

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072722\
 Data File : BF129368.D
 Acq On : 27 Jul 2022 10:16
 Operator : CG\JU
 Sample : PB146469BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146469BL

Quant Time: Jul 28 01:29:43 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)

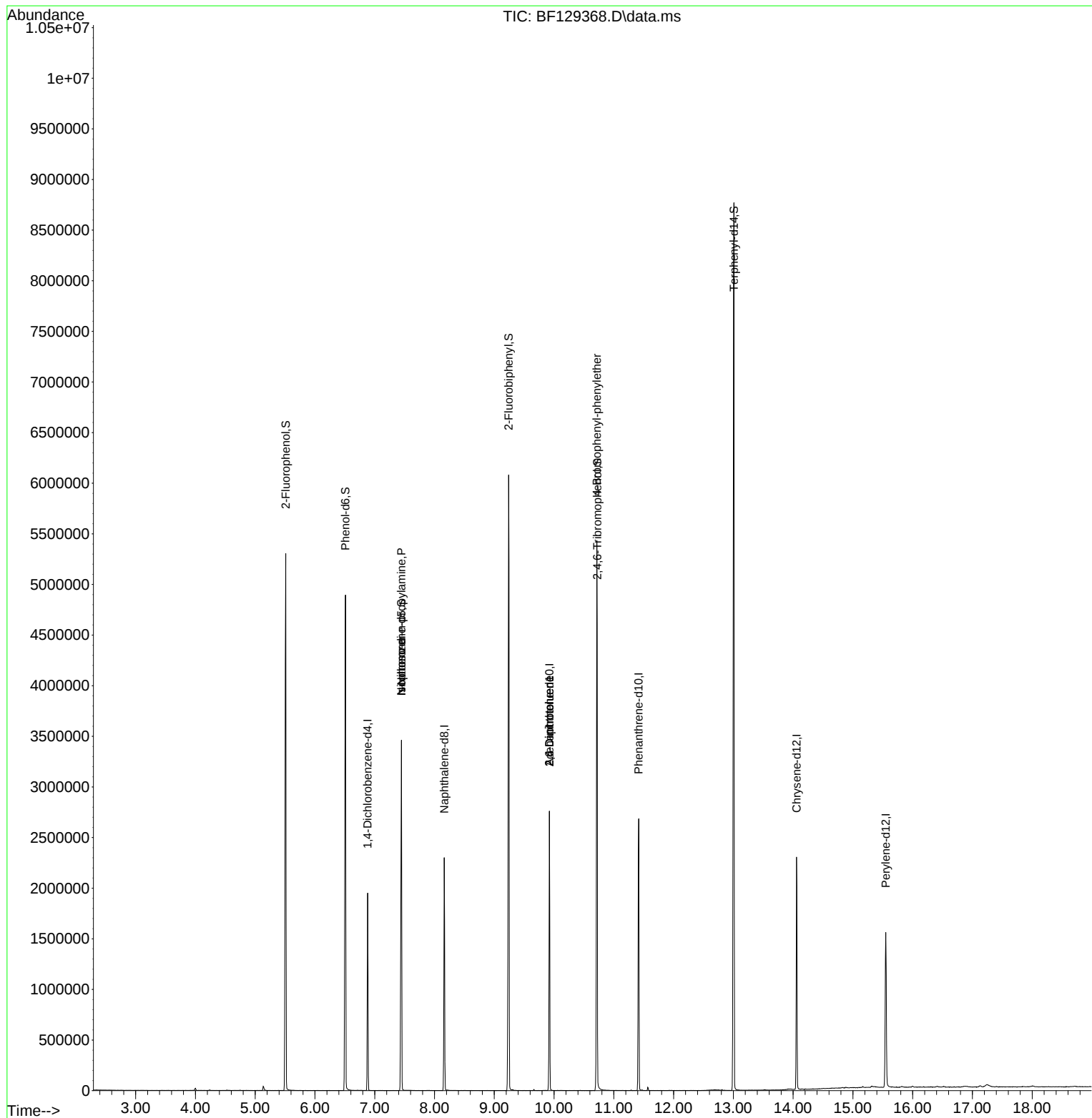
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	254893	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1005418	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	542418	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	955714	20.000	ng	0.00
76) Chrysene-d12	14.057	240	774751	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	697591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1437794	91.888	ng	0.01
7) Phenol-d6	6.510	99	1799338	91.487	ng	0.00
23) Nitrobenzene-d5	7.445	82	1156884	62.812	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	706795	135.533	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2074038	59.151	ng	0.00
79) Terphenyl-d14	13.010	244	3373421	82.145	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	151752	12.745	ng	# 75
25) Isophorone	7.445	82	1153944	34.953	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	70566	8.420	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	70566	6.445	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	45511	4.349	ng	# 1

