

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129916.D
 Acq On : 19 Aug 2022 18:44
 Operator : CG\JU
 Sample : N4217-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815

Quant Time: Aug 20 07:51:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

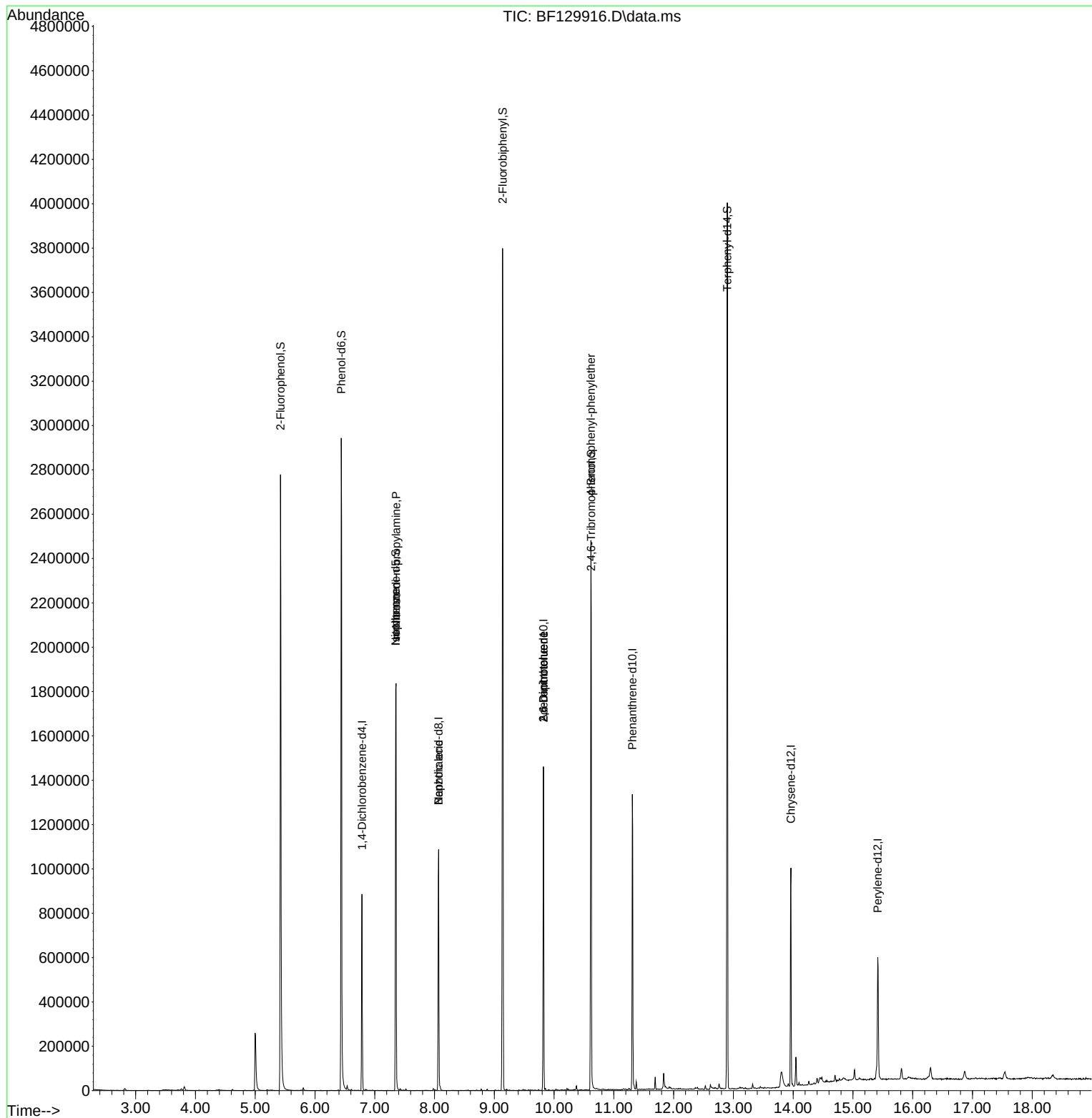
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	122310	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	495820	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	272357	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	466974	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	321294	20.000	ng	0.00
86) Perylene-d12	15.415	264	243788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	804764	108.940	ng	0.00
7) Phenol-d6	6.439	99	1022903	110.574	ng	0.00
23) Nitrobenzene-d5	7.351	82	636050	68.672	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	293685	107.439	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1160646	64.724	ng	0.00
79) Terphenyl-d14	12.898	244	1226888	63.539	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	278	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.357	70	84700	14.485	ng	# 77
25) Isophorone	7.351	82	636045	39.898	ng	# 65
32) Benzoic acid	8.069	122	79	2.184	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	34858	8.230	ng	# 23
57) 2,4-Dinitrotoluene	9.822	165	34858	6.340	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	18473	3.377	ng	# 1
77) Benzidine	12.663	184	1299	Below Cal	#	65

