

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129720.D
 Acq On : 11 Aug 2022 17:50
 Operator : CG\JU
 Sample : N4017-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB07

Quant Time: Aug 11 23:59:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

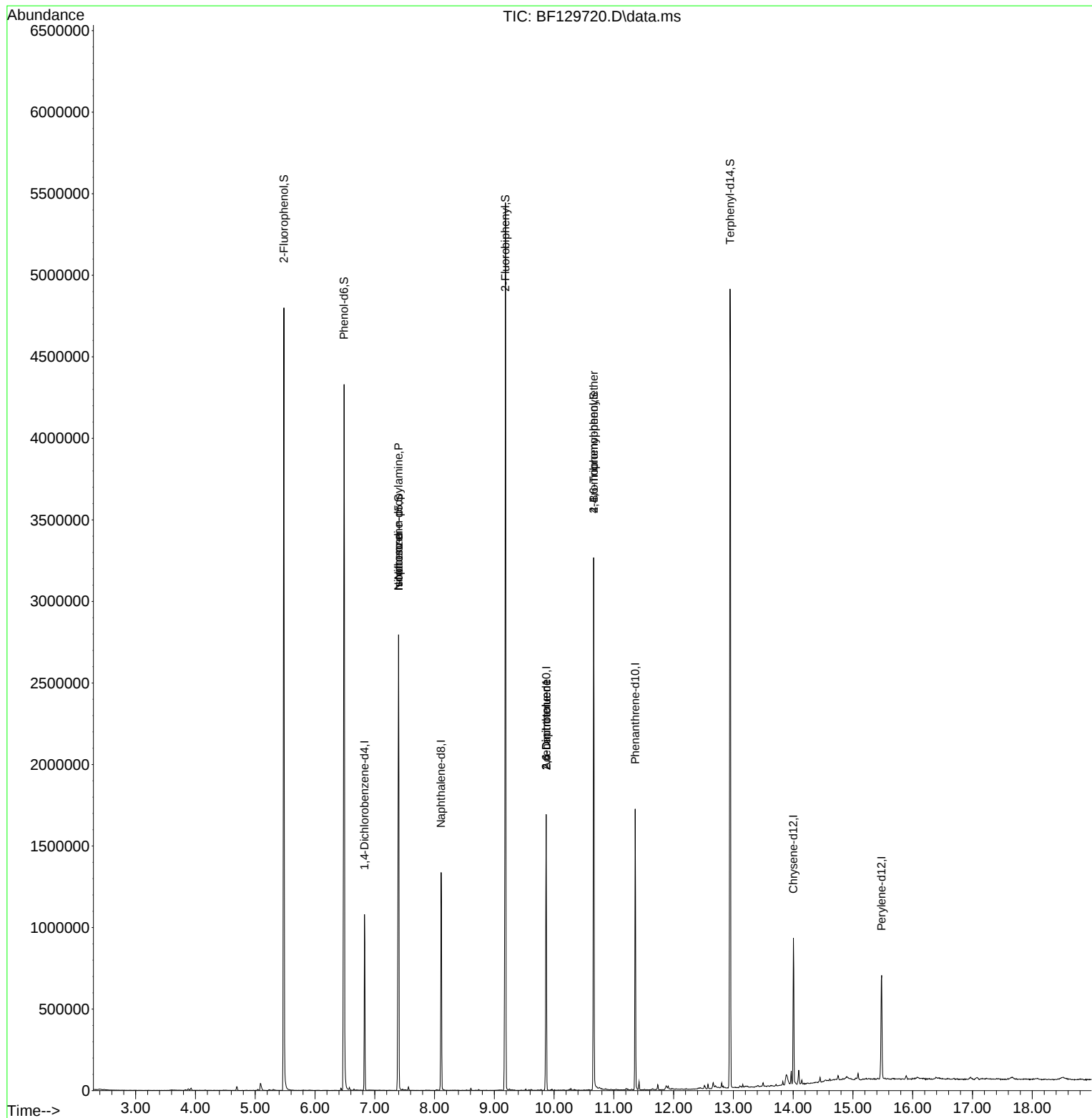
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	155206	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	630001	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	334106	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	574755	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	284520	20.000	ng	-0.02
86) Perylene-d12	15.480	264	284887	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1298795	136.318	ng	0.01
7) Phenol-d6	6.487	99	1672932	139.693	ng	0.00
23) Nitrobenzene-d5	7.398	82	1050626	91.035	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	382637	119.121	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	1828158	84.646	ng	-0.01
79) Terphenyl-d14	12.945	244	1789612	118.665	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	141061	19.457	ng	# 73
25) Isophorone	7.398	82	1050613	50.786	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	43493	8.425	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	43493	6.449	ng	# 21
67) 4-Bromophenyl-phenylether	10.663	248	23625	3.754	ng	# 1

