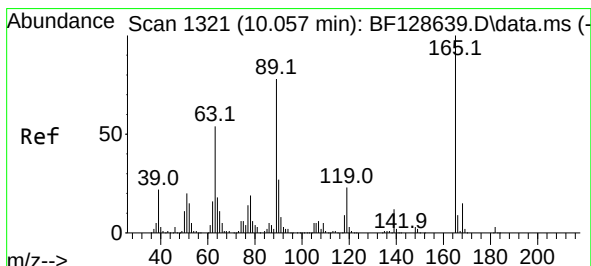
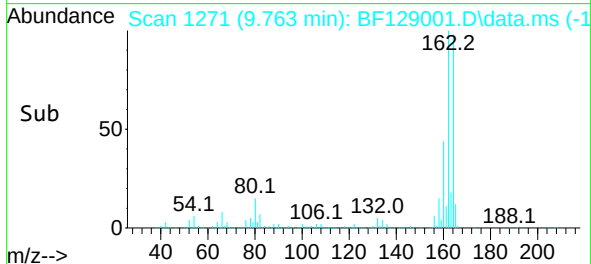
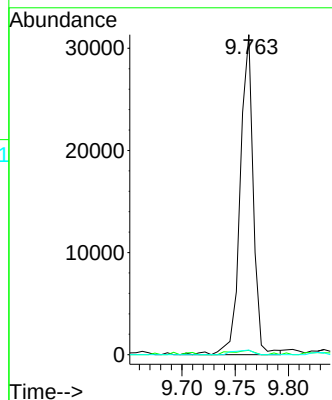
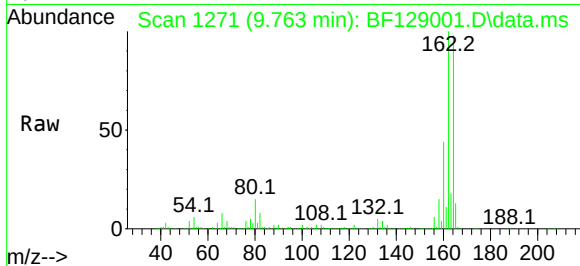




#51
2,6-Dinitrotoluene
Concen: 10.361 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

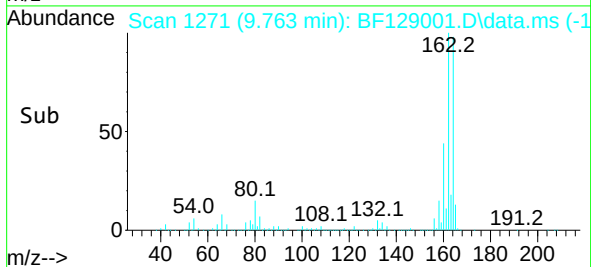
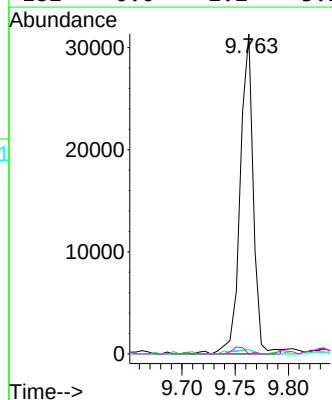
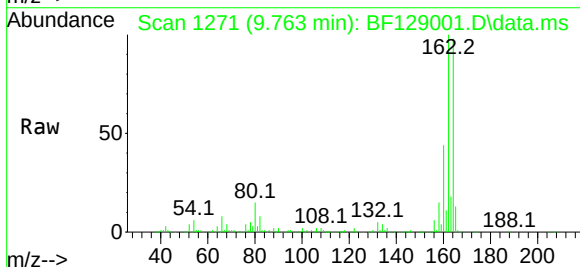
Instrument :
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ClientSampleId :
HR-04-062322

