

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129373.D
 Acq On : 27 Jul 2022 13:07
 Operator : CG\JU
 Sample : N3861-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INTERCEPTOR-TRENCH

Quant Time: Jul 28 01:30:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

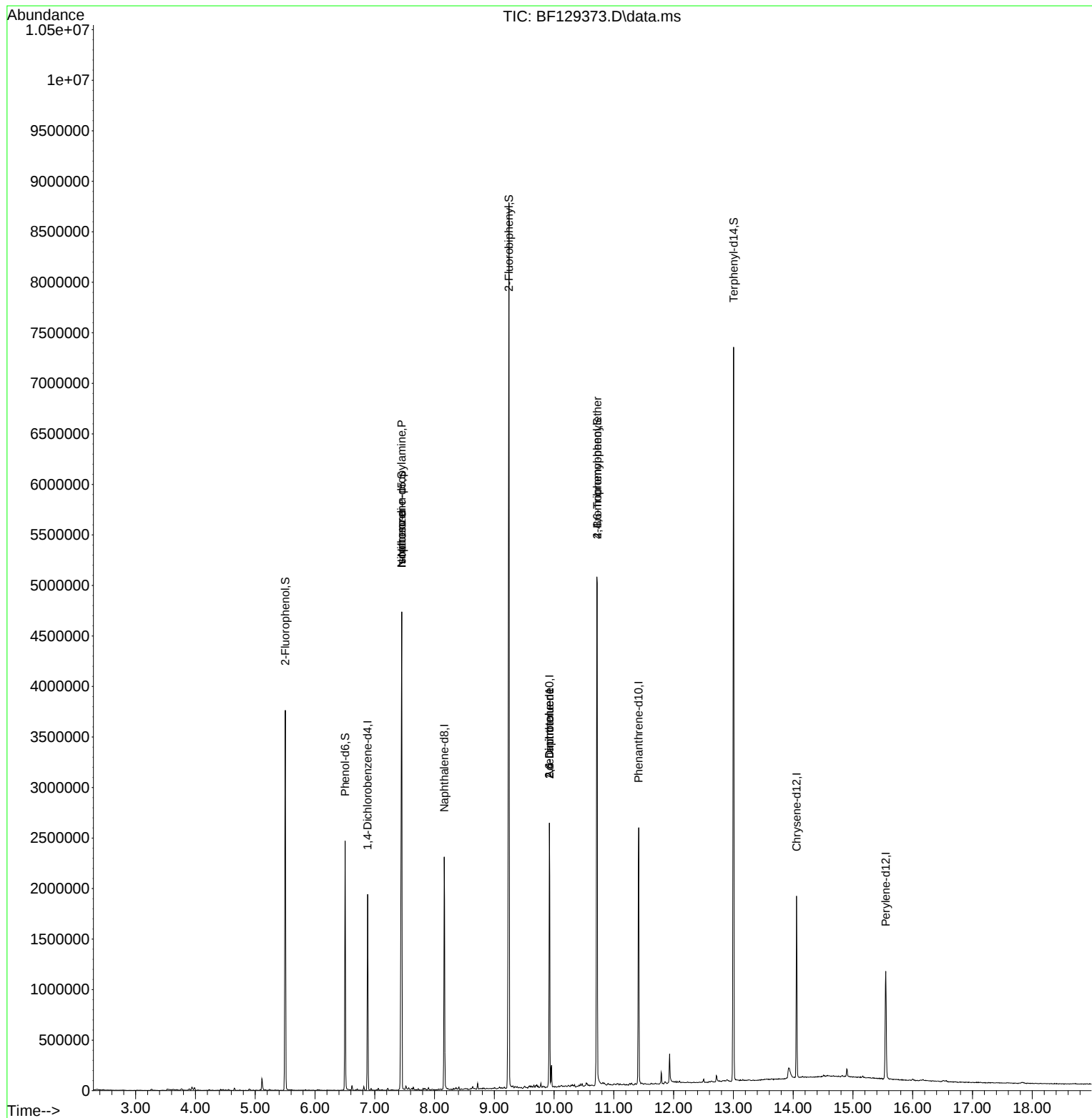
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	262192	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1020584	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	528217	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	871675	20.000	ng	0.00
76) Chrysene-d12	14.057	240	582202	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	485294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	965051	59.959	ng	0.00
7) Phenol-d6	6.504	99	750472	37.095	ng	-0.01
23) Nitrobenzene-d5	7.451	82	1742708	93.213	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	696685	137.186	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2797972	81.942	ng	0.00
79) Terphenyl-d14	13.004	244	2578088	83.541	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	232084	18.949	ng	# 73
25) Isophorone	7.451	82	1736774	51.825	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	69858	8.559	ng	# 26
57) 2,4-Dinitrotoluene	9.922	165	69858	6.552	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	45078	4.723	ng	# 1