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

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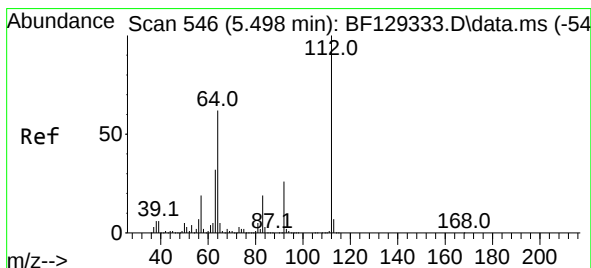
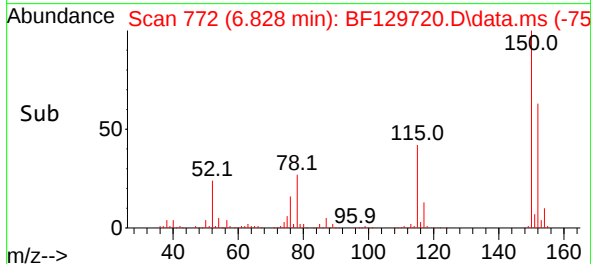
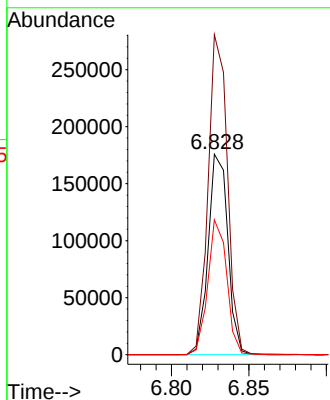
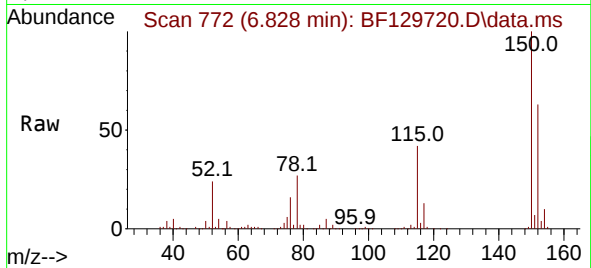




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

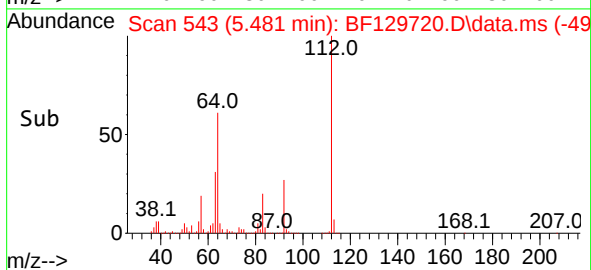
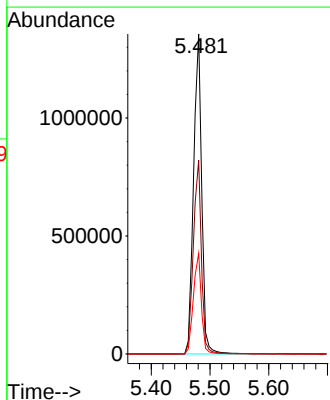
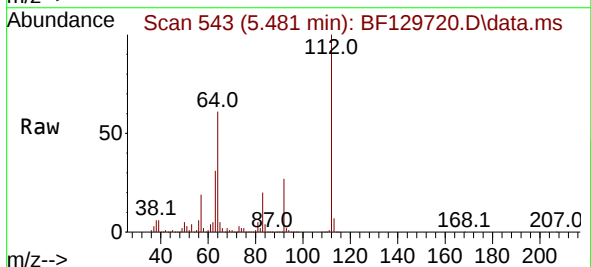
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion:152 Resp: 155206
Ion Ratio Lower Upper
152 100
150 159.7 123.7 185.5
115 67.3 49.9 74.9



#5
2-Fluorophenol
Concen: 136.318 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion:112 Resp: 1298795
Ion Ratio Lower Upper
112 100
64 60.6 53.3 79.9
63 31.5 28.0 42.0