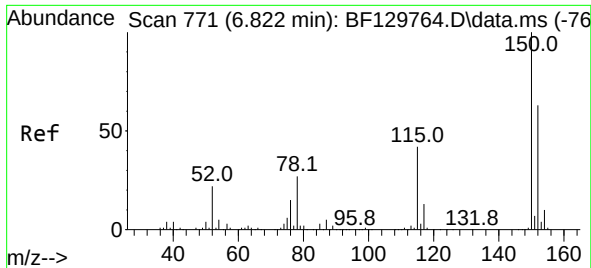
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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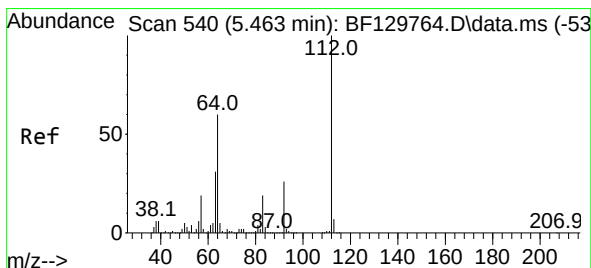
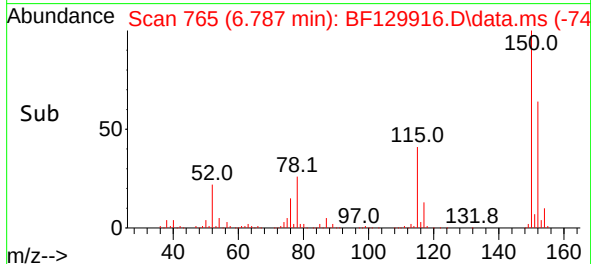
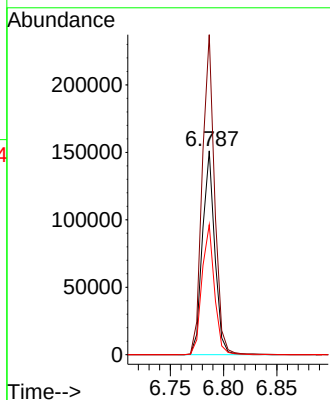
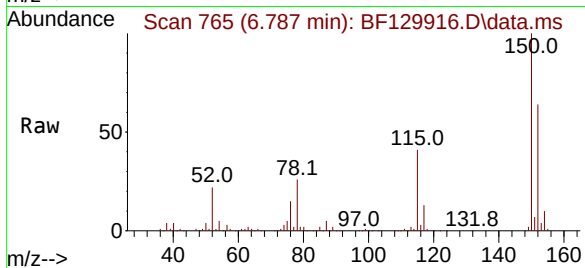




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: BF129916.D
 Acq: 19 Aug 2022 18:44

