

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072522\
 Data File : BF129338.D
 Acq On : 25 Jul 2022 18:24
 Operator : CG\JU
 Sample : PB146401BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146401BL

Quant Time: Jul 26 03:10:34 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)

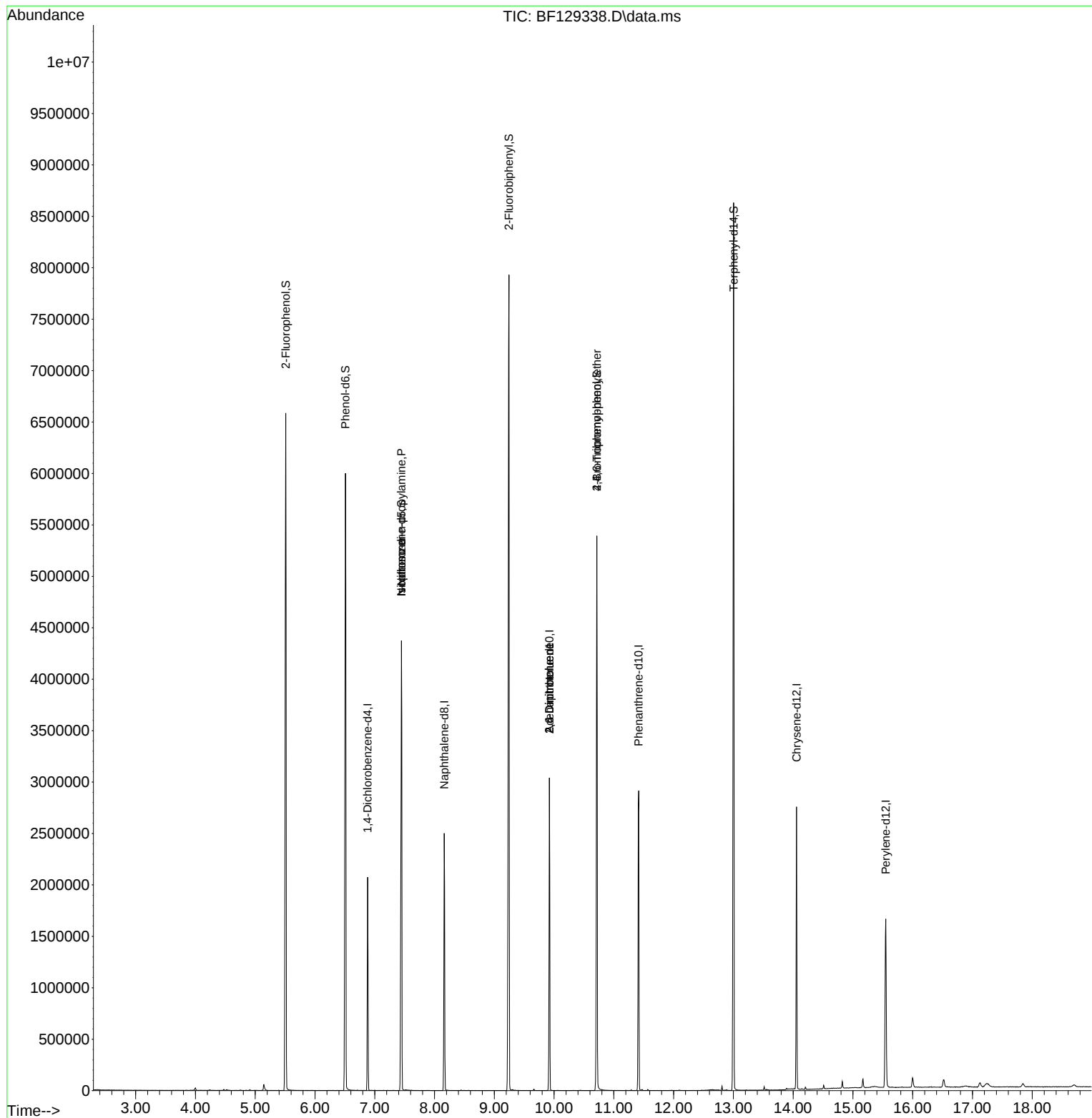
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	272878	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1134040	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	610048	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	1057393	20.000	ng	0.00
76) Chrysene-d12	14.057	240	831449	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	707101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1977992	118.080	ng	0.01
7) Phenol-d6	6.510	99	2502996	118.877	ng	0.00
23) Nitrobenzene-d5	7.445	82	1644575	79.164	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	674667	115.030	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2769483	70.228	ng	0.00
79) Terphenyl-d14	13.004	244	3093996	70.204	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	216322	16.971	ng	# 77
25) Isophorone	7.445	82	1641015	44.068	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	78718	8.351	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	78718	6.393	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	42932	3.708	ng	# 1

