

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129719.D
 Acq On : 11 Aug 2022 17:18
 Operator : CG\JU
 Sample : N4119-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 11 23:59:27 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)

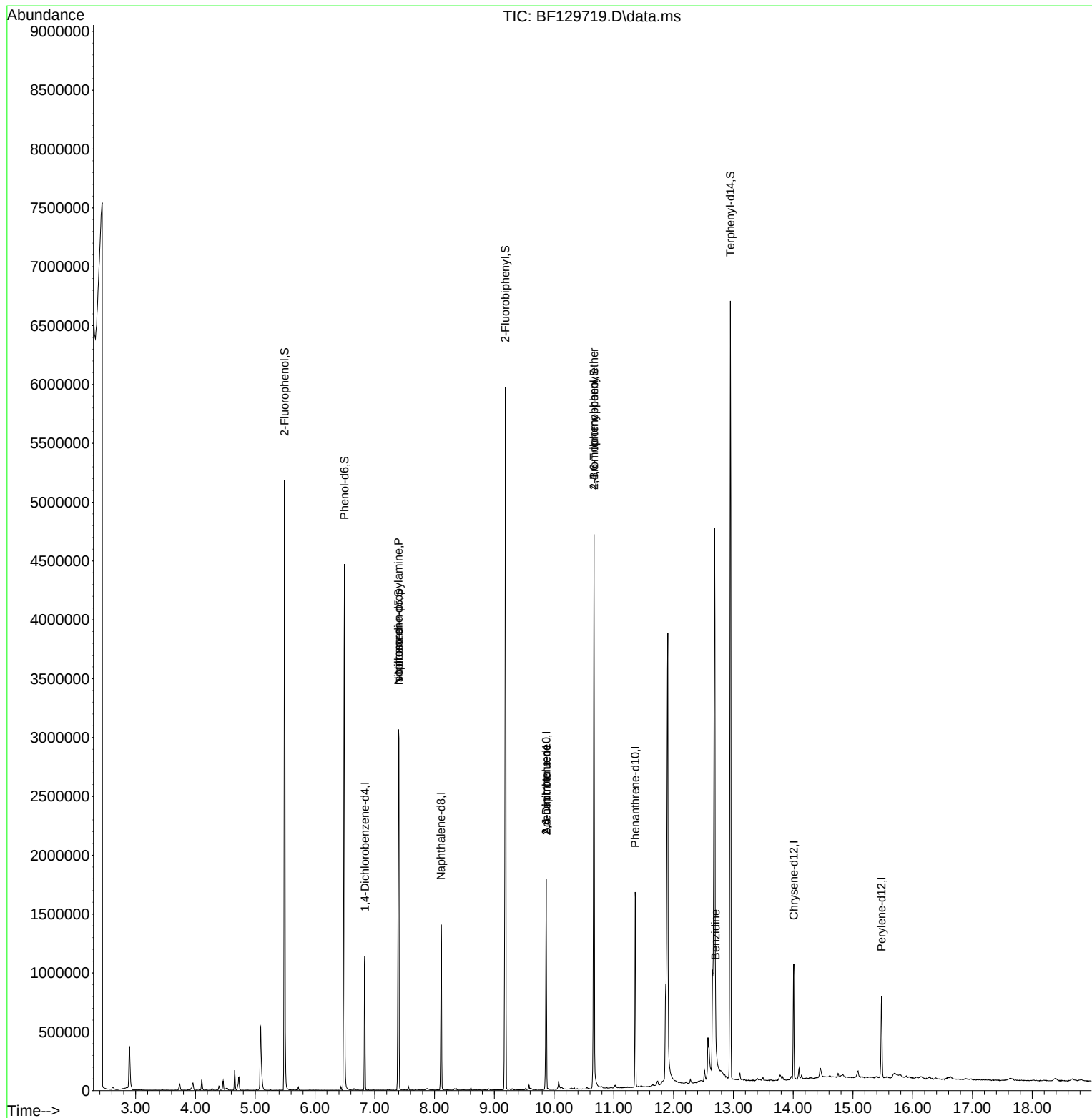
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	169669	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	681114	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	360399	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	617595	20.000	ng	#-0.01
76) Chrysene-d12	14.010	240	323833	20.000	ng	-0.01
86) Perylene-d12	15.480	264	303462	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1426017	136.912	ng	0.02
7) Phenol-d6	6.492	99	1660888	126.866	ng	0.00
23) Nitrobenzene-d5	7.398	82	1274708	102.163	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	628129	181.280	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2255275	96.804	ng	-0.01
79) Terphenyl-d14	12.951	244	2483745	144.698	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	173812	21.930	ng	# 74
25) Isophorone	7.398	82	1274689	56.994	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	46880	8.419	ng	# 25
57) 2,4-Dinitrotoluene	9.869	165	46880	6.444	ng	# 21
67) 4-Bromophenyl-phenylether	10.669	248	38382	5.675	ng	# 1
77) Benzidine	12.704	184	132101	11.547	ng	# 93