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

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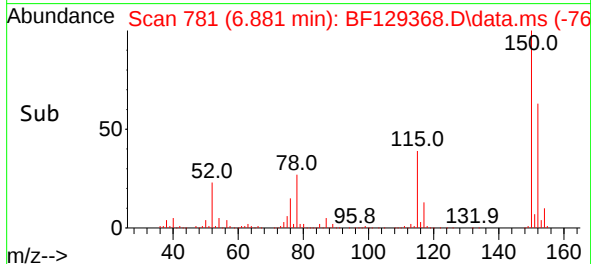
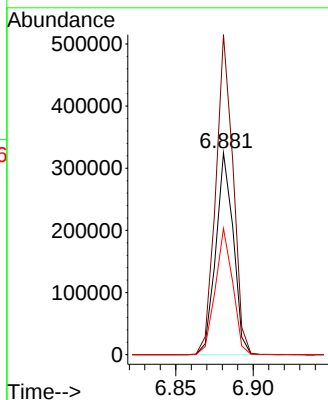
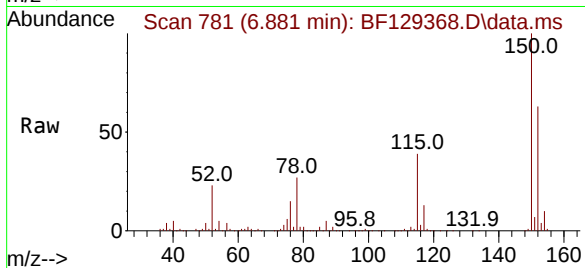




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129368.D
 Acq: 27 Jul 2022 10:16

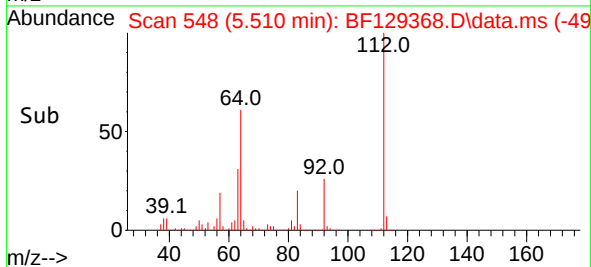
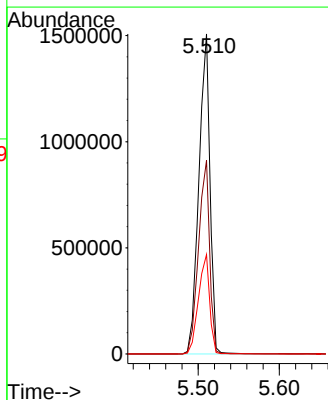
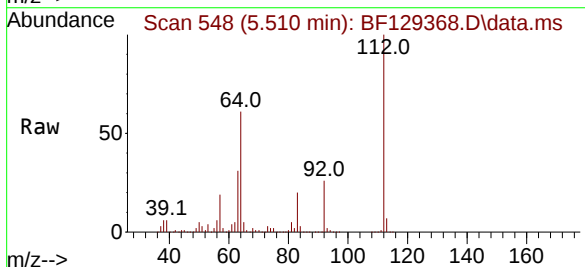
Instrument :
 BNA_F
 ClientSampleId :
 PB146469BL

Tgt Ion:152 Resp: 254893
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.7 185.5
 115 62.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 91.888 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129368.D
 Acq: 27 Jul 2022 10:16

Tgt Ion:112 Resp: 1437794
 Ion Ratio Lower Upper
 112 100
 64 60.5 53.3 79.9
 63 31.1 28.0 42.0

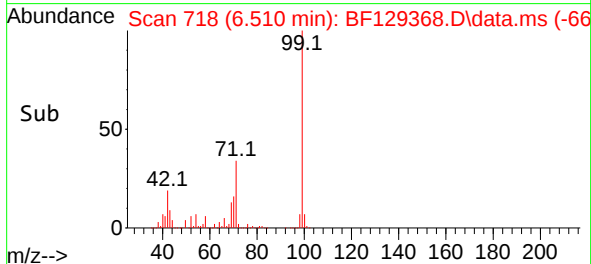
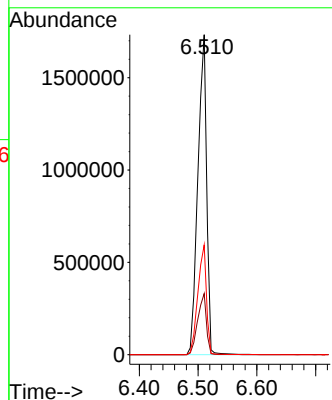
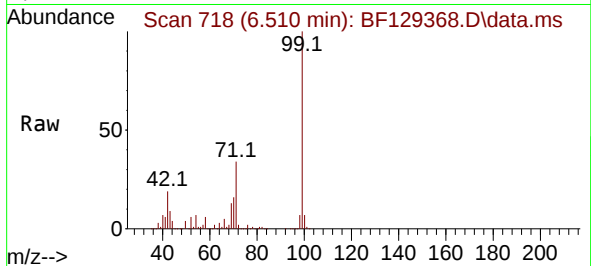