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

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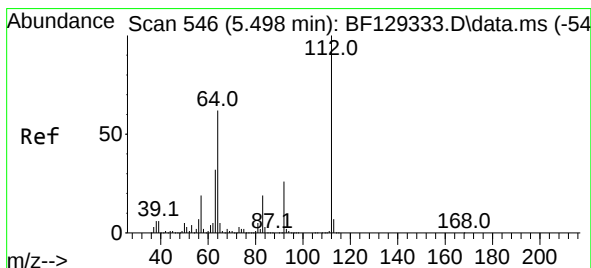
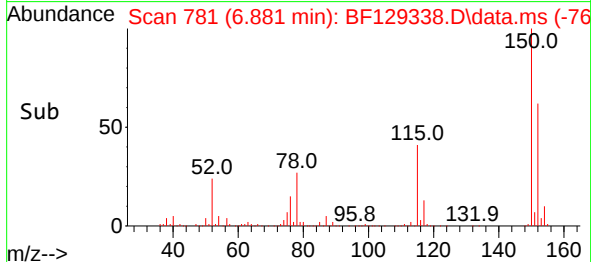
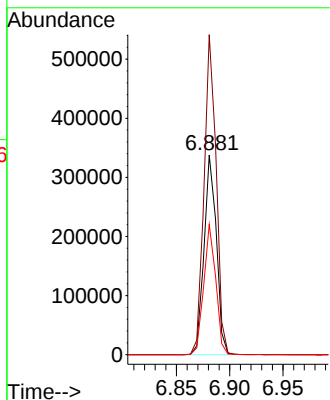
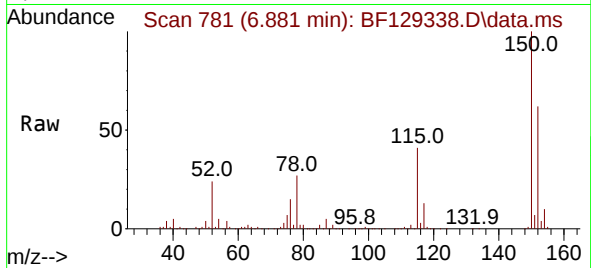




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129338.D
 Acq: 25 Jul 2022 18:24

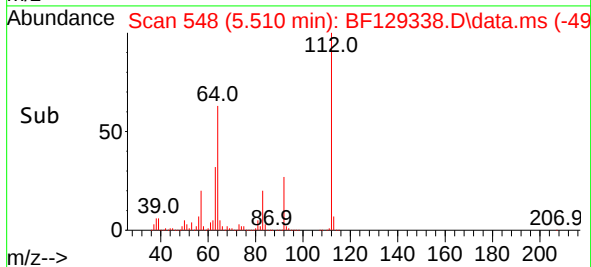
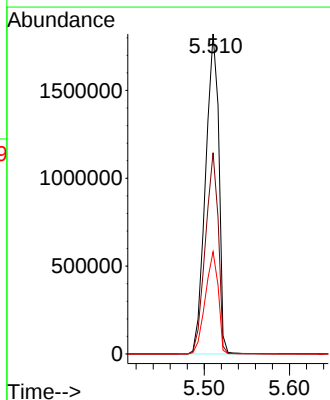
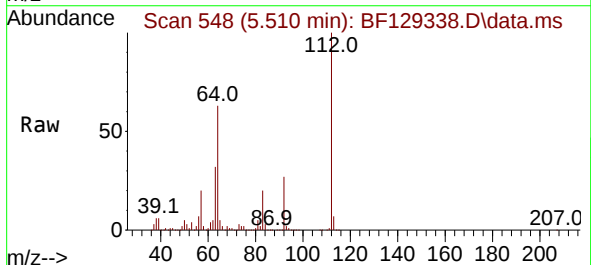
Instrument :
 BNA_F
 ClientSampleId :
 PB146401BL

Tgt Ion:152 Resp: 272878
 Ion Ratio Lower Upper
 152 100
 150 160.3 123.7 185.5
 115 65.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 118.080 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.012 min
 Lab File: BF129338.D
 Acq: 25 Jul 2022 18:24

Tgt Ion:112 Resp: 1977992
 Ion Ratio Lower Upper
 112 100
 64 62.9 53.3 79.9
 63 31.9 28.0 42.0