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

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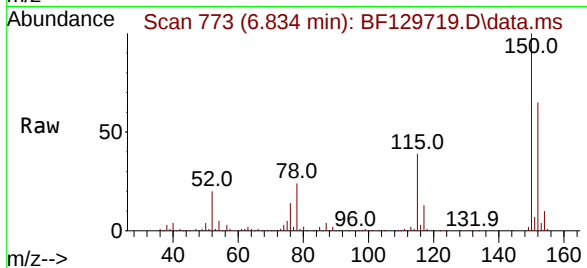
Quant Time: Aug 11 23:59:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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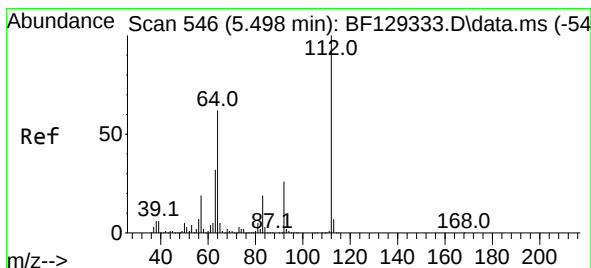
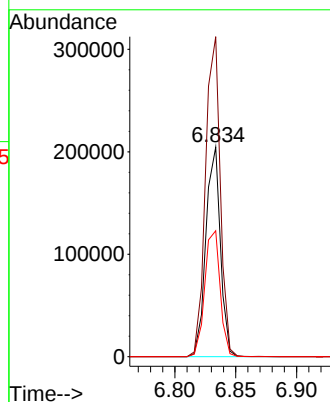
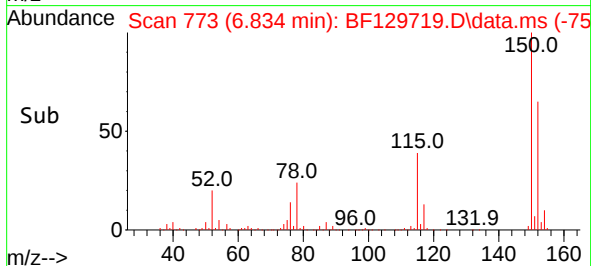


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

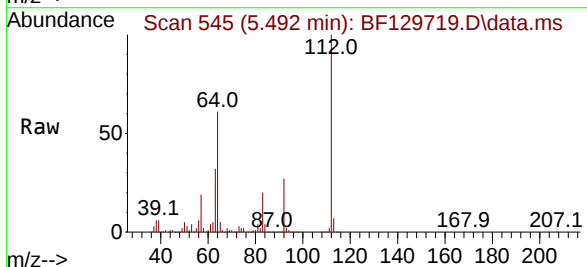
Instrument :
BNA_F
ClientSampleId :



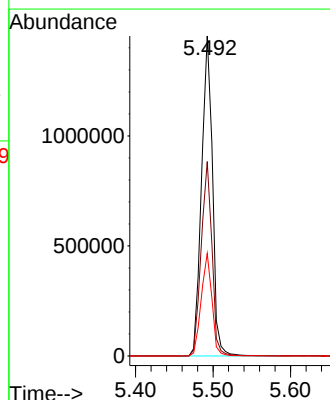
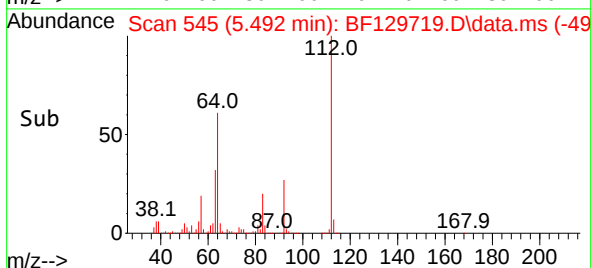
Tgt Ion:152 Resp: 169669
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 136.912 ng
RT: 5.492 min Scan# 545
Delta R.T. 0.023 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18



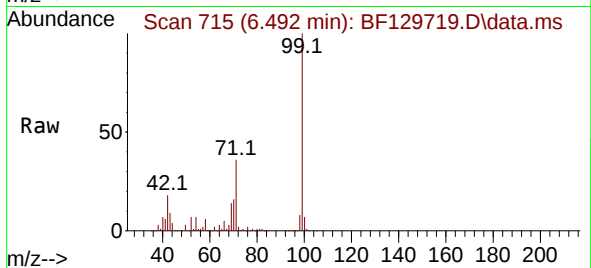
Tgt Ion:112 Resp: 1426017
Ion Ratio Lower Upper
112 100
64 60.7 53.3 79.9
63 32.0 28.0 42.0