#7
Phenol-d6
Concen: 91.487 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

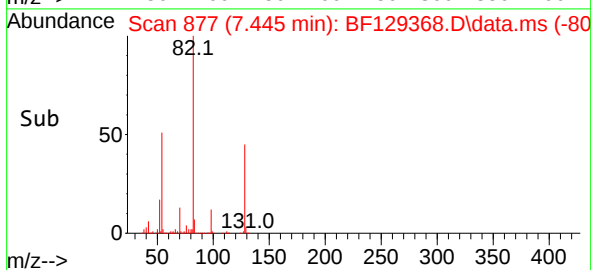
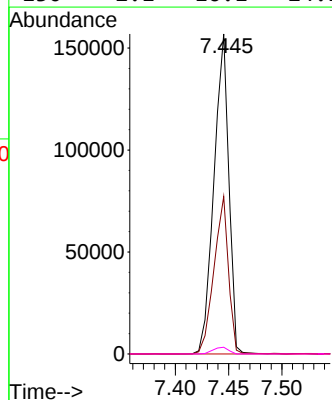
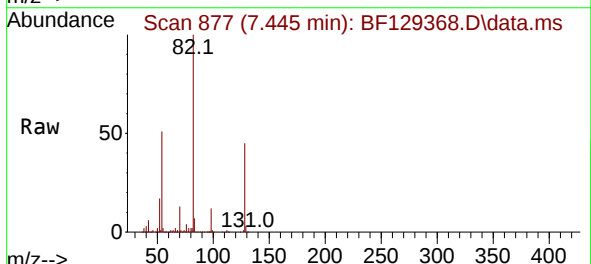
Instrument :
BNA_F
ClientSampleId :
PB146469BL

Tgt Ion: 99 Resp: 1799338
Ion Ratio Lower Upper
99 100
42 19.1 17.3 25.9
71 34.3 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.745 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

Tgt Ion: 70 Resp: 151752
Ion Ratio Lower Upper
70 100
42 49.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

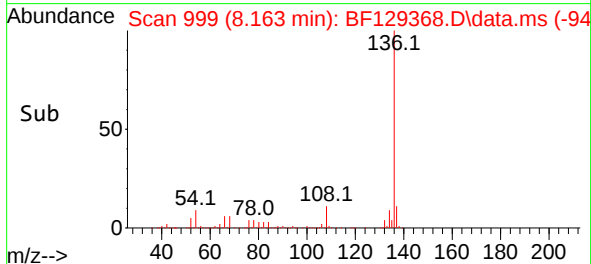
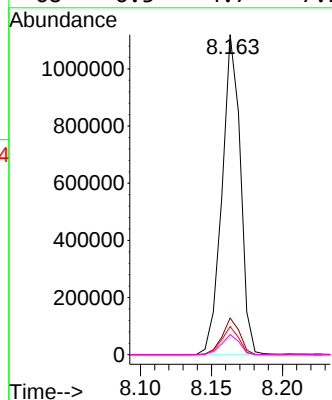
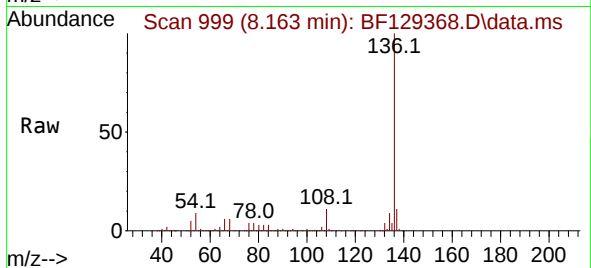