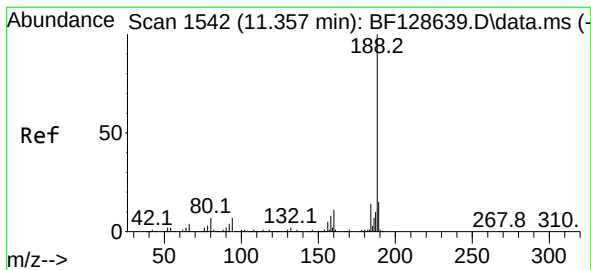
Tgt Ion:165 Resp: 26935
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.764 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.206 min
Lab File: BF129001.D
Acq: 24 Jun 2022 20:57

Tgt Ion:165 Resp: 26935
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129001.D

Acq: 24 Jun 2022 20:57

Instrument :

BNA_F

ClientSampleId :

HR-04-062322

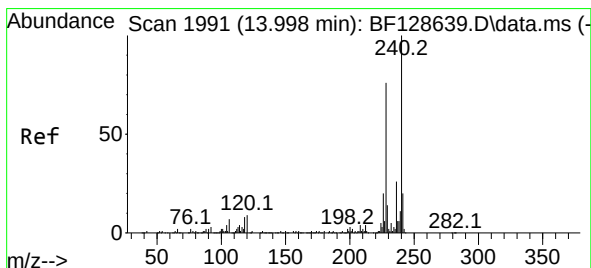
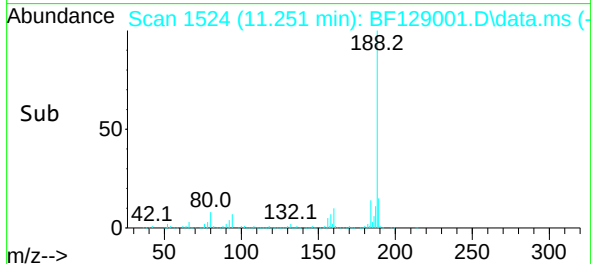
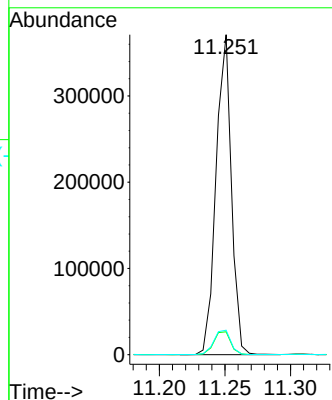
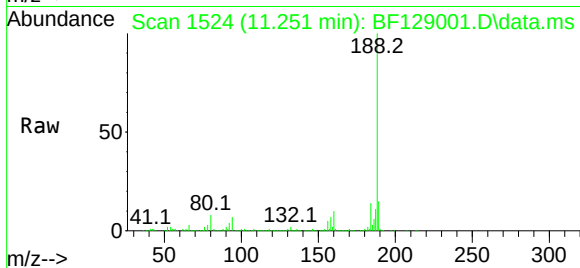
Tgt Ion:188 Resp: 301093

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 7.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BF129001.D

Acq: 24 Jun 2022 20:57

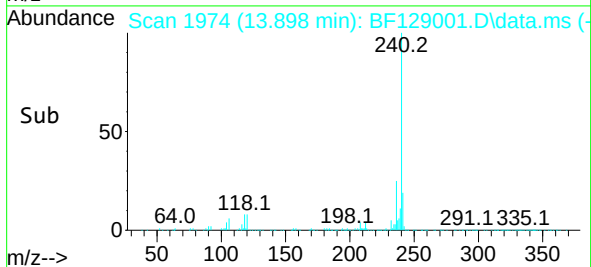
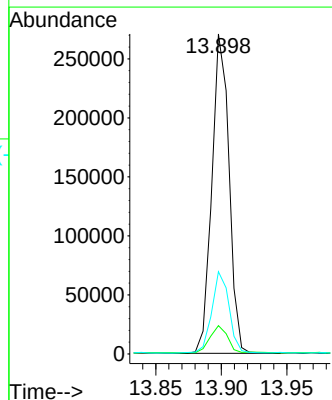
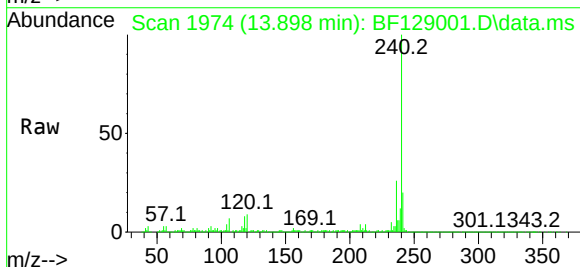
Tgt Ion:240 Resp: 246533