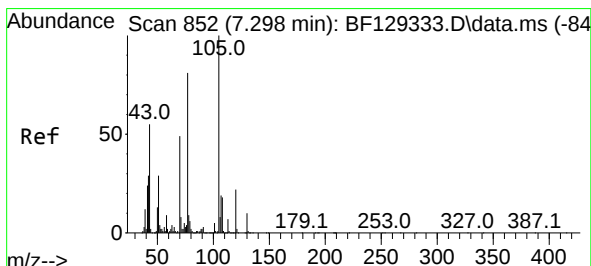
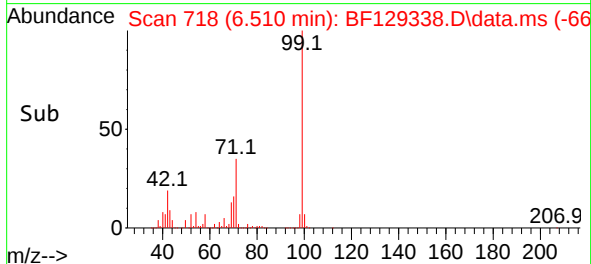
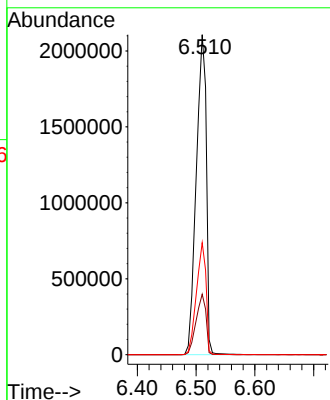
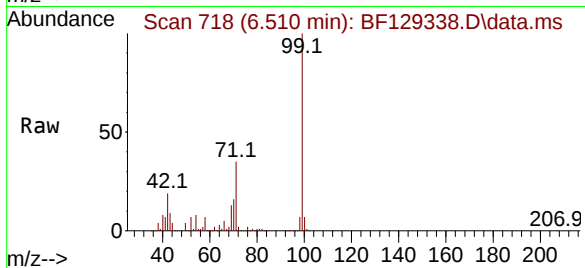


#7
Phenol-d6
Concen: 118.877 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

Instrument :
BNA_F
ClientSampleId :
PB146401BL

Tgt Ion: 99 Resp: 2502996

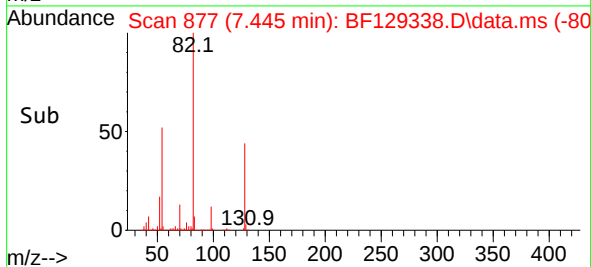
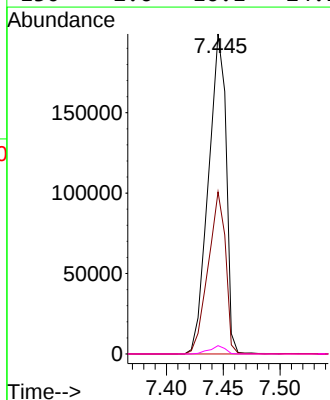
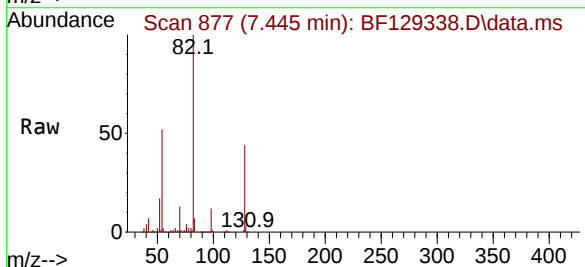
Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.3	25.9
71	35.0	28.9	43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.971 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

Tgt Ion: 70 Resp: 216322

Ion	Ratio	Lower	Upper
70	100		
42	50.7	52.3	78.5#
101	0.0	7.5	11.3#
130	2.6	16.1	24.1#

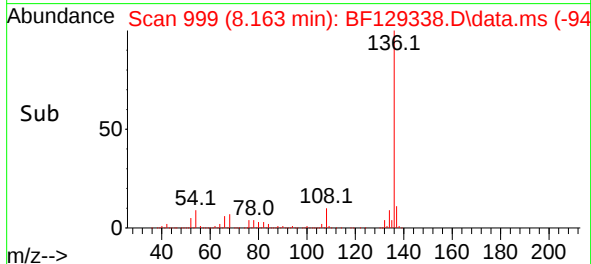
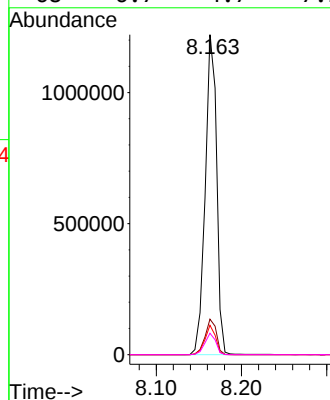
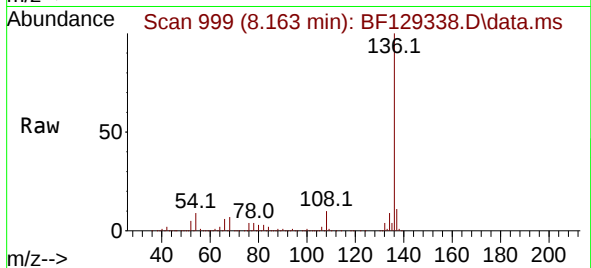