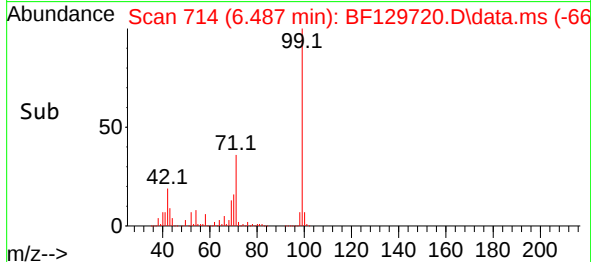
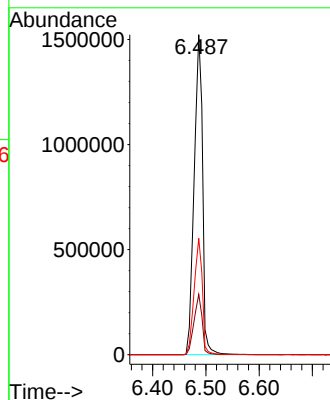
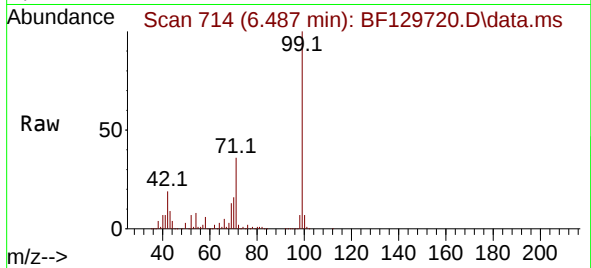


#7
Phenol-d6
Concen: 139.693 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion: 99 Resp: 1672932

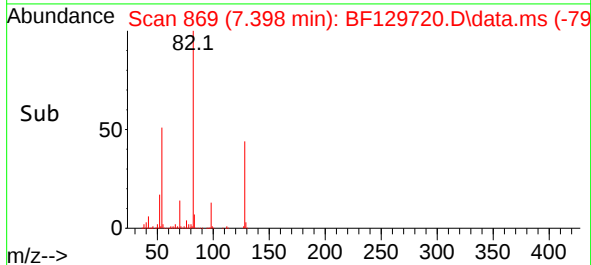
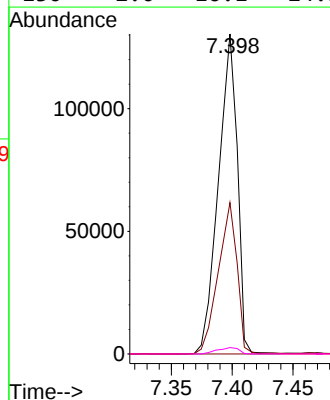
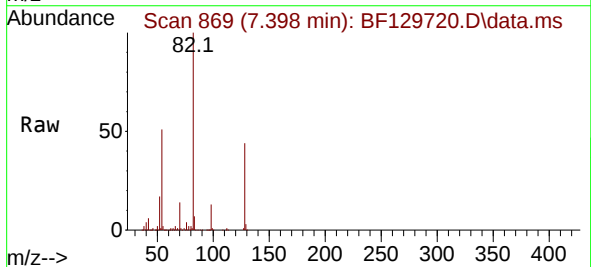
Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.3	25.9
71	36.3	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.457 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion: 70 Resp: 141061

Ion	Ratio	Lower	Upper
70	100		
42	47.3	52.3	78.5#
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#



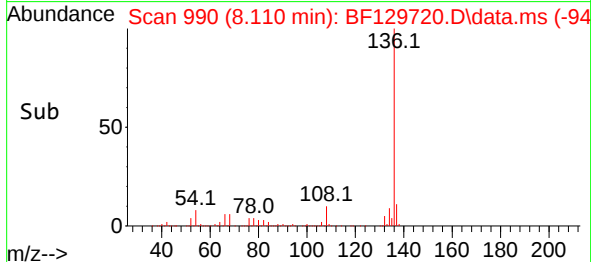
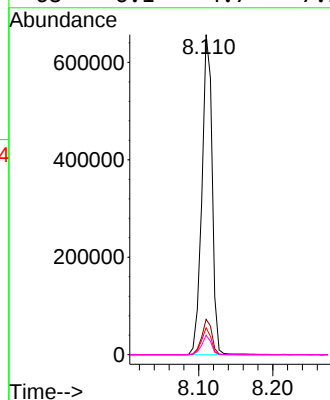
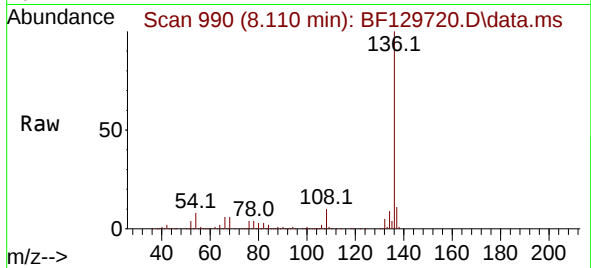