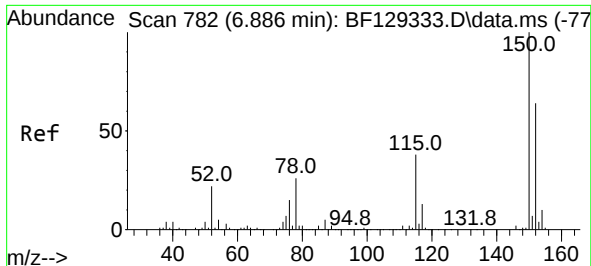
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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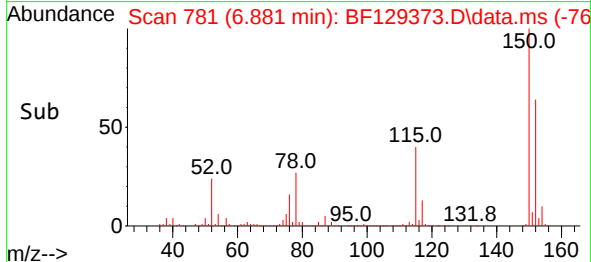
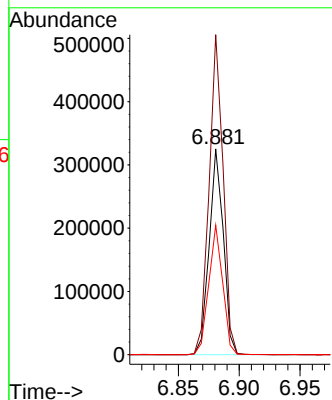
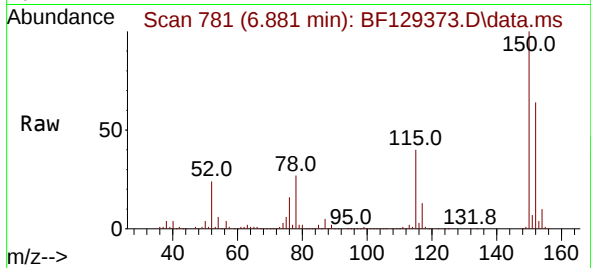




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

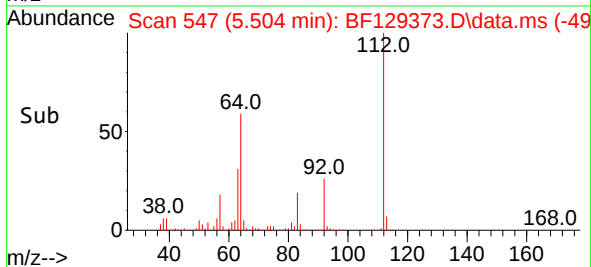
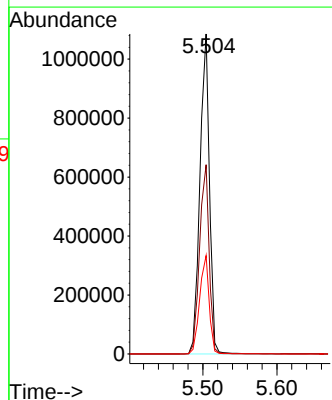
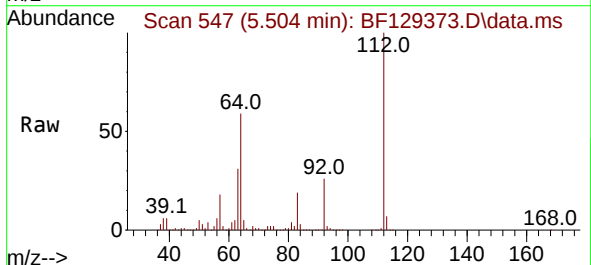
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 262192
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 62.9 49.9 74.9



#5
2-Fluorophenol
Concen: 59.959 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.006 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

Tgt Ion:112 Resp: 965051
Ion Ratio Lower Upper
112 100
64 59.2 53.3 79.9
63 30.7 28.0 42.0

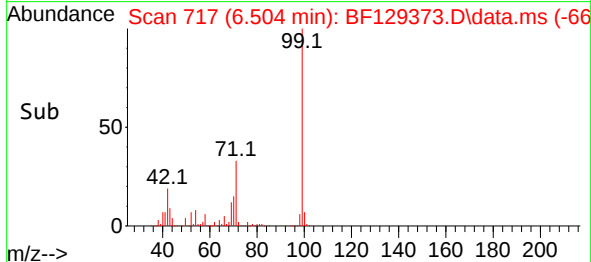
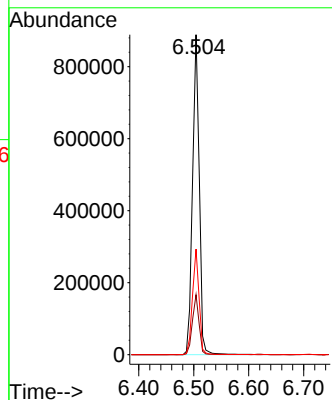
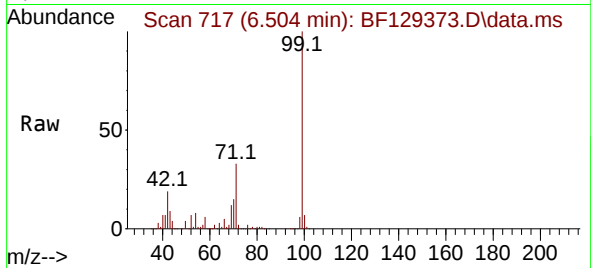