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

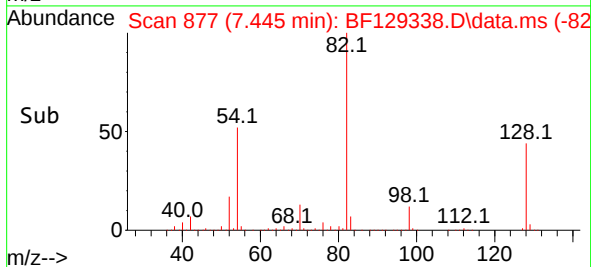
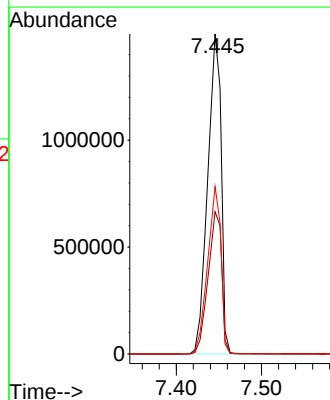
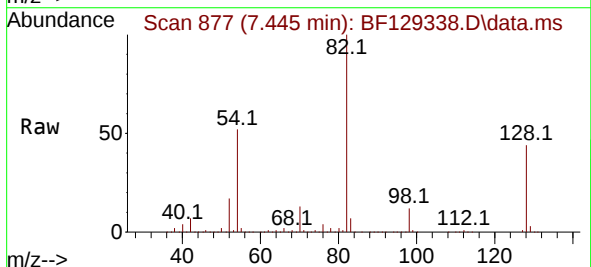
Instrument :
BNA_F
ClientSampleId :
PB146401BL

Tgt Ion:136 Resp: 1134040
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.2 7.5 11.3
68 6.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 79.164 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

Tgt Ion: 82 Resp: 1644575
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 52.3 46.9 70.3

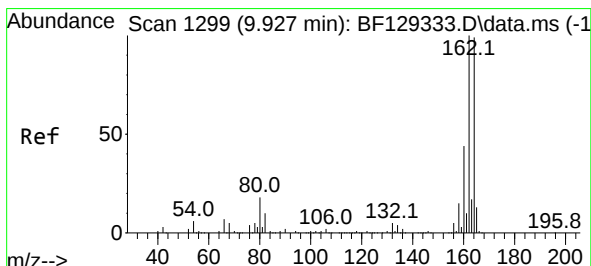
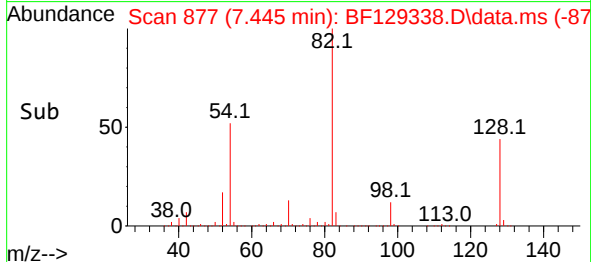
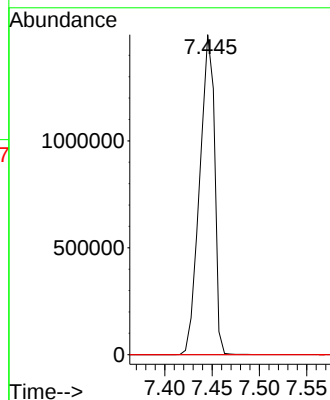
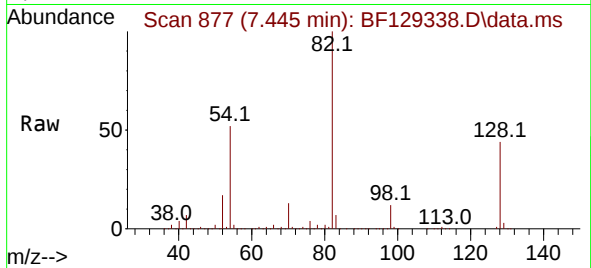




#25
Isophorone
Concen: 44.068 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