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

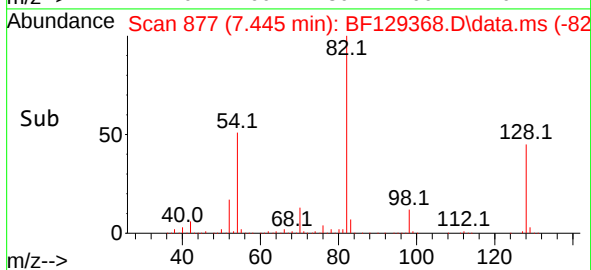
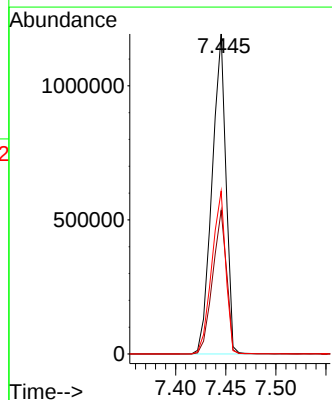
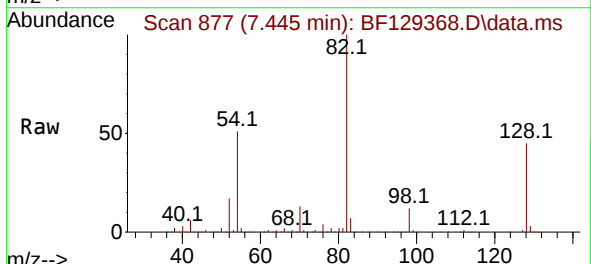
Instrument :
BNA_F
ClientSampleId :
PB146469BL

Tgt Ion:136 Resp: 1005418
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 8.8 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.812 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

Tgt Ion: 82 Resp: 1156884
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 50.9 46.9 70.3

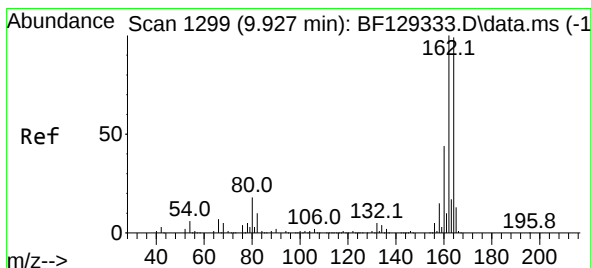
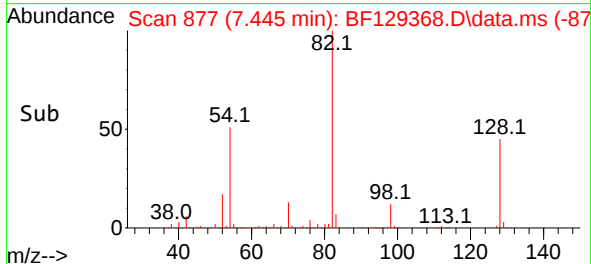
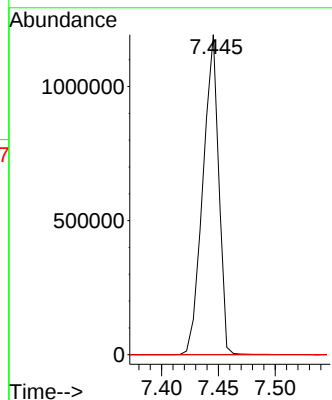
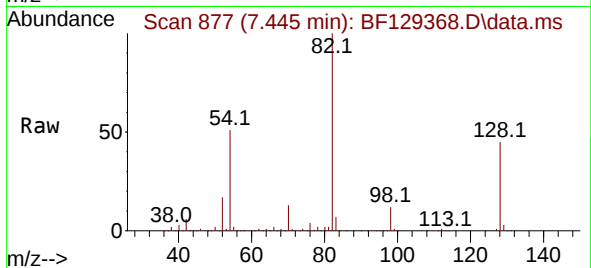




#25
Isophorone
Concen: 34.953 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

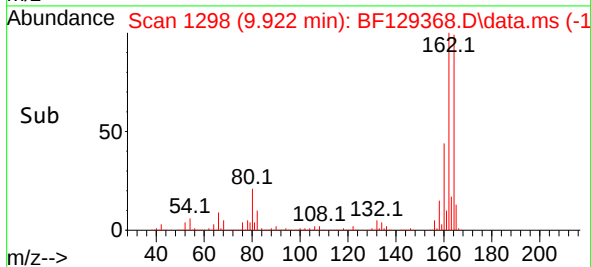
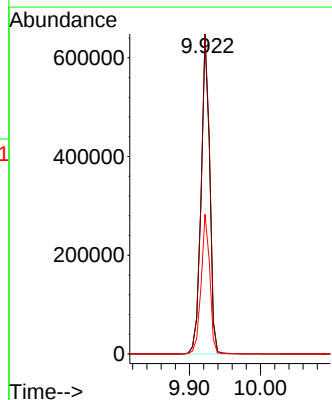
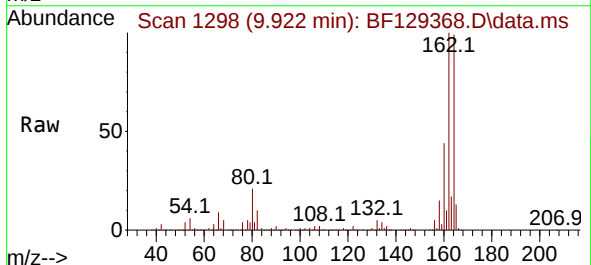
Instrument :
BNA_F
ClientSampleId :
PB146469BL