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion:136 Resp: 630001

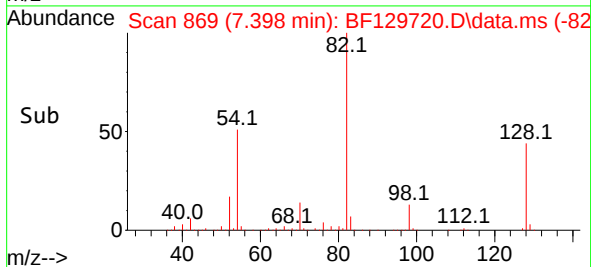
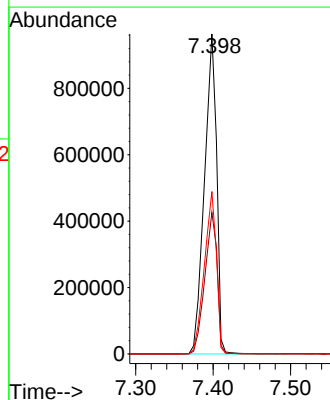
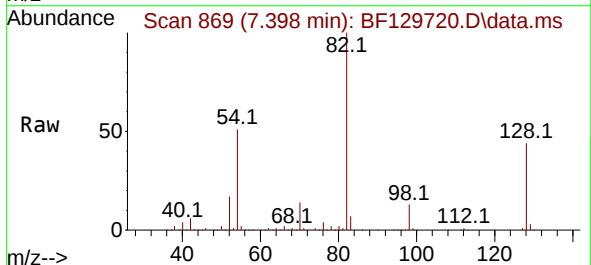
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.4	7.5	11.3
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 91.035 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion: 82 Resp: 1050626

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.0	51.0
54	50.7	46.9	70.3

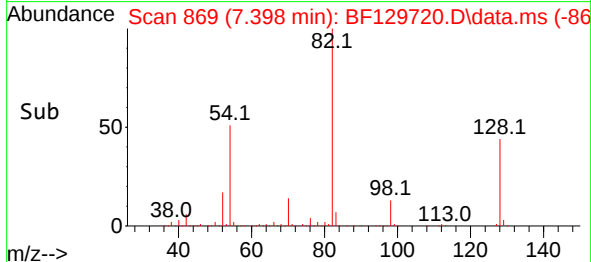
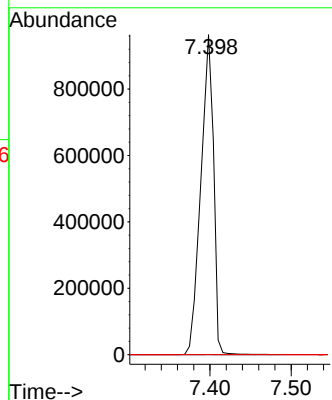
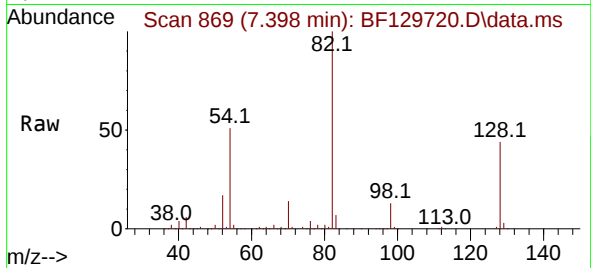




#25
Isophorone
Concen: 50.786 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