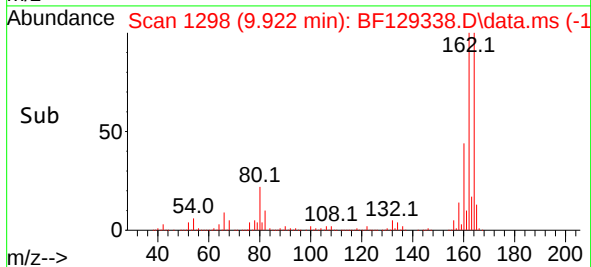
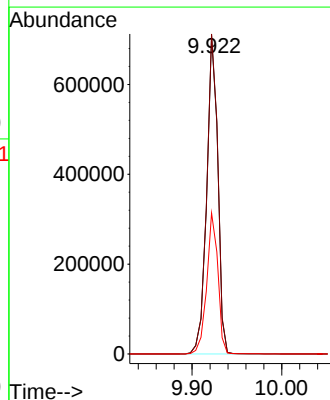
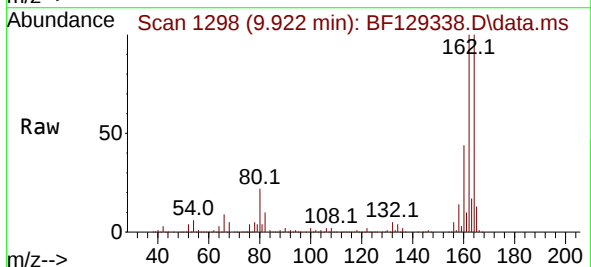
Instrument :
BNA_F
ClientSampleId :
PB146401BL

Tgt Ion: 82 Resp: 1641015
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: BF129338.D
Acq: 25 Jul 2022 18:24

Tgt Ion:164 Resp: 610048
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 115.030 ng

RT: 10.716 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129338.D

Acq: 25 Jul 2022 18:24

Instrument :

BNA_F

ClientSampleId :

PB146401BL

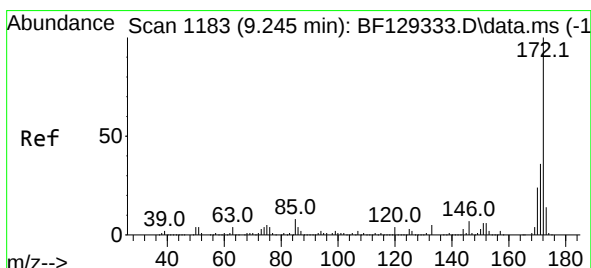
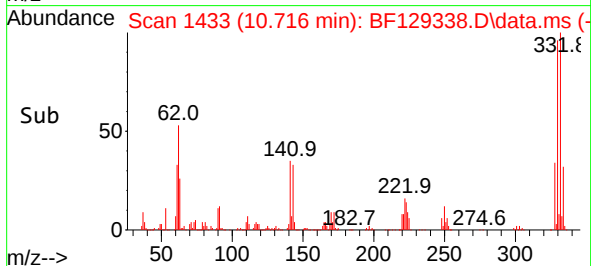
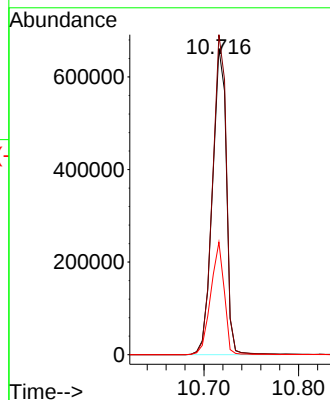
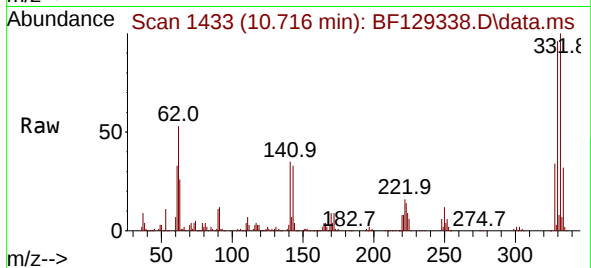
Tgt Ion:330 Resp: 674667

Ion Ratio Lower Upper

330 100

332 104.0 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 70.228 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129338.D

Acq: 25 Jul 2022 18:24

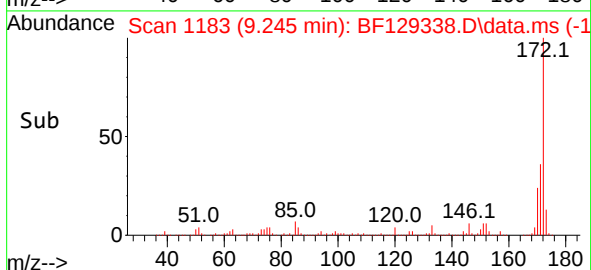
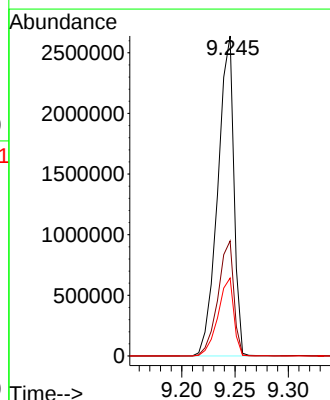
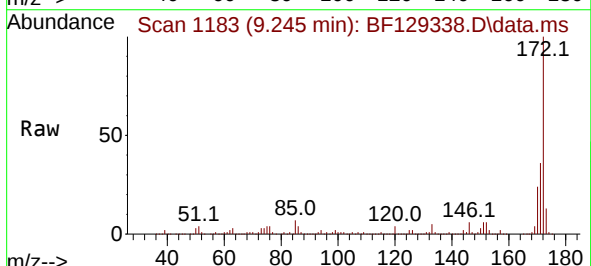
Tgt Ion:172 Resp: 2769483