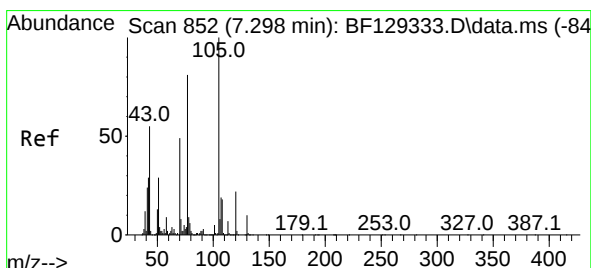
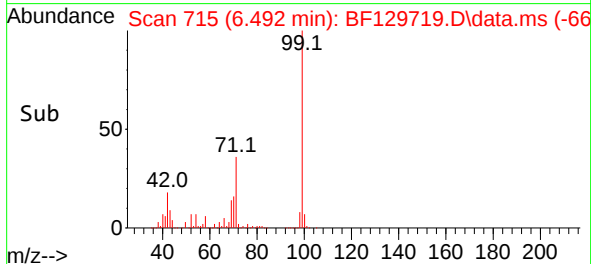
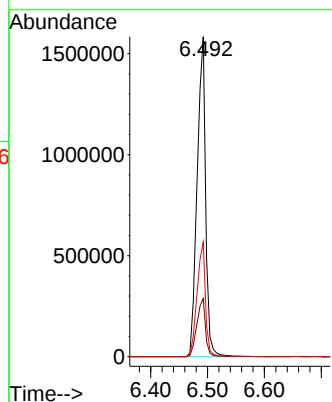
#7
Phenol-d6
Concen: 126.866 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1660888

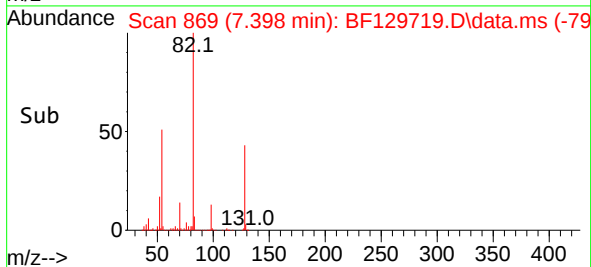
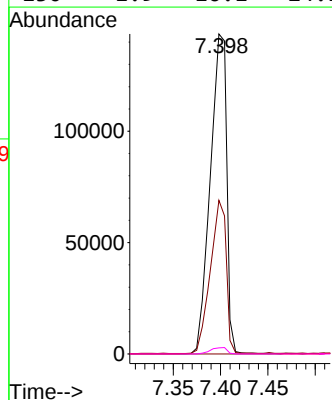
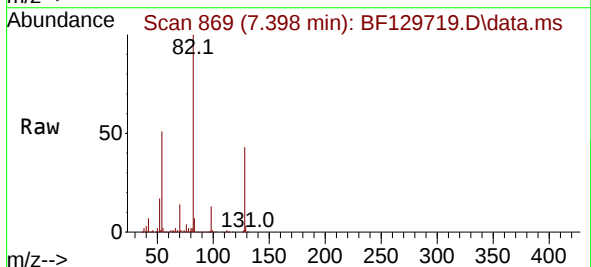
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.3	25.9
71	35.9	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.930 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.141 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Tgt Ion: 70 Resp: 173812

Ion	Ratio	Lower	Upper
70	100		
42	48.0	52.3	78.5#
101	0.0	7.5	11.3#
130	1.9	16.1	24.1#



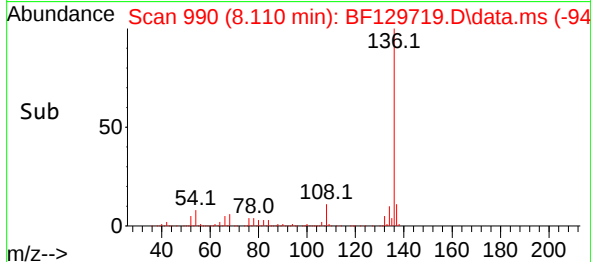
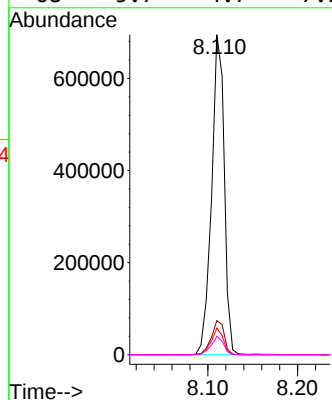
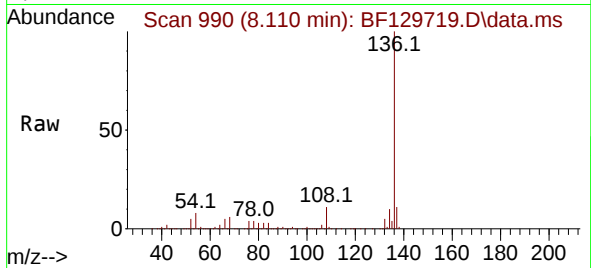