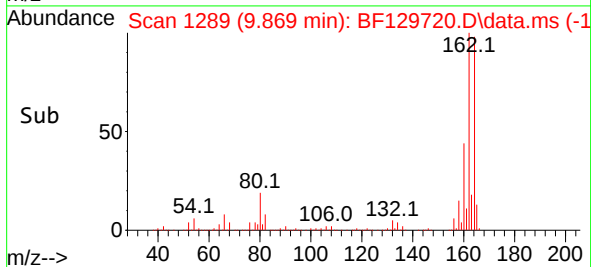
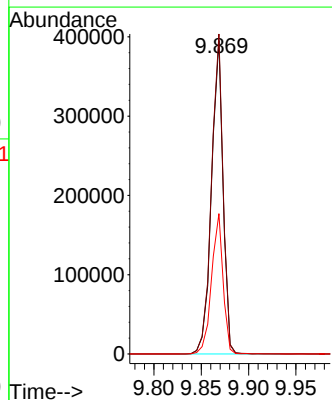
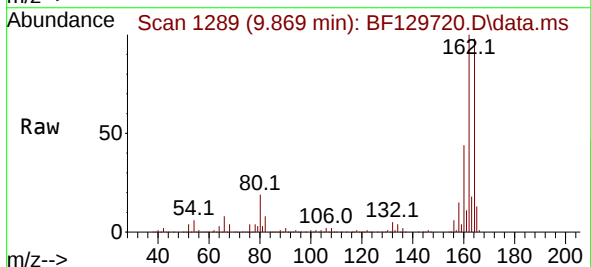
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion: 82 Resp: 1050613
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: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion:164 Resp: 334106
Ion Ratio Lower Upper
164 100
162 102.1 79.5 119.3
160 44.8 34.2 51.4

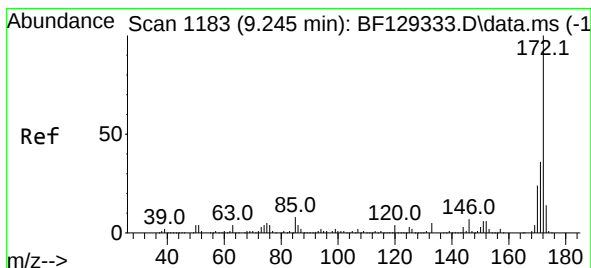
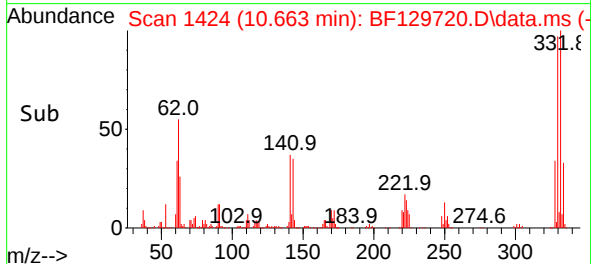
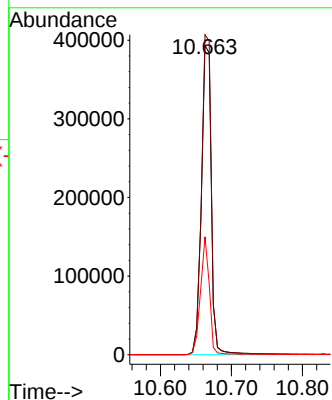
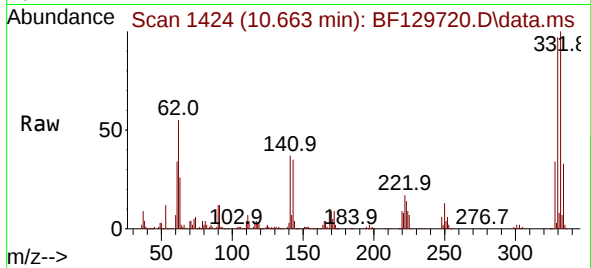




#42
2,4,6-Tribromophenol
Concen: 119.121 ng
RT: 10.663 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

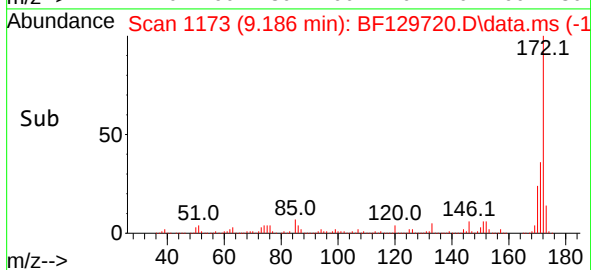
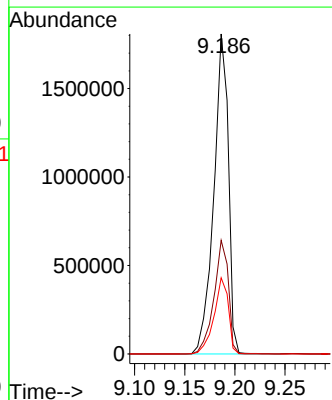
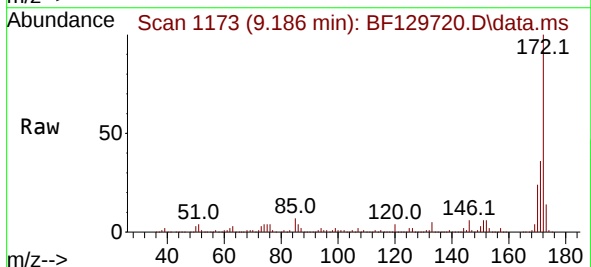
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion:330 Resp: 382637
Ion Ratio Lower Upper
330 100
332 103.6 76.8 115.2
141 34.4 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 84.646 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion:172 Resp: 1828158
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.8 19.8 29.8