#7
Phenol-d6
Concen: 37.095 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

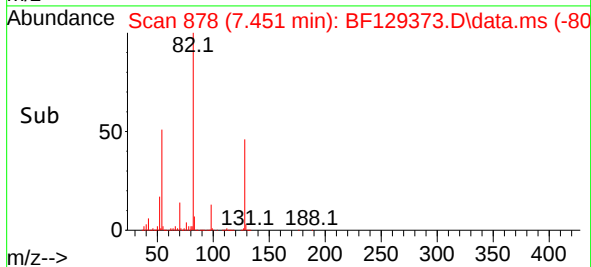
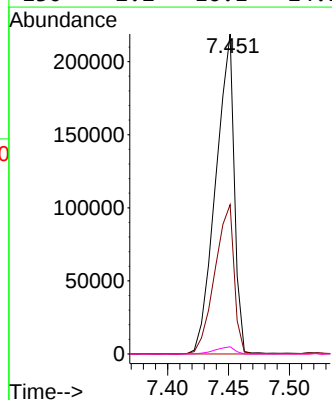
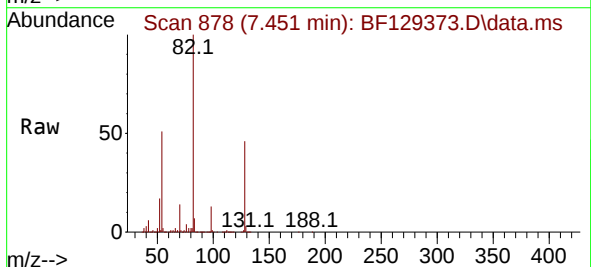
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

Tgt Ion: 99 Resp: 750472
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 33.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.949 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.153 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 70 Resp: 232084
Ion Ratio Lower Upper
70 100
42 46.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

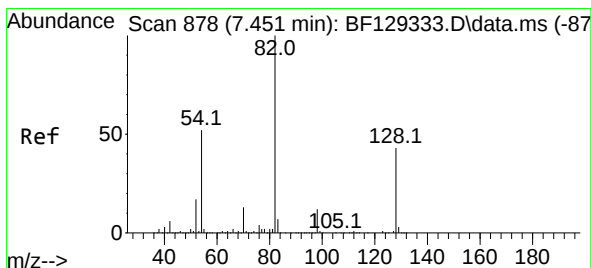
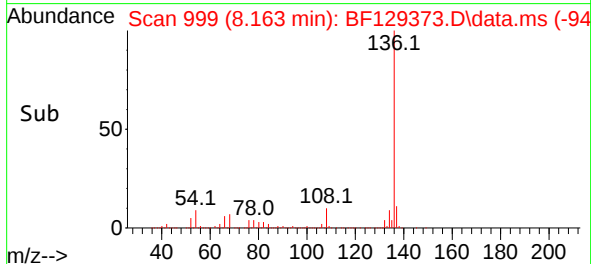
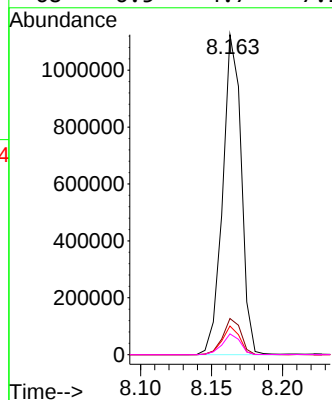
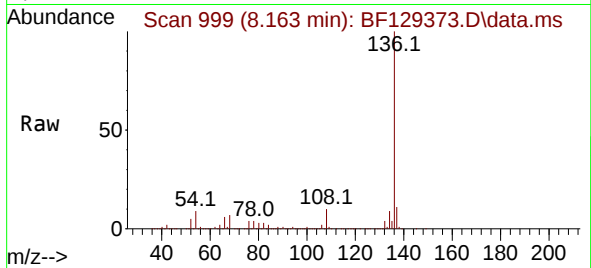