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 681114

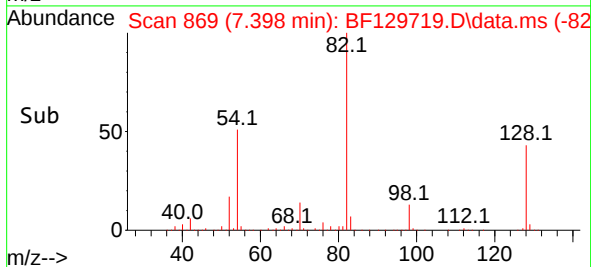
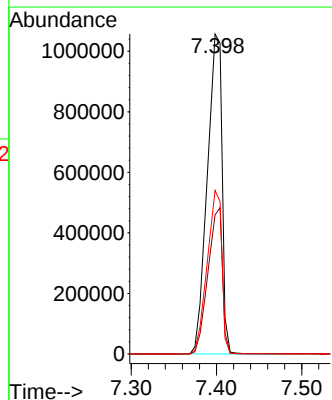
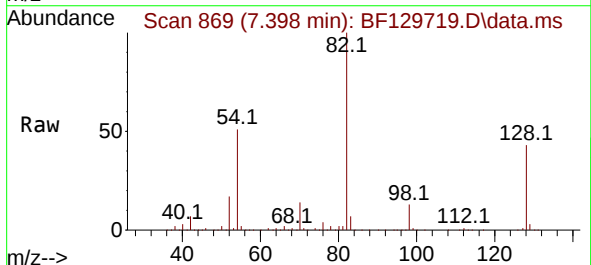
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.3	7.5	11.3
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 102.163 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Tgt Ion: 82 Resp: 1274708

Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	51.1	46.9	70.3

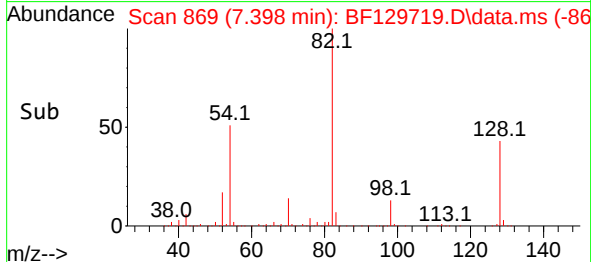
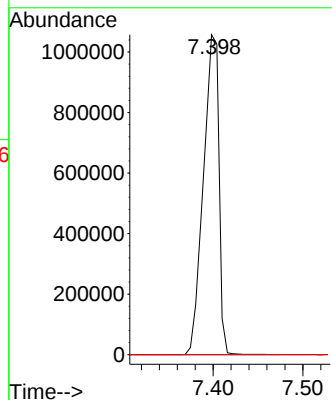
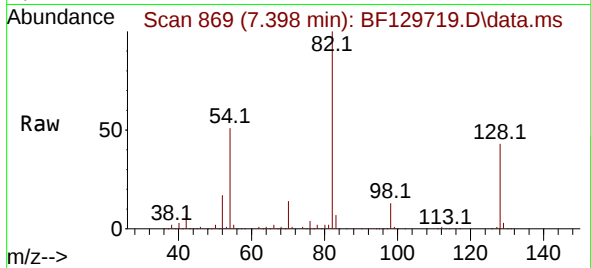




#25
Isophorone
Concen: 56.994 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

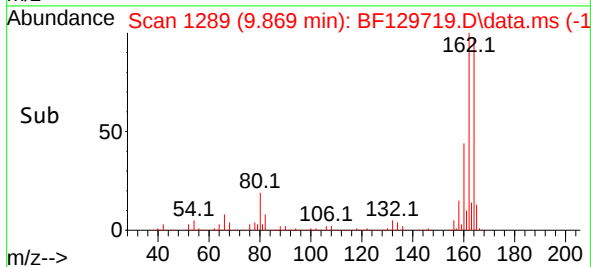
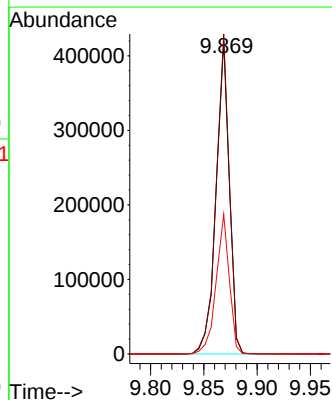
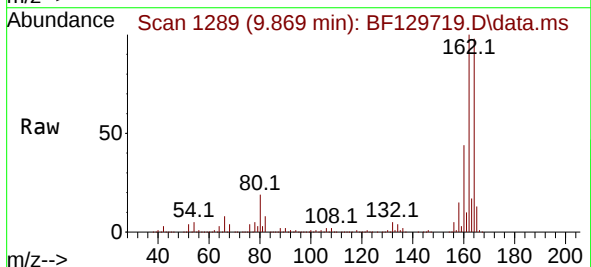
Instrument :
BNA_F
ClientSampleId :

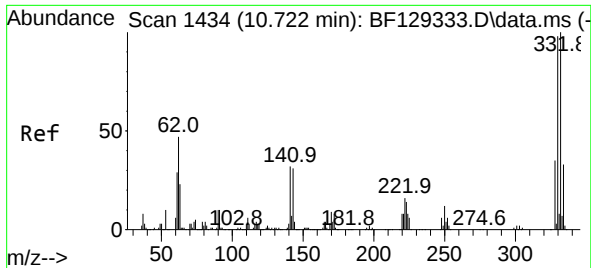
Tgt Ion: 82 Resp: 1274689
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