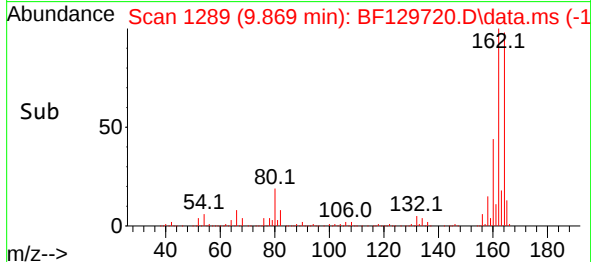
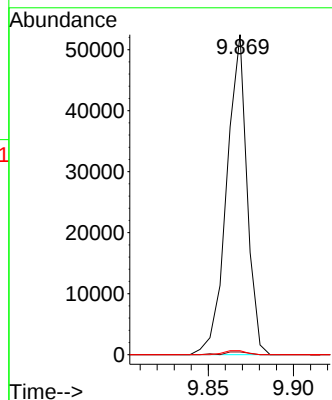
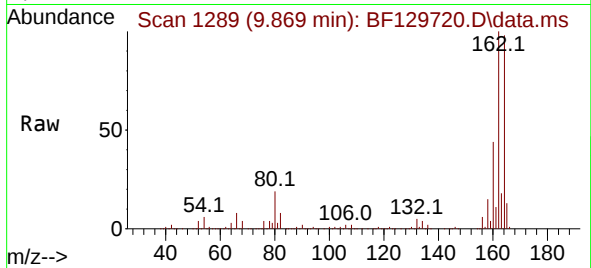




#51
2,6-Dinitrotoluene
Concen: 8.425 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

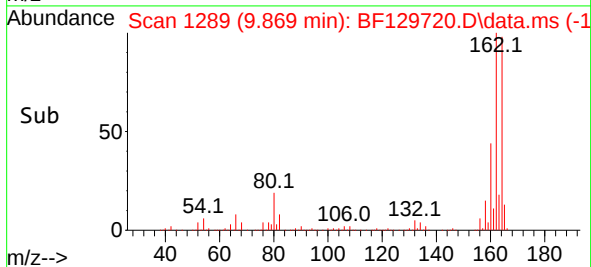
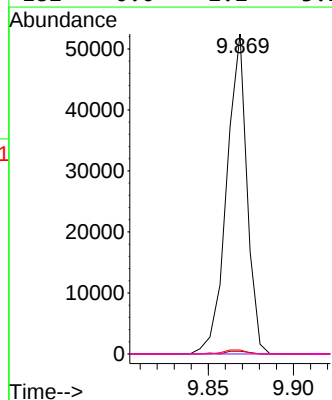
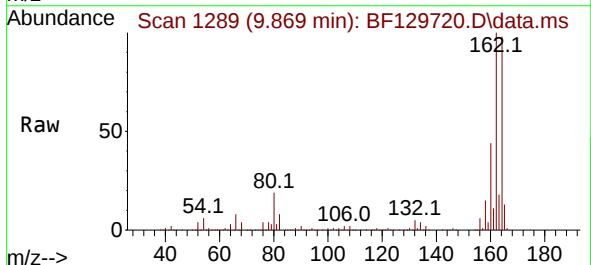
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion:165 Resp: 43493
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.449 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.212 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion:165 Resp: 43493
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129720.D

Acq: 11 Aug 2022 17:50

Instrument :

BNA_F

ClientSampleId :