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.4 19.8 29.8

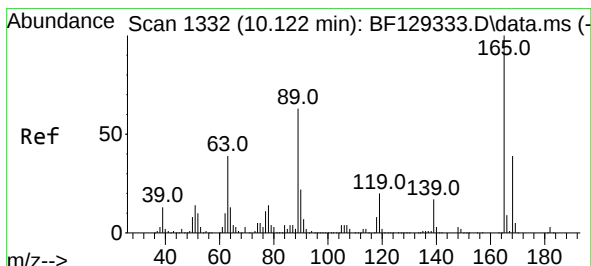
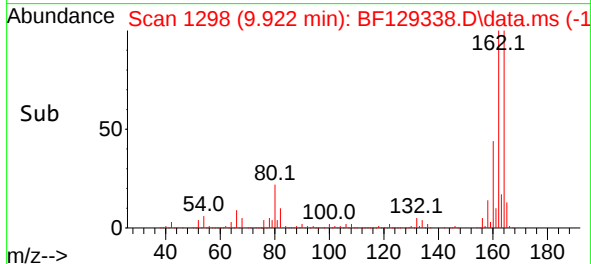
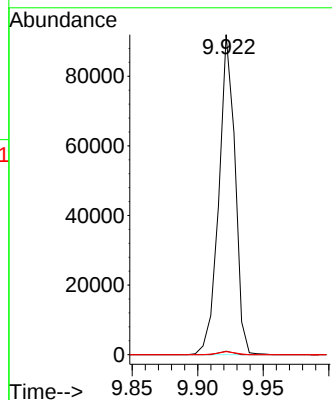
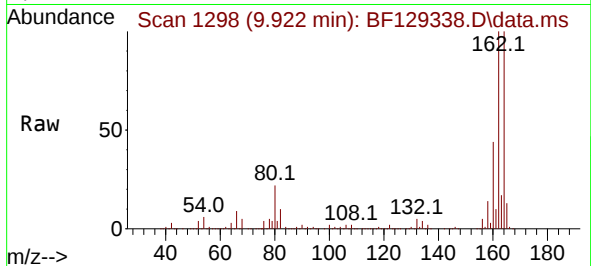




#51
2,6-Dinitrotoluene
Concen: 8.351 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

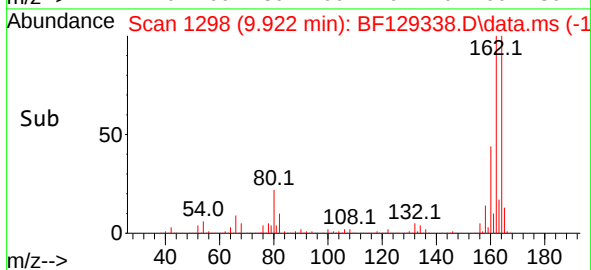
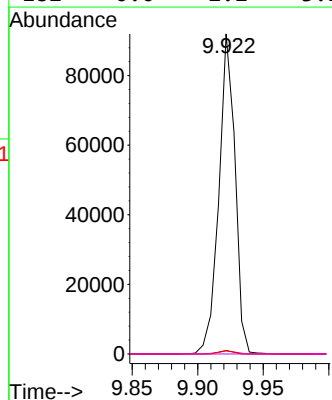
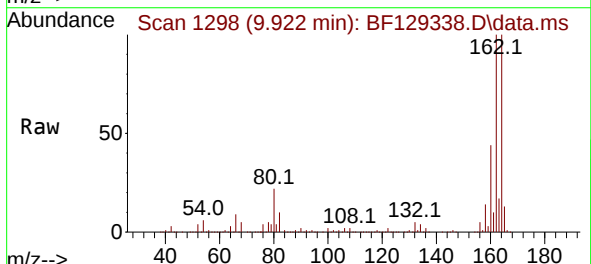
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ClientSampleId :
PB146401BL