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

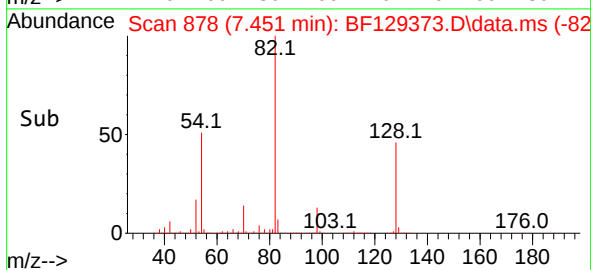
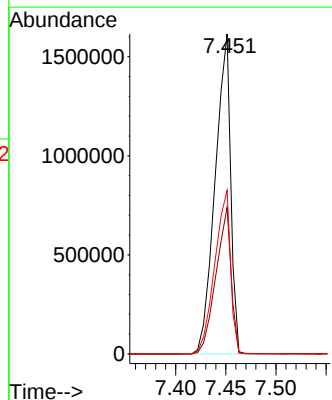
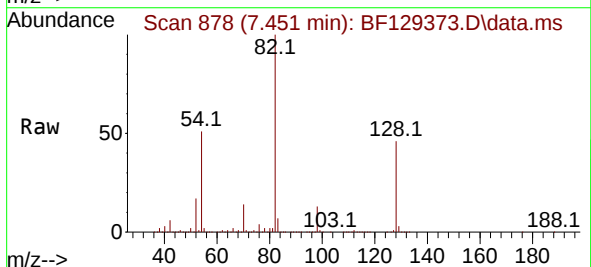
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

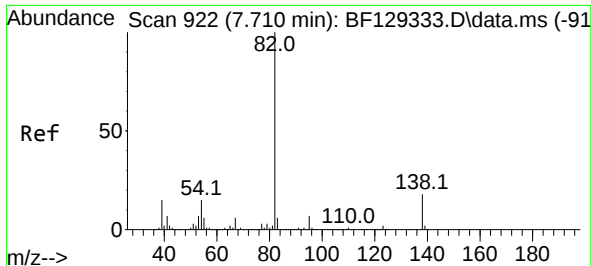
Tgt Ion:136 Resp: 1020584
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.0 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 93.213 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

Tgt Ion: 82 Resp: 1742708
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 51.1 46.9 70.3

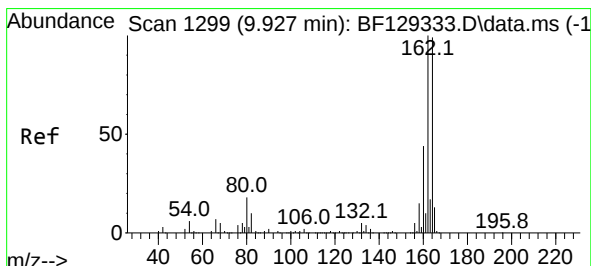
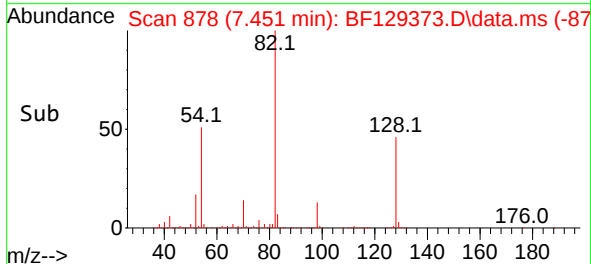
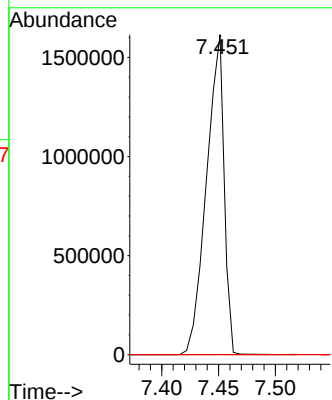
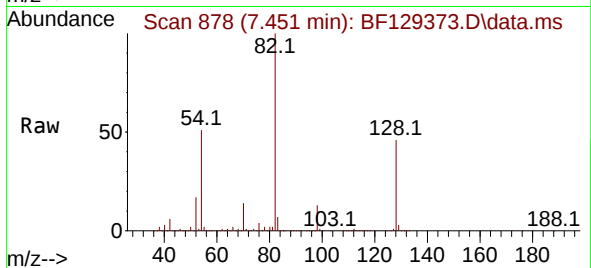




#25
Isophorone
Concen: 51.825 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

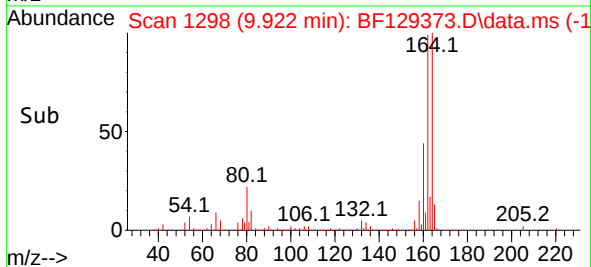
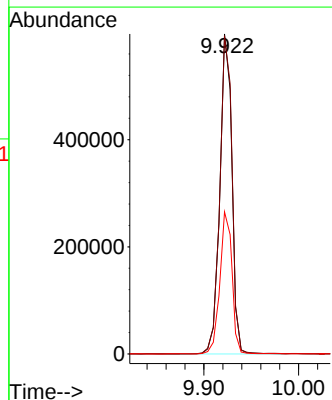
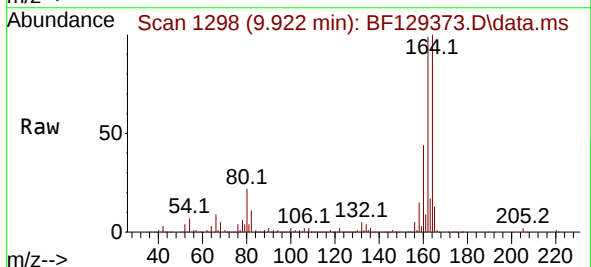
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