Tgt Ion:164 Resp: 360399
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 181.280 ng

RT: 10.669 min Scan# 1434

Delta R.T. -0.006 min

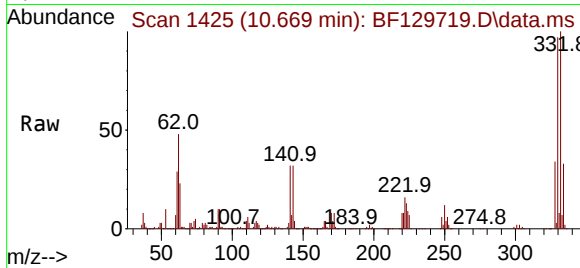
Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

Instrument :

BNA_F

ClientSampleId :



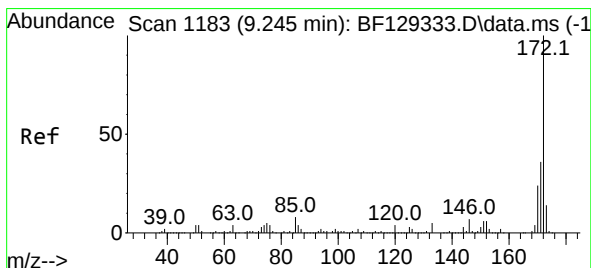
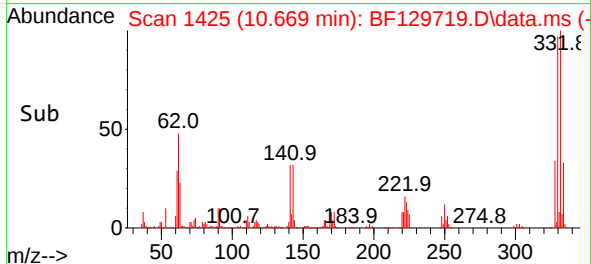
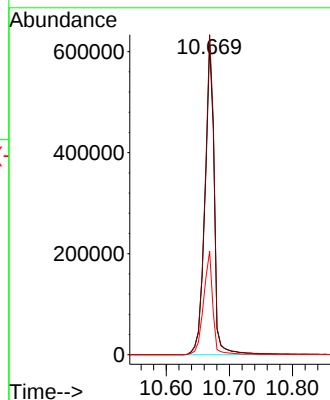
Tgt Ion:330 Resp: 628129

Ion Ratio Lower Upper

330 100

332 104.0 76.8 115.2

141 33.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 96.804 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

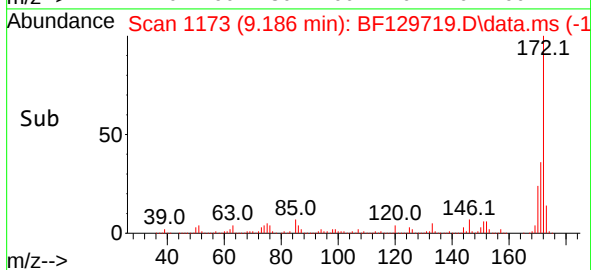
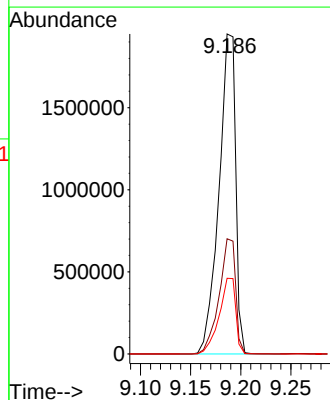
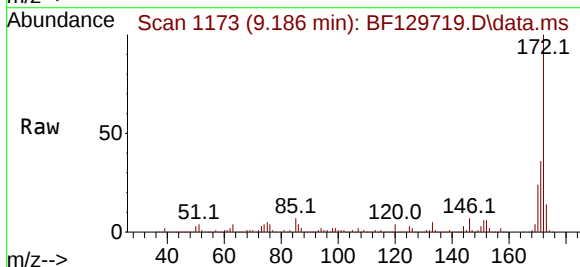
Tgt Ion:172 Resp: 2255275

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.419 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.200 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

Instrument :

BNA_F

ClientSampleId :