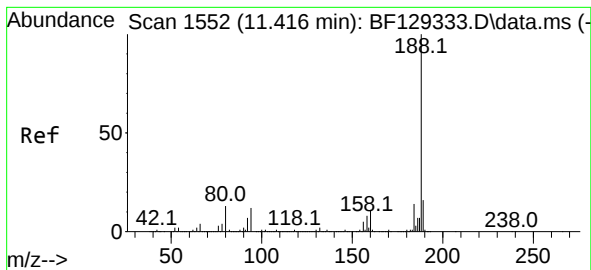
Tgt Ion:165 Resp: 78718
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.0 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.393 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

Tgt Ion:165 Resp: 78718
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#

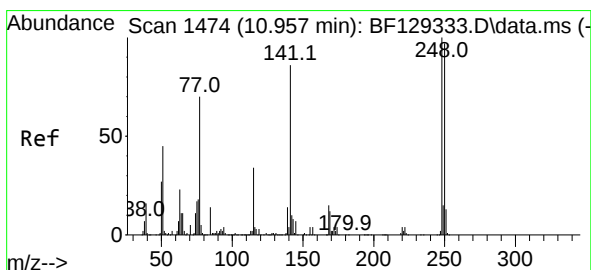
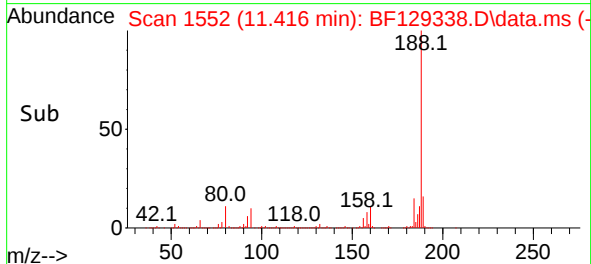
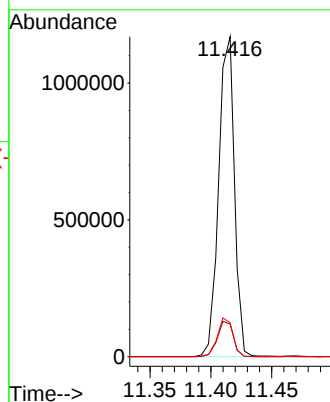
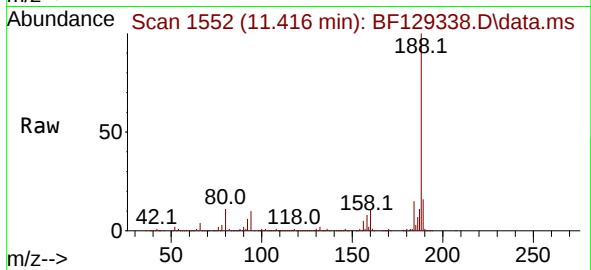




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

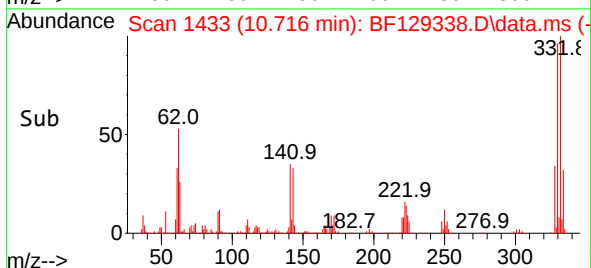
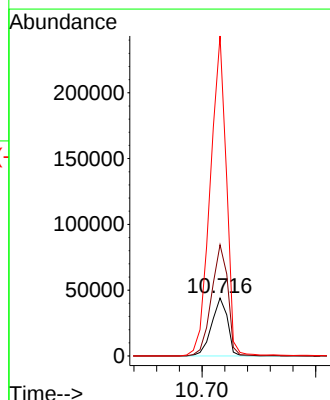
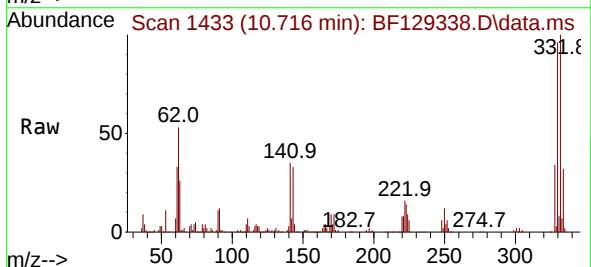
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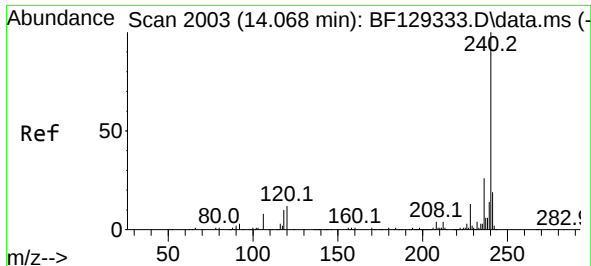
Tgt Ion:188 Resp: 1057393
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