Tgt Ion: 82 Resp: 1153944
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: BF129368.D
Acq: 27 Jul 2022 10:16

Tgt Ion:164 Resp: 542418
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 135.533 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129368.D

Acq: 27 Jul 2022 10:16

Instrument :

BNA_F

ClientSampleId :

PB146469BL

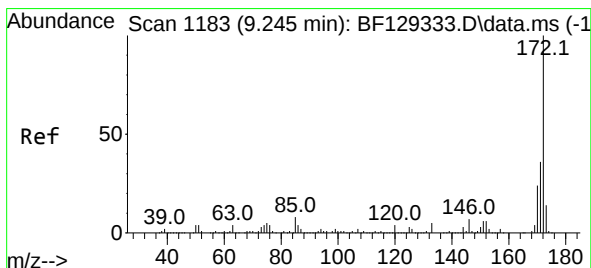
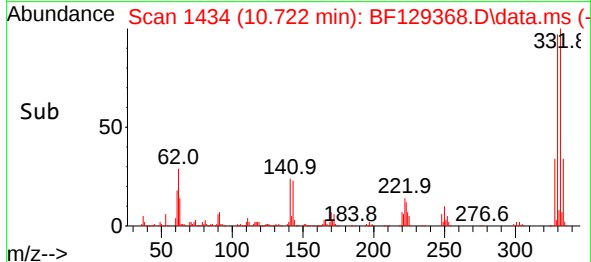
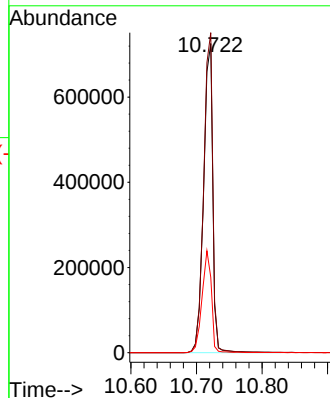
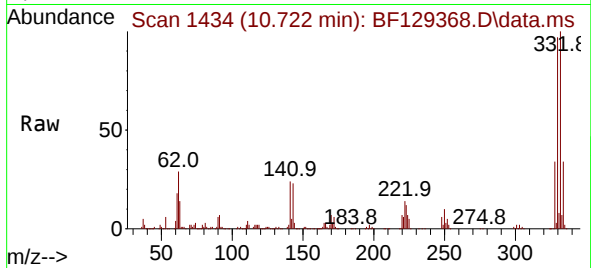
Tgt Ion:330 Resp: 706795

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 33.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 59.151 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129368.D

Acq: 27 Jul 2022 10:16

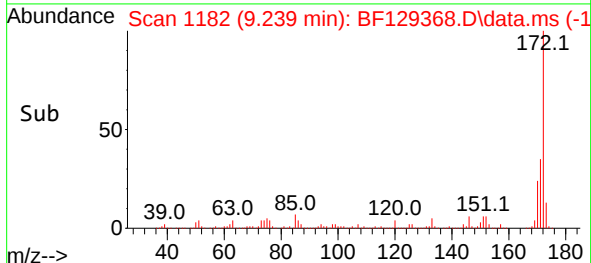
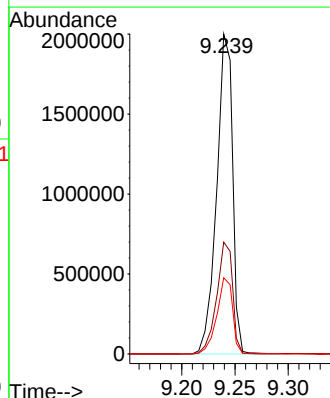
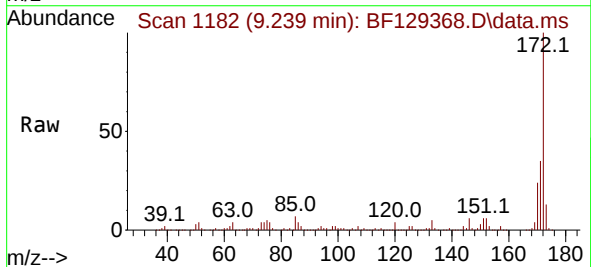
Tgt Ion:172 Resp: 2074038

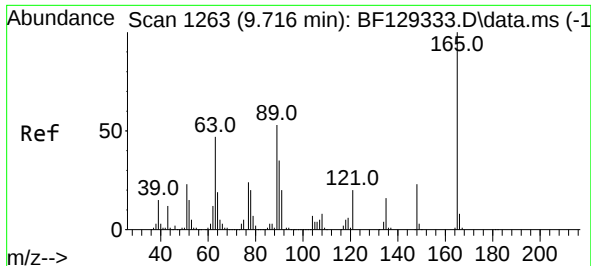
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.420 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.206 min