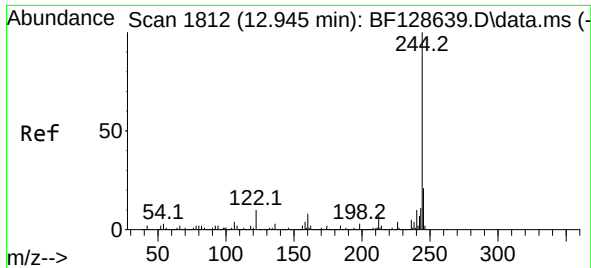
Ion Ratio Lower Upper

240 100

120 8.8 8.9 13.3#

236 25.7 20.8 31.2

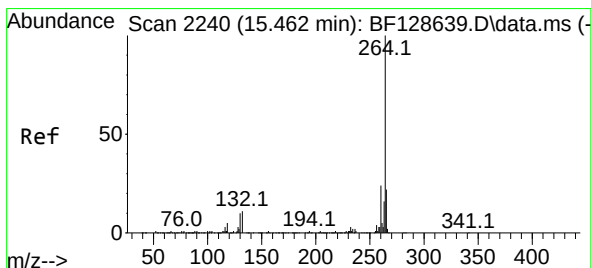
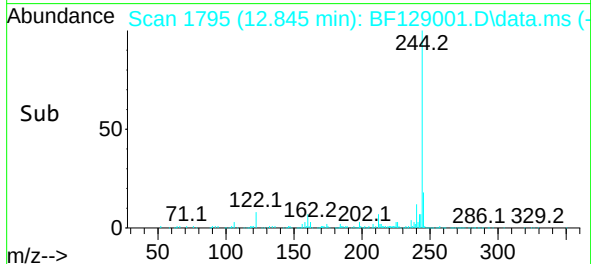
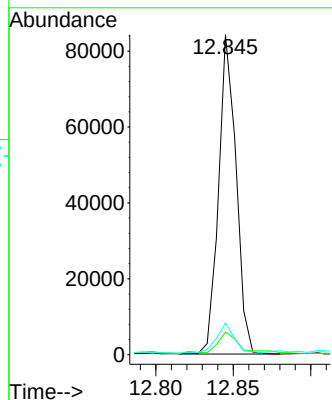
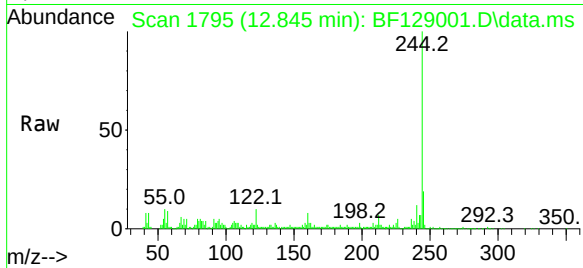




#79
 Terphenyl-d14
 Concen: 4.664 ng
 RT: 12.845 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129001.D
 Acq: 24 Jun 2022 20:57

Instrument :
 BNA_F
 ClientSampleId :
 HR-04-062322

Tgt Ion:244 Resp: 66179
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 9.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.339 min Scan# 2219
 Delta R.T. 0.012 min
 Lab File: BF129001.D
 Acq: 24 Jun 2022 20:57

Tgt Ion:264 Resp: 132991
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 23.0 17.2 25.8