SB07

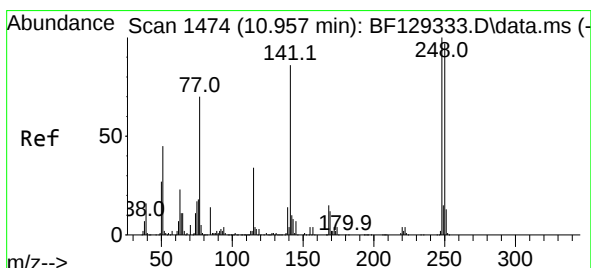
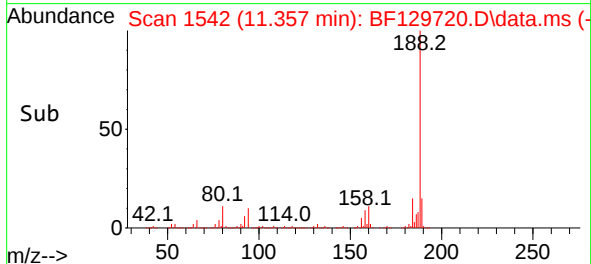
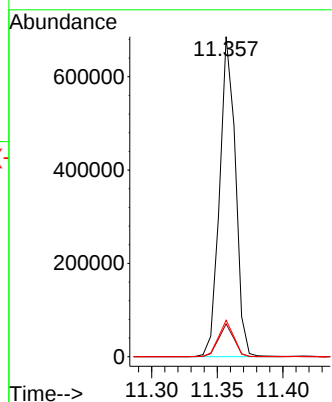
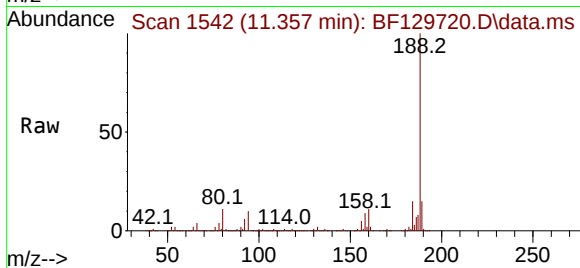
Tgt Ion:188 Resp: 574755

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 11.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.754 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.247 min

Lab File: BF129720.D

Acq: 11 Aug 2022 17:50

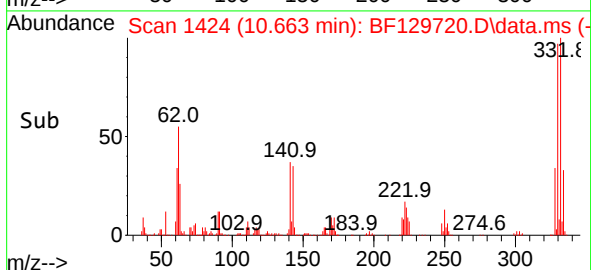
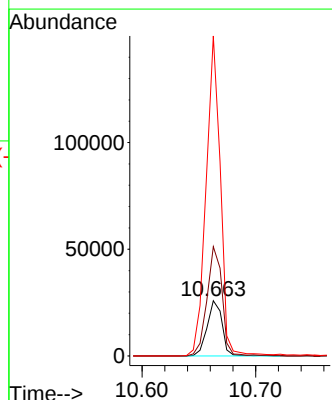
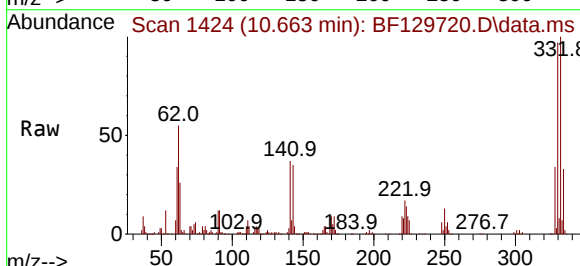
Tgt Ion:248 Resp: 23625