Lab File: BF129368.D

Acq: 27 Jul 2022 10:16

Instrument :

BNA_F

ClientSampleId :

PB146469BL

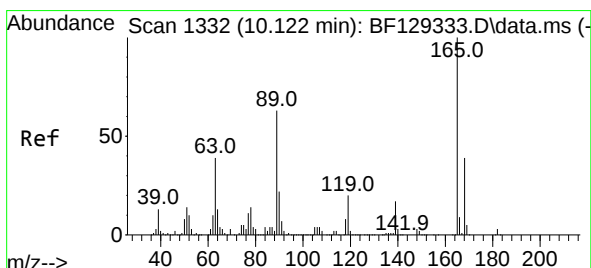
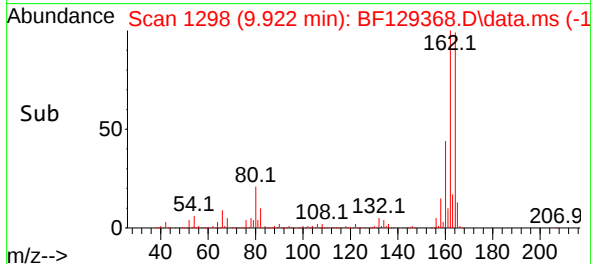
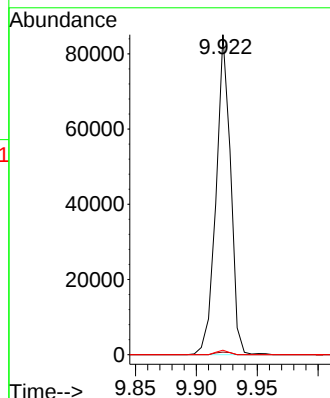
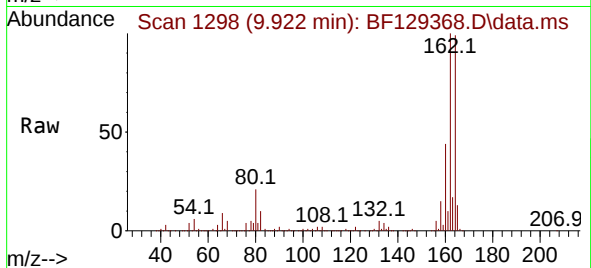
Tgt Ion:165 Resp: 70566

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.4 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.445 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.200 min

Lab File: BF129368.D

Acq: 27 Jul 2022 10:16

Tgt Ion:165 Resp: 70566

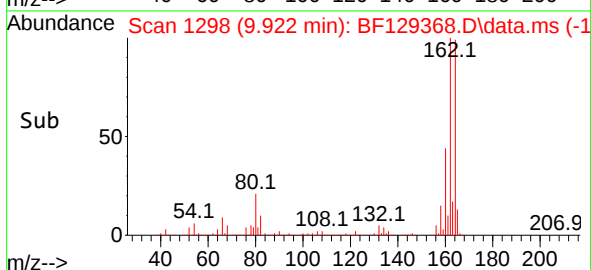
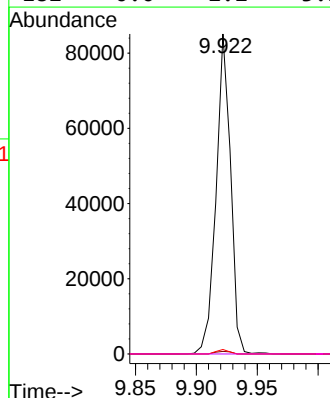
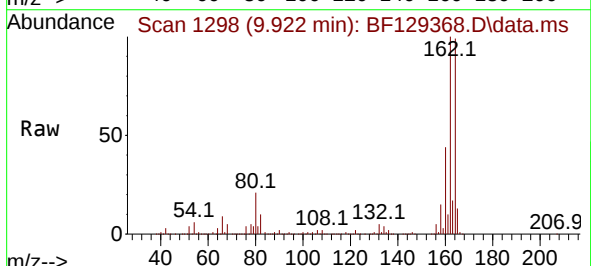
Ion Ratio Lower Upper

165 100

63 0.8 39.8 59.6#

89 1.4 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF129368.D

Acq: 27 Jul 2022 10:16

Instrument :

BNA_F

ClientSampleId :