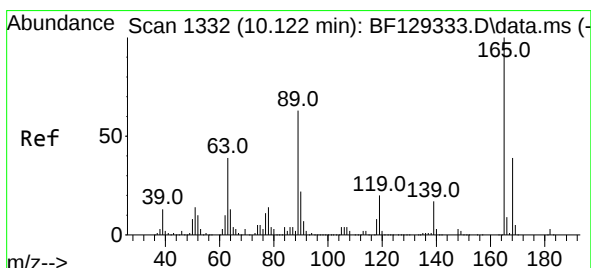
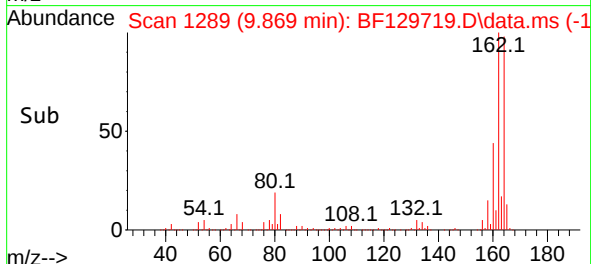
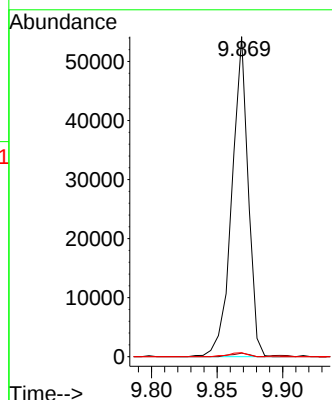
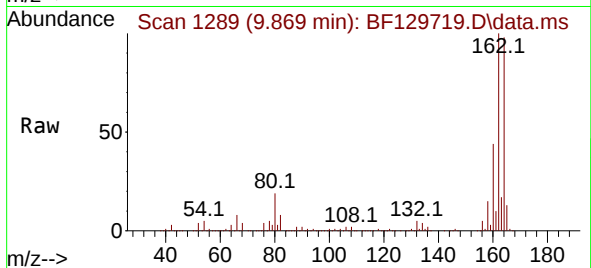
Tgt Ion:165 Resp: 46880

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.444 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.212 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

Tgt Ion:165 Resp: 46880

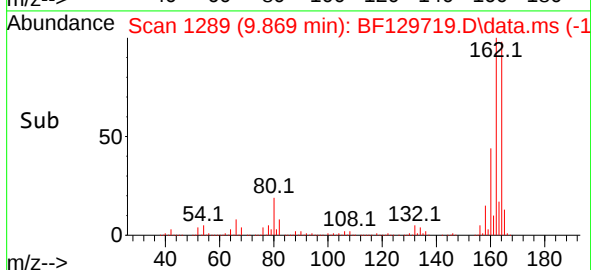
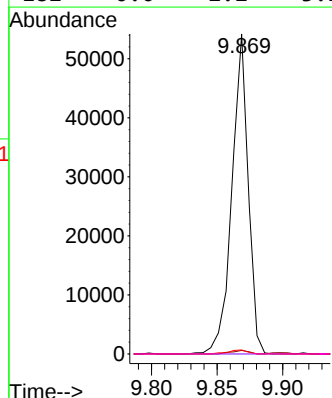
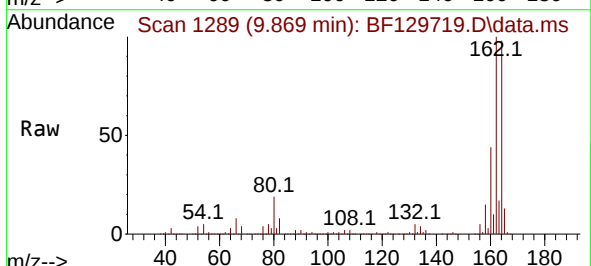
Ion Ratio Lower Upper

165 100

63 1.1 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: BF129719.D

Acq: 11 Aug 2022 17:18

Instrument :

BNA_F

ClientSampleId :

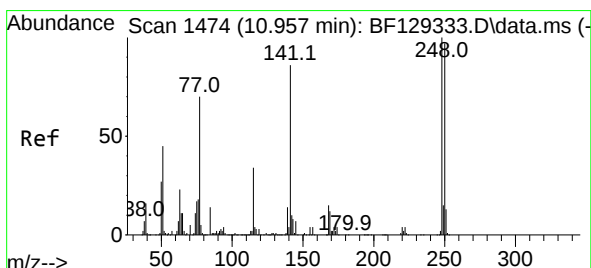
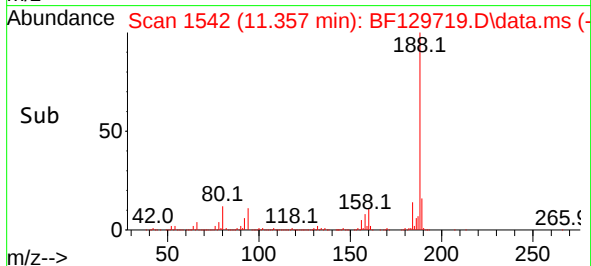
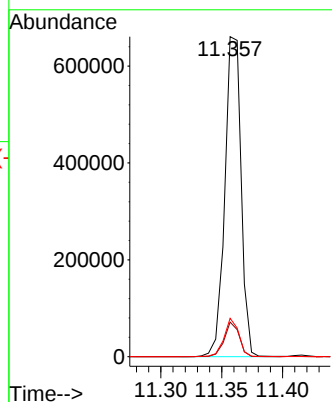
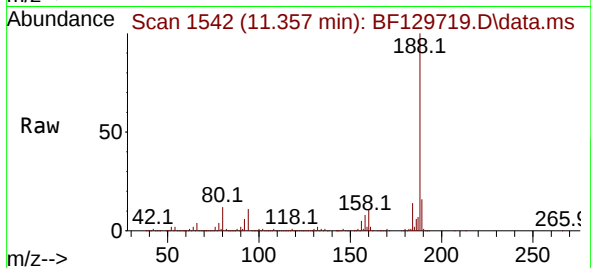
Tgt Ion:188 Resp: 617595