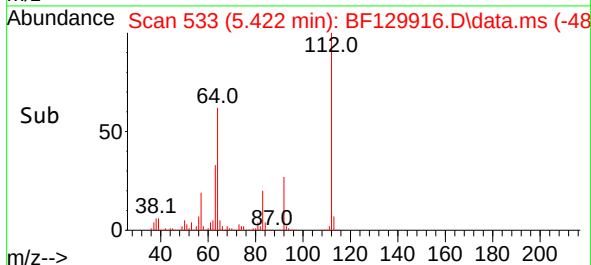
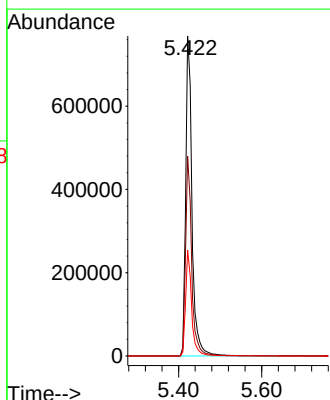
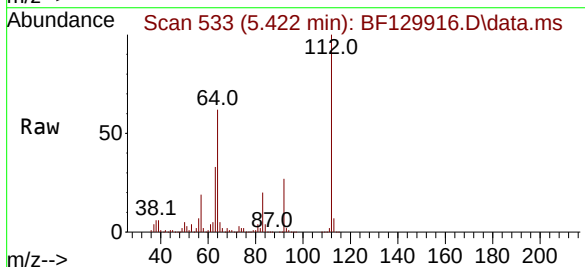
Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815

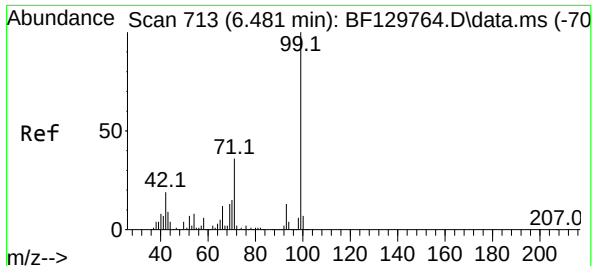
Tgt Ion:152 Resp: 122310
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.9 190.3
 115 63.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 108.940 ng
 RT: 5.422 min Scan# 533
 Delta R.T. -0.000 min
 Lab File: BF129916.D
 Acq: 19 Aug 2022 18:44

Tgt Ion:112 Resp: 804764
 Ion Ratio Lower Upper
 112 100
 64 62.5 47.6 71.4
 63 33.1 24.6 37.0

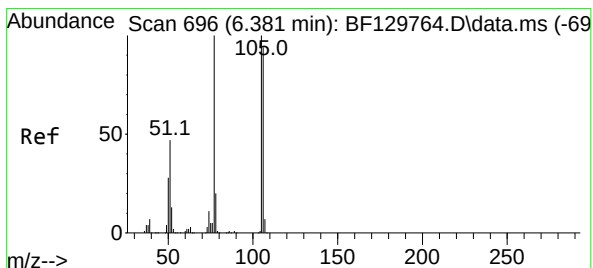
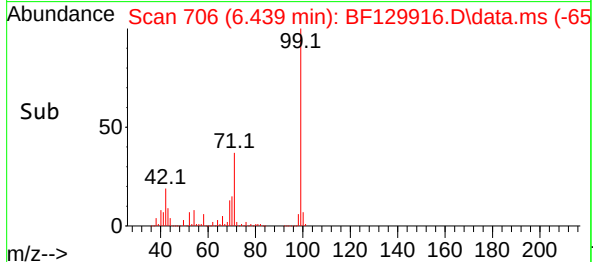
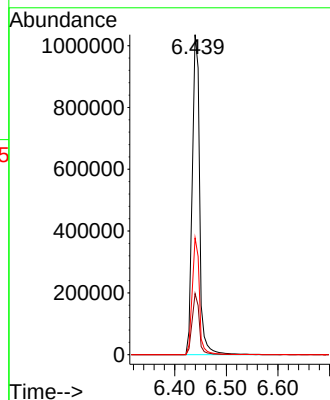
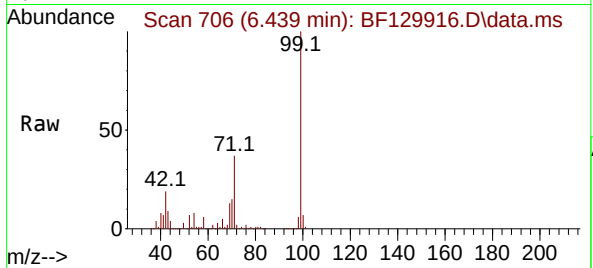