PB146469BL

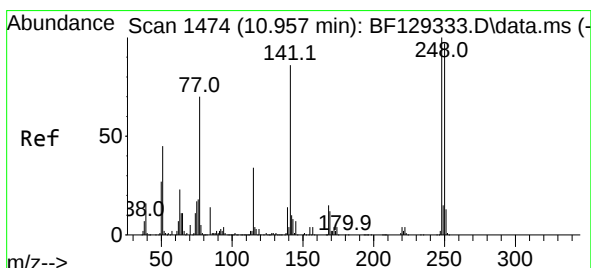
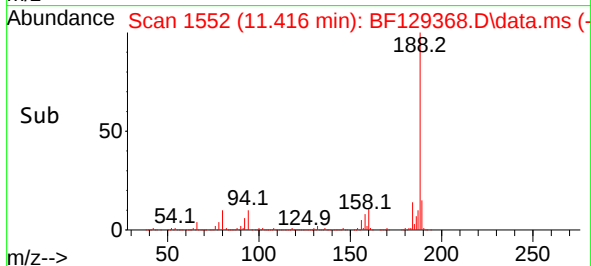
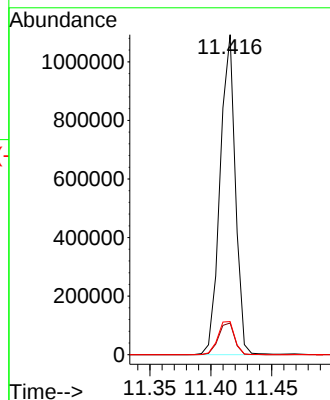
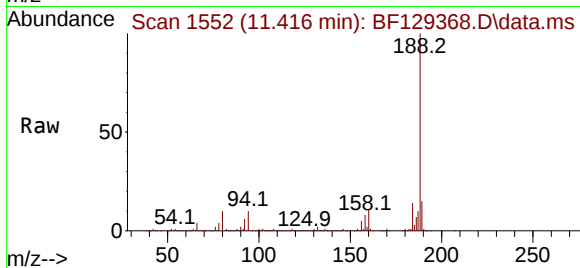
Tgt Ion:188 Resp: 955714

Ion Ratio Lower Upper

188 100

94 9.9 7.0 10.6

80 10.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.349 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF129368.D

Acq: 27 Jul 2022 10:16

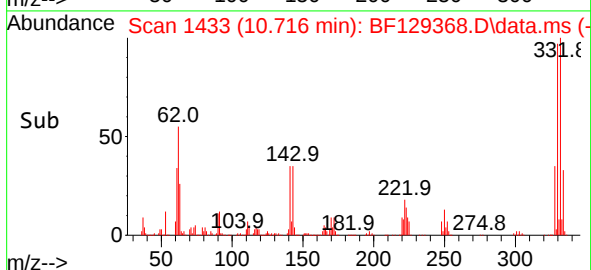
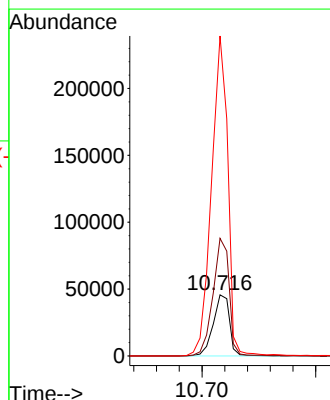
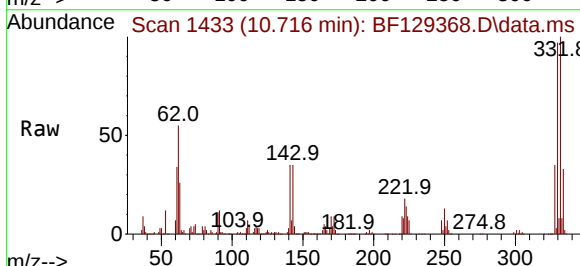
Tgt Ion:248 Resp: 45511