Tgt Ion: 82 Resp: 1736774
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: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

Tgt Ion:164 Resp: 528217
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 137.186 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129373.D

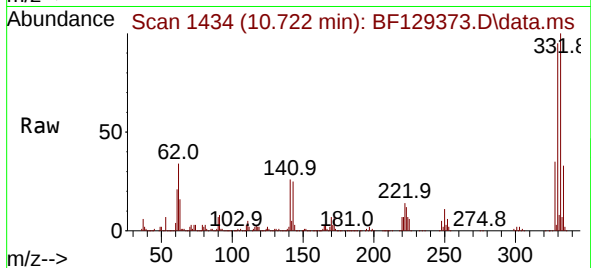
Acq: 27 Jul 2022 13:07

Instrument :

BNA_F

ClientSampleId :

INTERCEPTOR-TRENCH



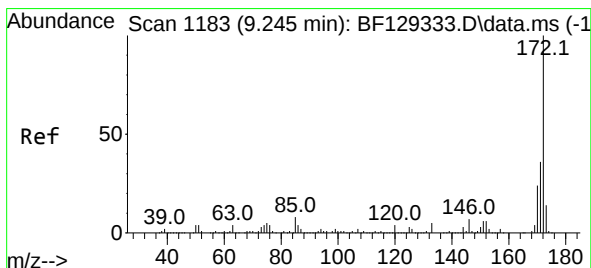
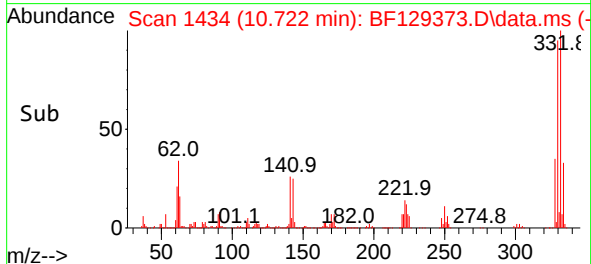
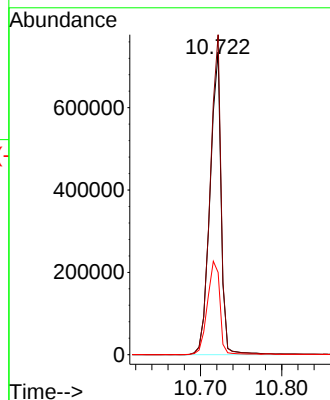
Tgt Ion:330 Resp: 696685

Ion Ratio Lower Upper

330 100

332 104.3 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.942 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129373.D

Acq: 27 Jul 2022 13:07

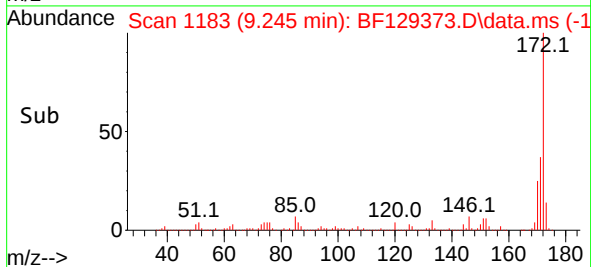
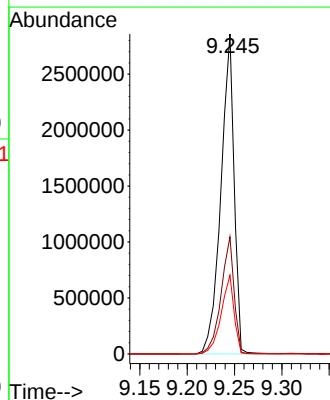
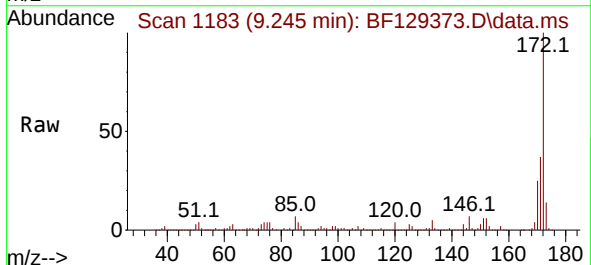
Tgt Ion:172 Resp: 2797972