#7
Phenol-d6
Concen: 110.574 ng
RT: 6.439 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

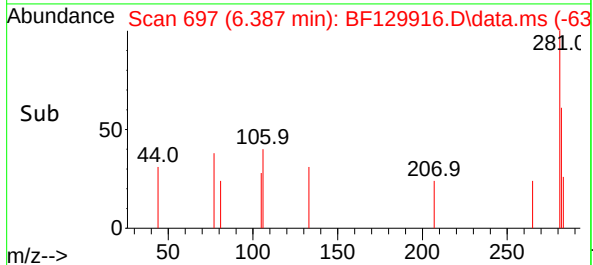
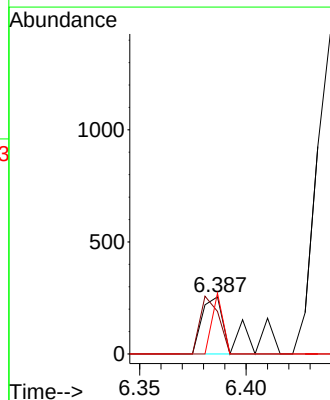
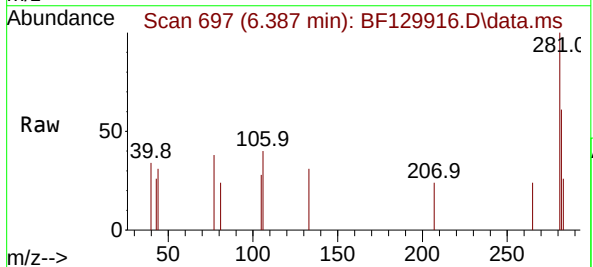
Instrument :
BNA_F
ClientSampleId :
TP3-0815

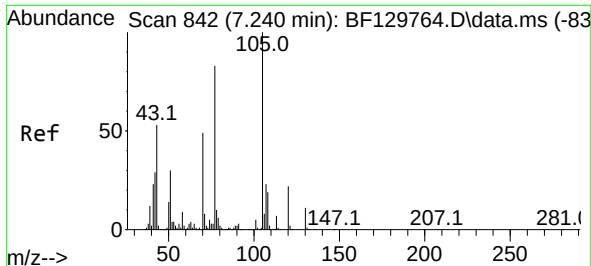
Tgt Ion: 99 Resp: 1022903
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.4
71 36.5 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.387 min Scan# 697
Delta R.T. 0.041 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

Tgt Ion: 77 Resp: 278
Ion Ratio Lower Upper
77 100
105 74.5 80.3 120.3#
106 106.3 74.3 114.3