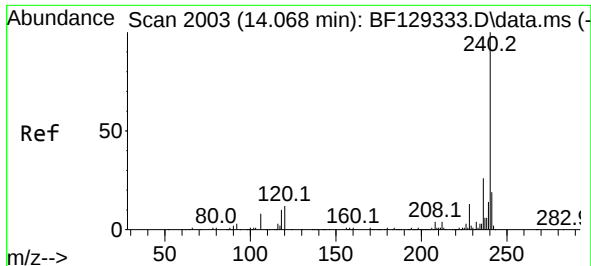
Ion Ratio Lower Upper

248 100

250 192.4 80.6 120.8#

141 523.3 58.9 88.3#

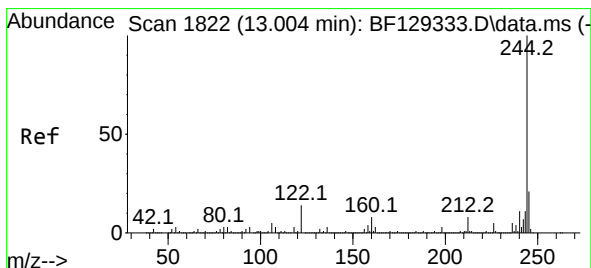
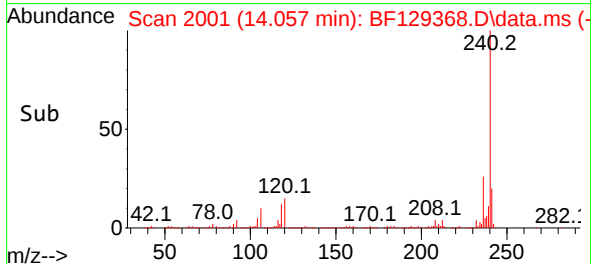
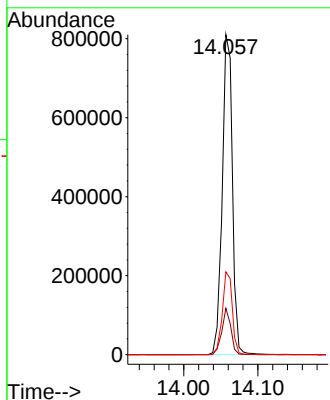
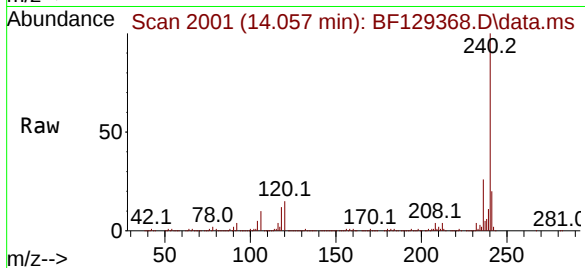




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

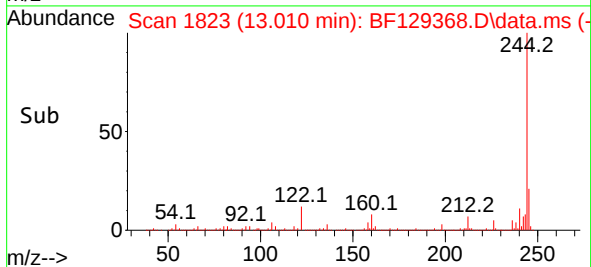
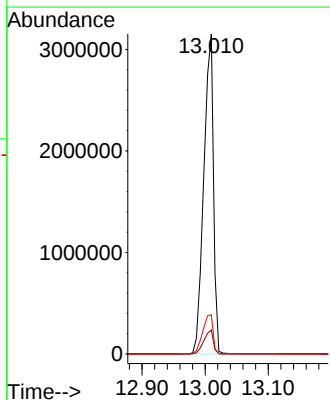
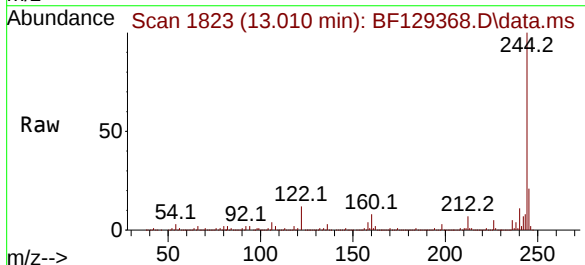
Instrument :
BNA_F
ClientSampleId :
PB146469BL

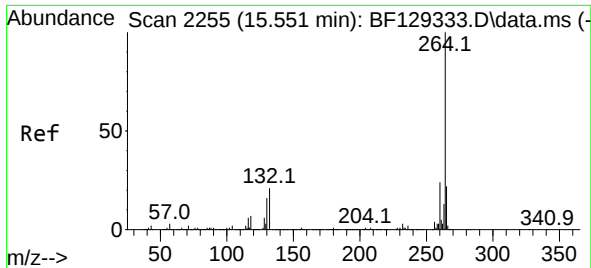
Tgt Ion:240 Resp: 774751
Ion Ratio Lower Upper
240 100
120 14.5 8.9 13.3#
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 82.145 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.006 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

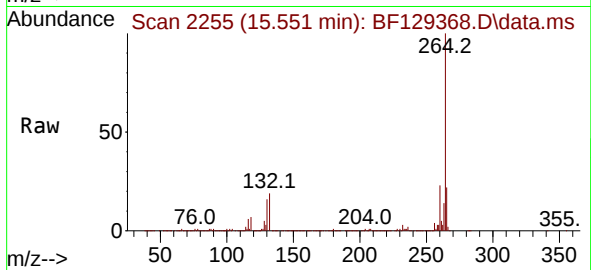
Tgt Ion:244 Resp: 3373421
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 12.3 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF129368.D
Acq: 27 Jul 2022 10:16

Instrument :
BNA_F
ClientSampleId :
PB146469BL



Tgt Ion:264 Resp: 697591

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.2	17.2	25.8