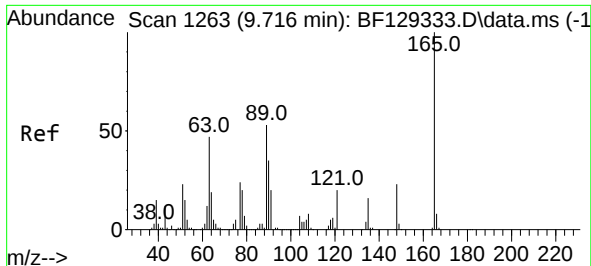
Ion Ratio Lower Upper

172 100

171 36.6 28.8 43.2

170 24.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.559 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129373.D

Acq: 27 Jul 2022 13:07

Instrument :

BNA_F

ClientSampleId :

INTERCEPTOR-TRENCH

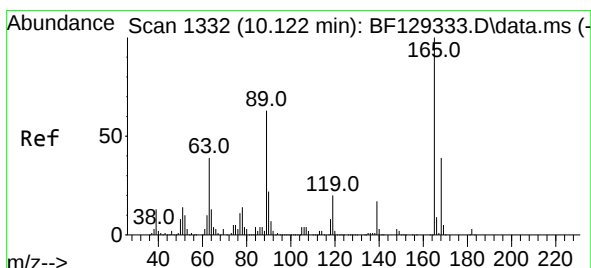
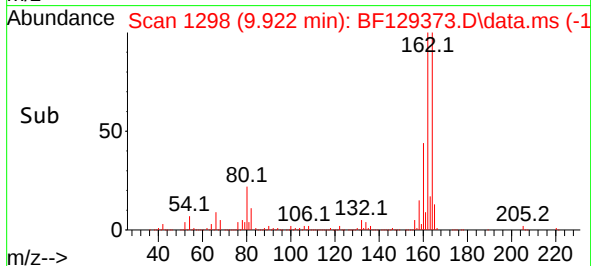
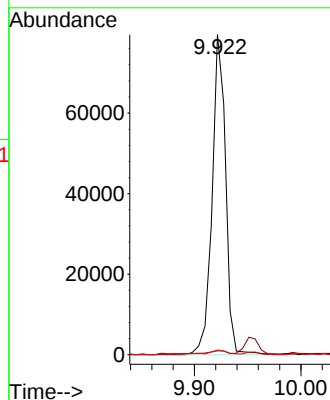
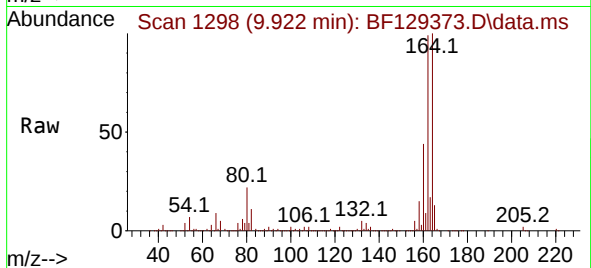
Tgt Ion:165 Resp: 69858

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.552 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129373.D

Acq: 27 Jul 2022 13:07

Tgt Ion:165 Resp: 69858

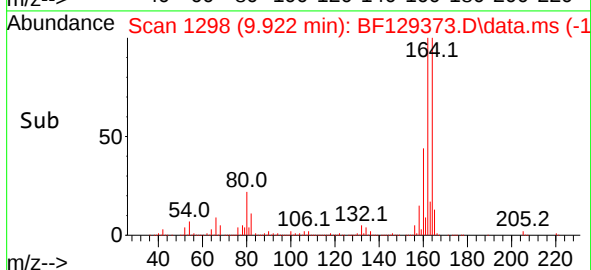
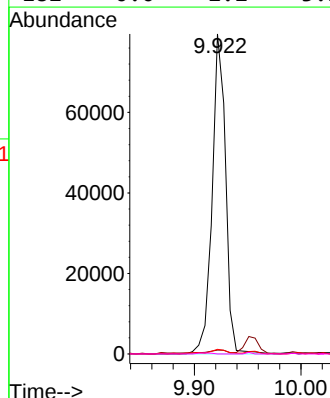
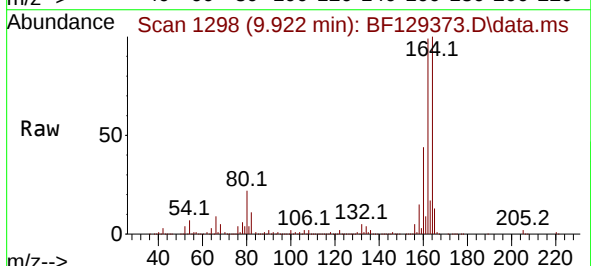
Ion Ratio Lower Upper