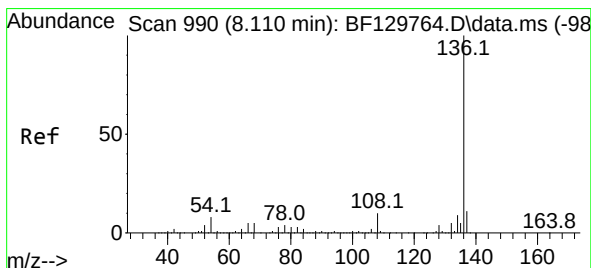
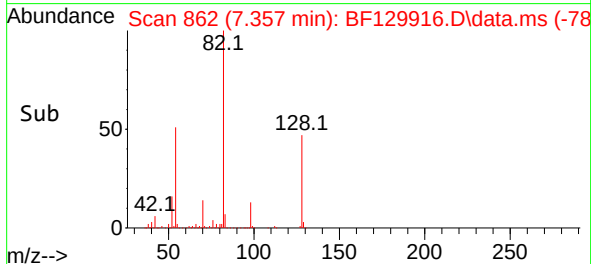
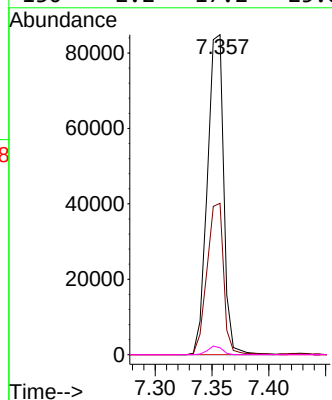
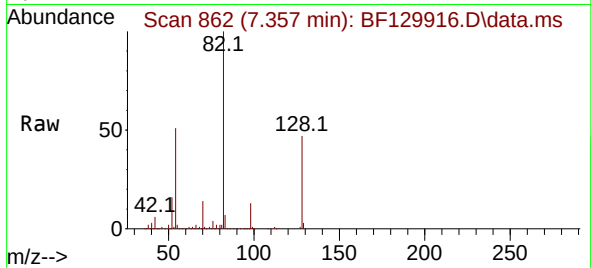




#19
n-Nitroso-di-n-propylamine
Concen: 14.485 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.153 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

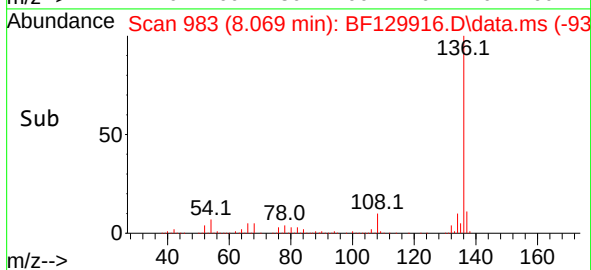
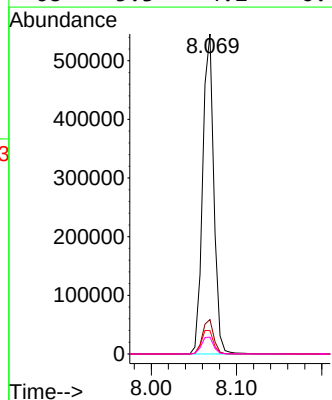
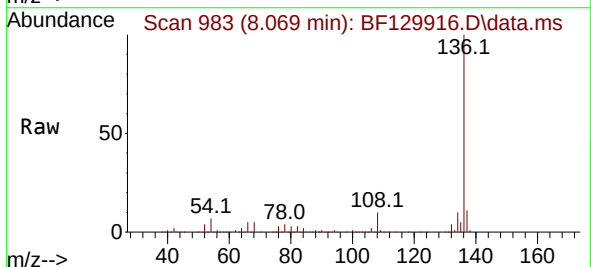
Instrument :
BNA_F
ClientSampleId :
TP3-0815

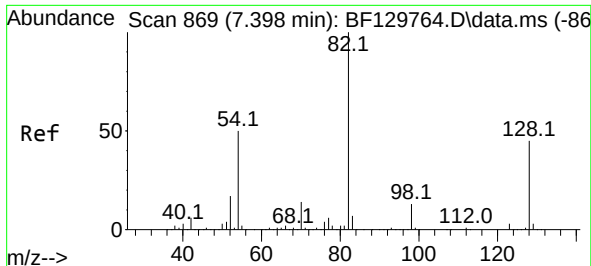
Tgt Ion: 70 Resp: 84700
Ion Ratio Lower Upper
70 100
42 47.3 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