Ion Ratio Lower Upper

188 100

94 10.8 7.0 10.6#

80 12.0 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 5.675 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.241 min

Lab File: BF129719.D

Acq: 11 Aug 2022 17:18

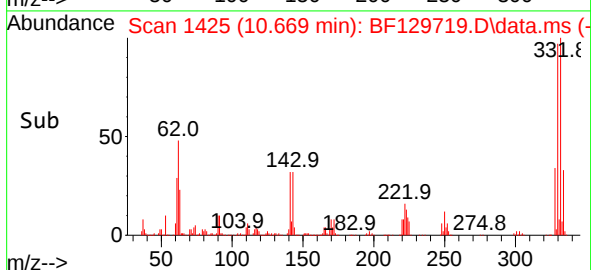
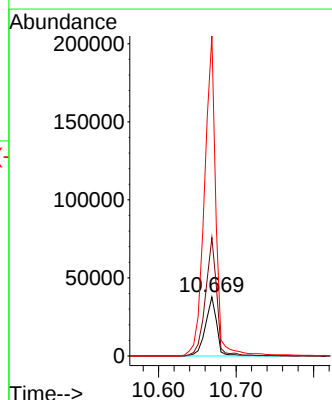
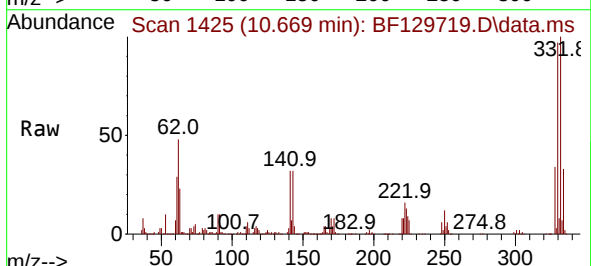
Tgt Ion:248 Resp: 38382

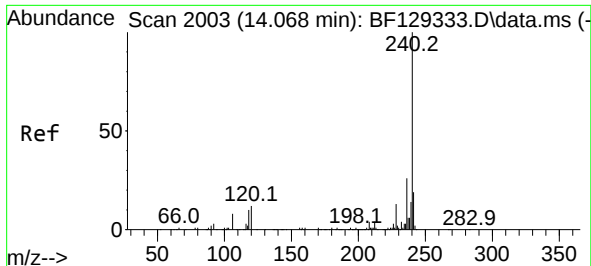
Ion Ratio Lower Upper

248 100

250 200.6 80.6 120.8#

141 542.4 58.9 88.3#

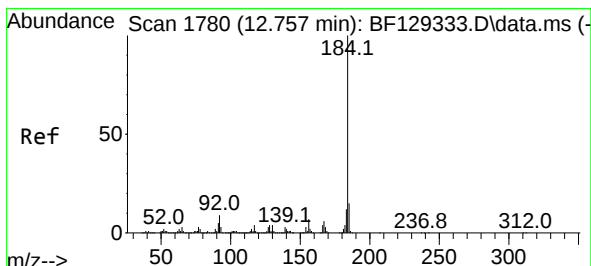
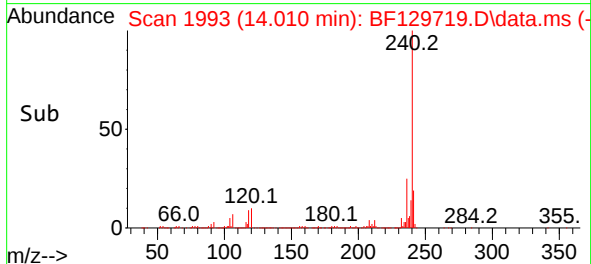
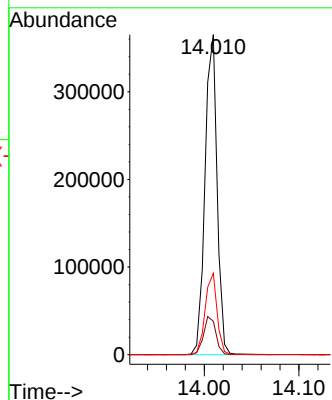
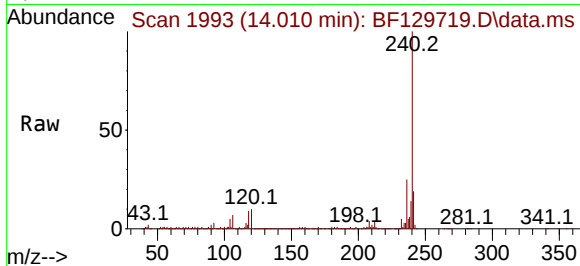