165 100

63 1.2 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

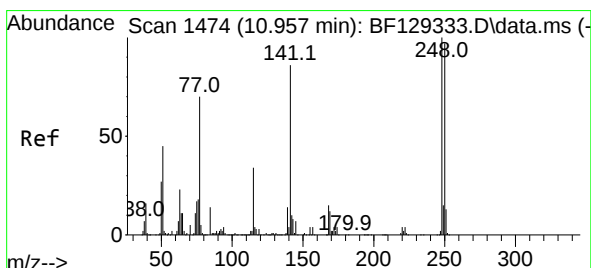
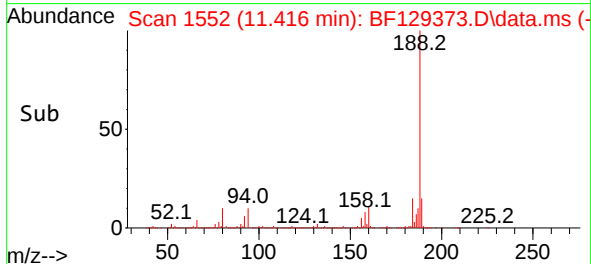
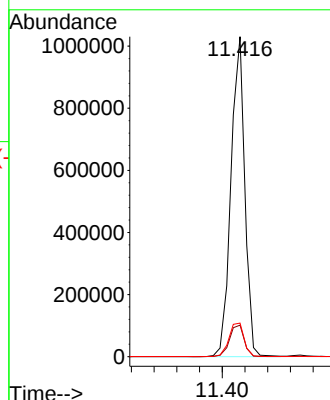
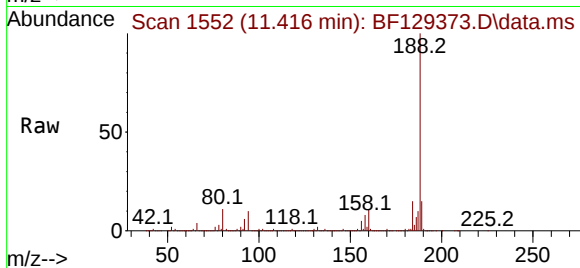




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

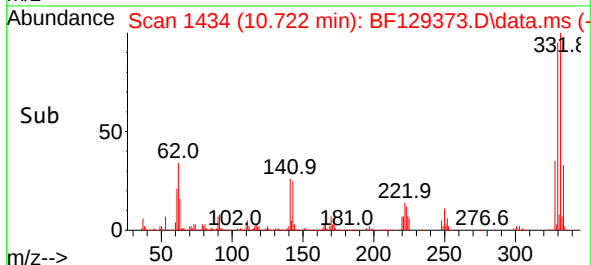
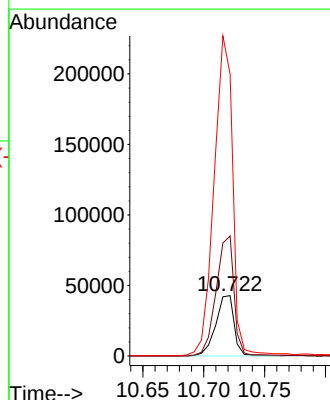
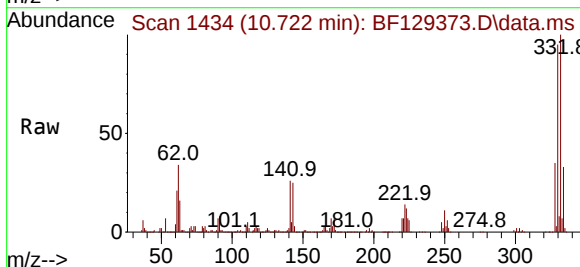
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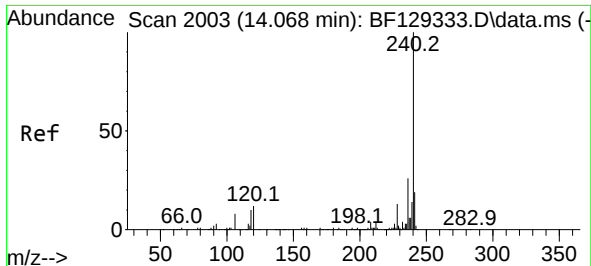
Tgt Ion:188 Resp: 871675
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.5 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.723 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

Tgt Ion:248 Resp: 45078
Ion Ratio Lower Upper
248 100
250 199.2 80.6 120.8#
141 467.6 58.9 88.3#