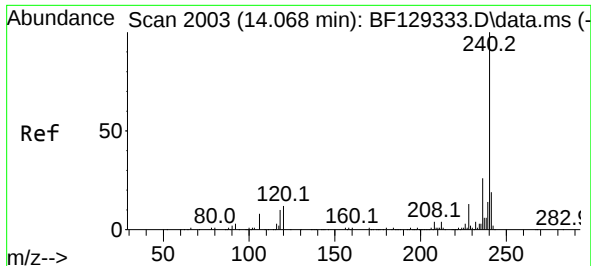
Ion Ratio Lower Upper

248 100

250 198.0 80.6 120.8#

141 579.8 58.9 88.3#

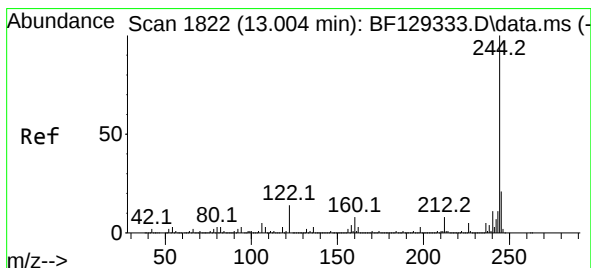
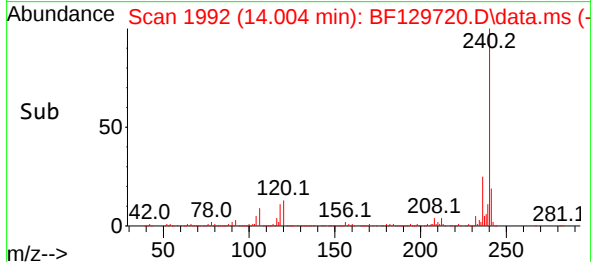
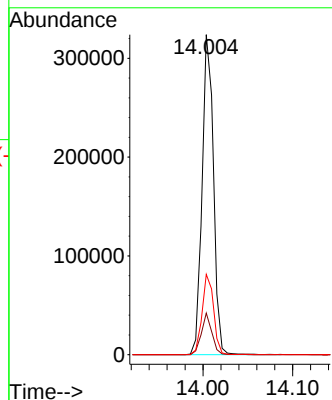
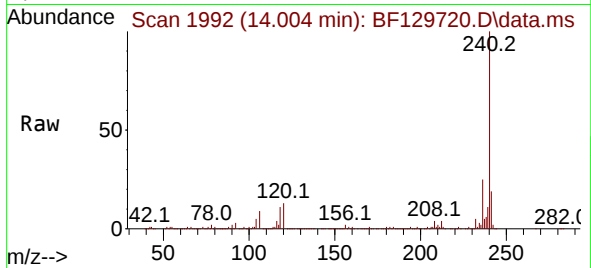




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.018 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

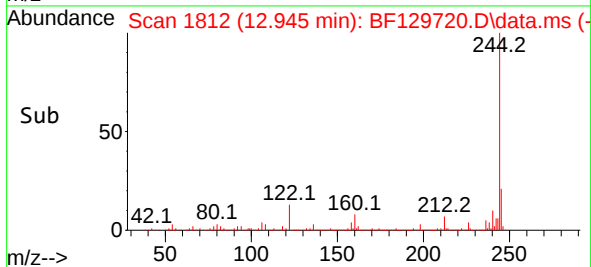
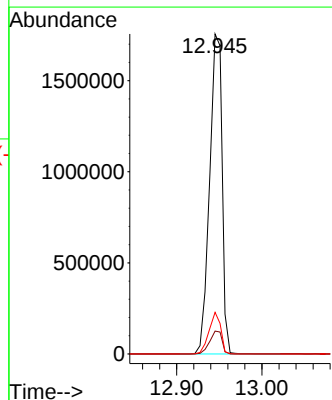
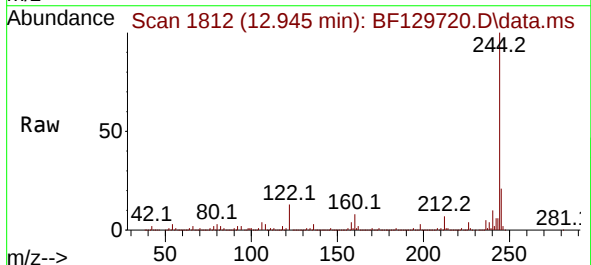
Instrument :
BNA_F
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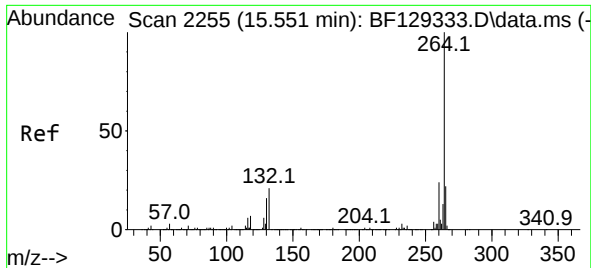
Tgt Ion:240 Resp: 284520
Ion Ratio Lower Upper
240 100
120 13.0 8.9 13.3
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 118.665 ng
RT: 12.945 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF129720.D
Acq: 11 Aug 2022 17:50

Tgt Ion:244 Resp: 1789612
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 13.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF129720.D
 Acq: 11 Aug 2022 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SB07

Tgt Ion:264 Resp: 284887
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.4 17.2 25.8