Tgt Ion:248 Resp: 42932
Ion Ratio Lower Upper
248 100
250 191.8 80.6 120.8#
141 551.8 58.9 88.3#

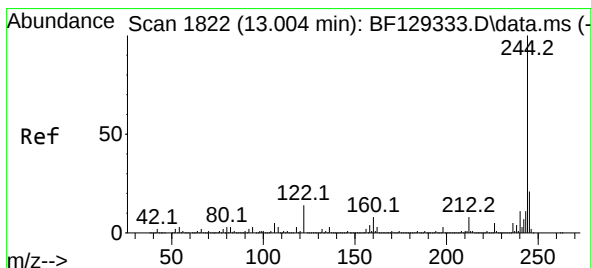
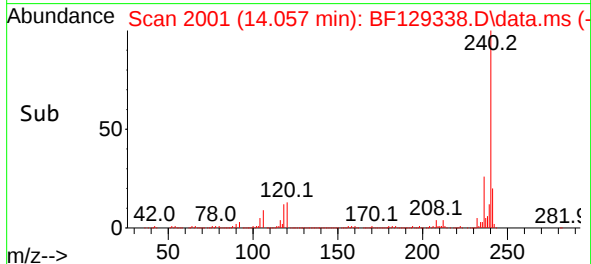
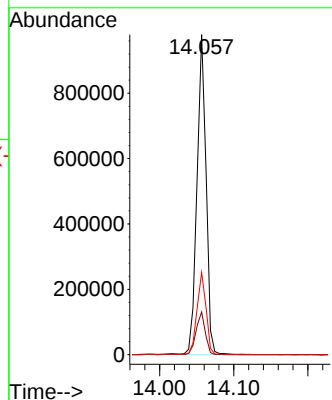
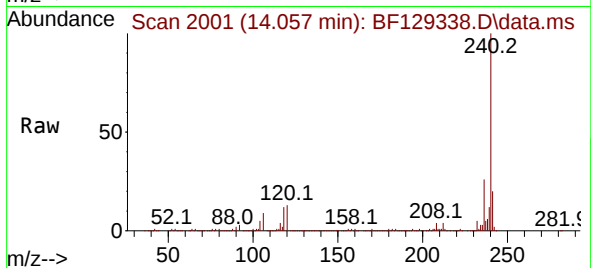




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

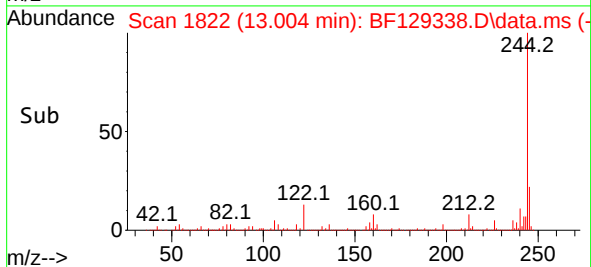
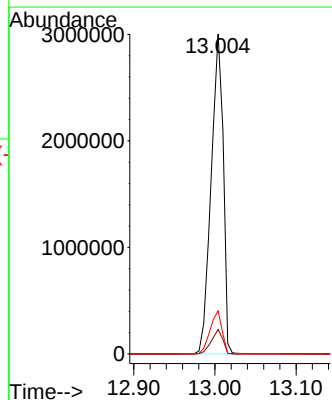
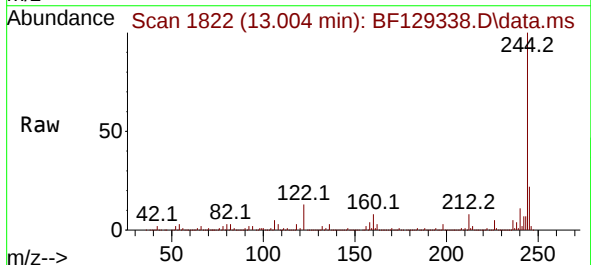
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BNA_F
ClientSampleId :
PB146401BL

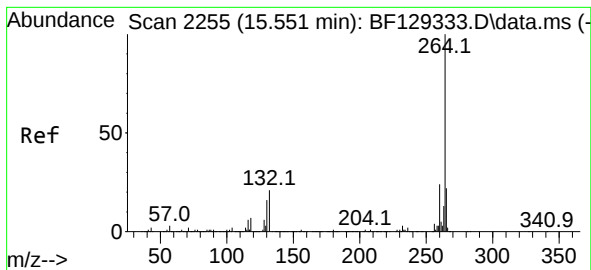
Tgt Ion:240 Resp: 831449
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3#
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 70.204 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF129338.D
Acq: 25 Jul 2022 18:24

Tgt Ion:244 Resp: 3093996
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 13.4 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: BF129338.D
 Acq: 25 Jul 2022 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB146401BL

Tgt Ion:264 Resp: 707101
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.4 27.6
 265 22.0 17.2 25.8