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.012 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

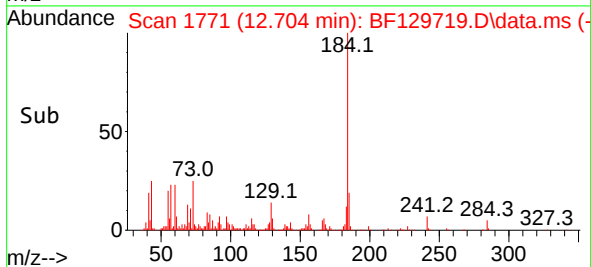
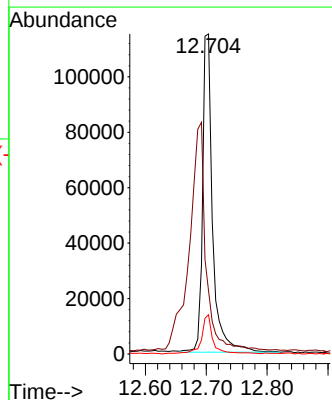
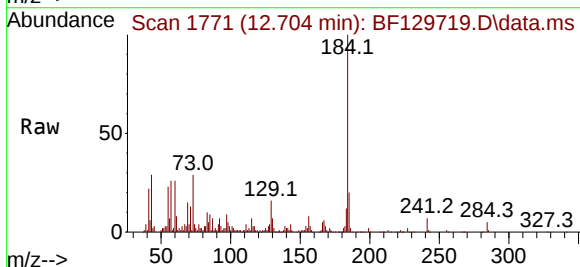
Instrument :
BNA_F
ClientSampleId :

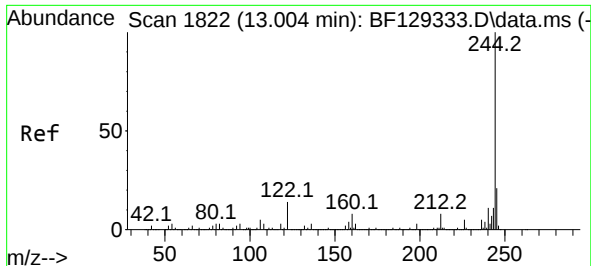
Tgt Ion:240 Resp: 323833
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 25.4 20.8 31.2



#77
Benzidine
Concen: 11.547 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF129719.D
Acq: 11 Aug 2022 17:18

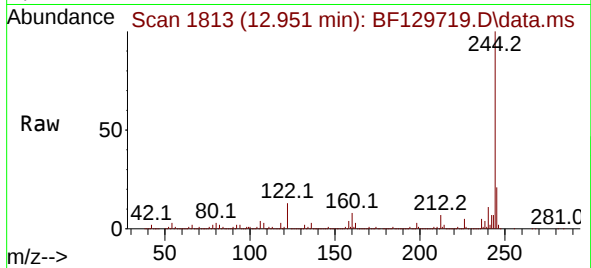
Tgt Ion:184 Resp: 132101
Ion Ratio Lower Upper
184 100
185 19.8 11.9 17.9#
183 12.3 9.3 13.9



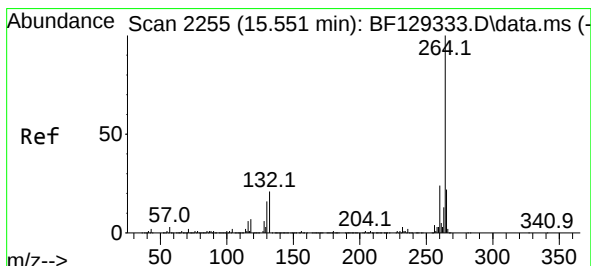
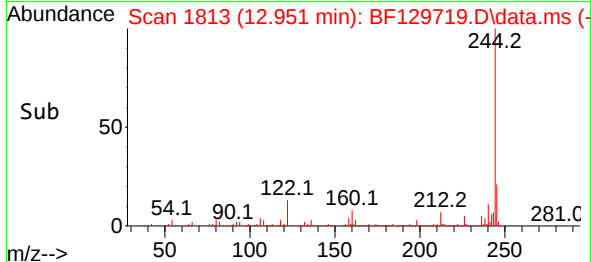
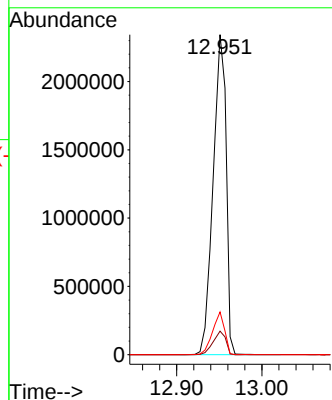


#79
 Terphenyl-d14
 Concen: 144.698 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129719.D
 Acq: 11 Aug 2022 17:18

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2483745
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 13.3 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. -0.012 min
 Lab File: BF129719.D
 Acq: 11 Aug 2022 17:18

Tgt Ion:264 Resp: 303462
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.3 17.2 25.8