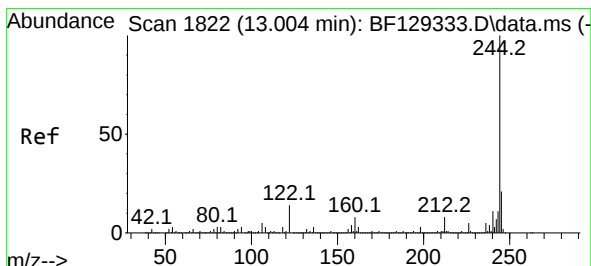
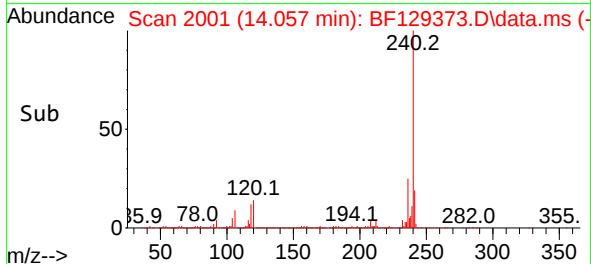
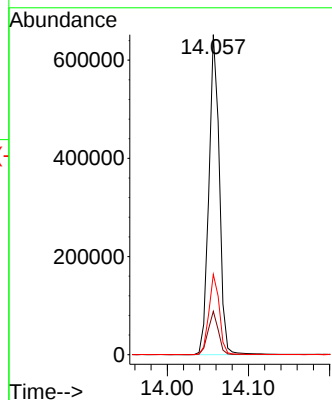
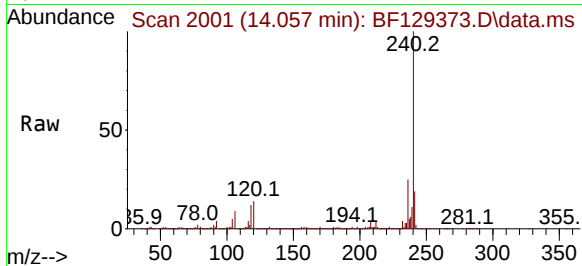




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

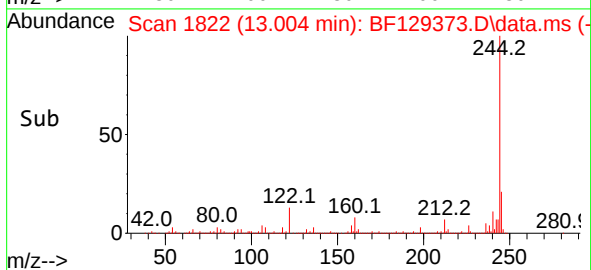
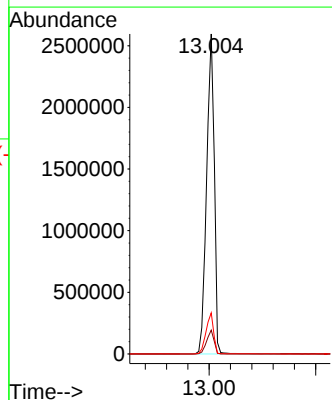
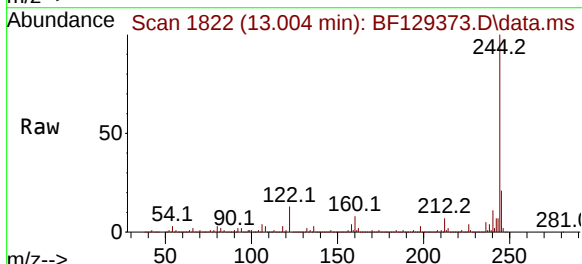
Instrument :
BNA_F
ClientSampleId :
INTERCEPTOR-TRENCH

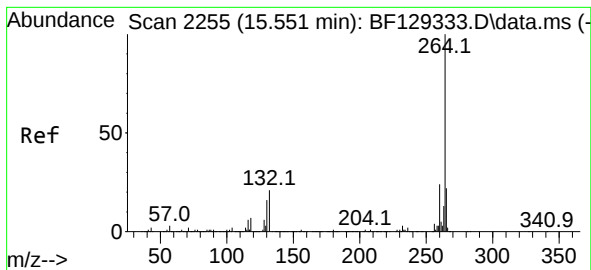
Tgt Ion:240 Resp: 582202
Ion Ratio Lower Upper
240 100
120 13.5 8.9 13.3#
236 25.1 20.8 31.2



#79
Terphenyl-d14
Concen: 83.541 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129373.D
Acq: 27 Jul 2022 13:07

Tgt Ion:244 Resp: 2578088
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 12.8 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129373.D

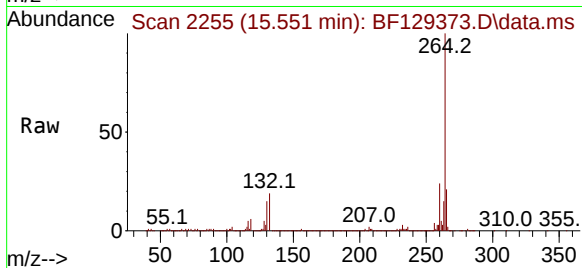
Acq: 27 Jul 2022 13:07

Instrument :

BNA_F

ClientSampleId :

INTERCEPTOR-TRENCH



Tgt Ion:264 Resp: 485294

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 20.9 17.2 25.8