Tgt Ion: 136 Resp: 495820
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.3 6.2 9.2
68 5.3 4.2 6.4

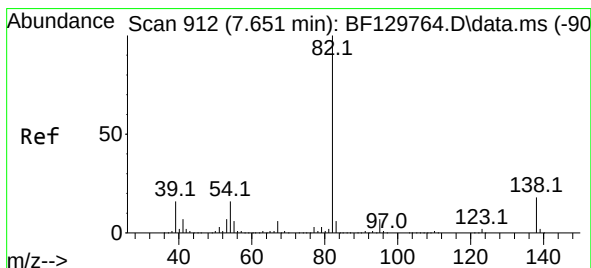
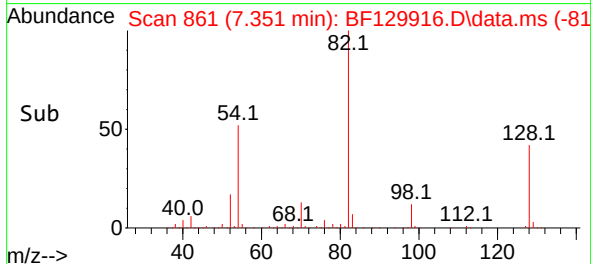
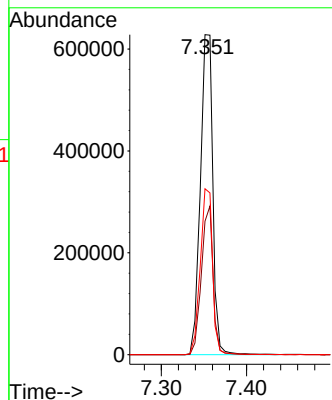
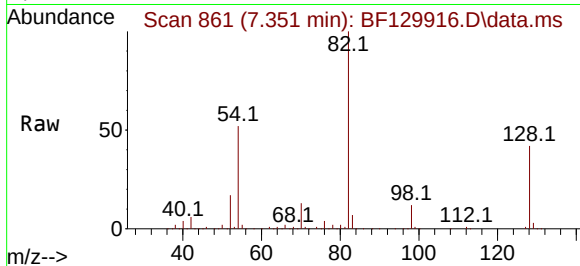




#23
Nitrobenzene-d5
Concen: 68.672 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

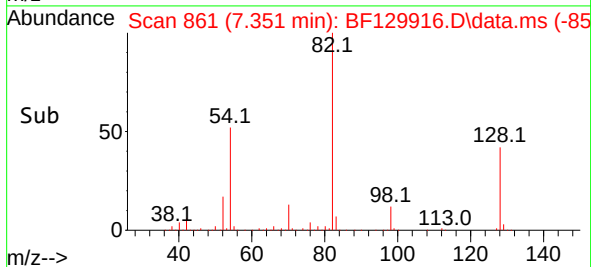
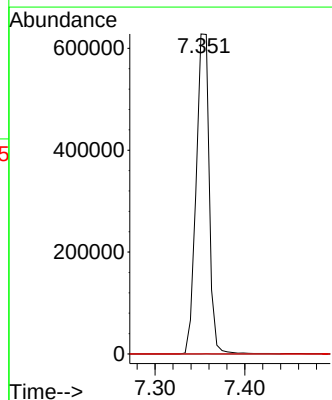
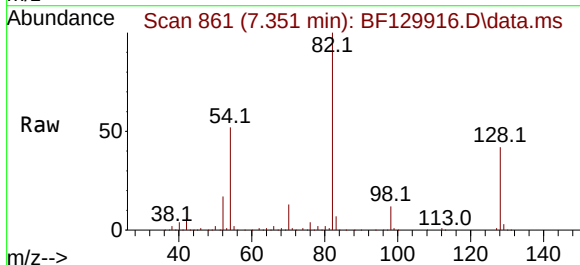
Instrument :
BNA_F
ClientSampleId :
TP3-0815

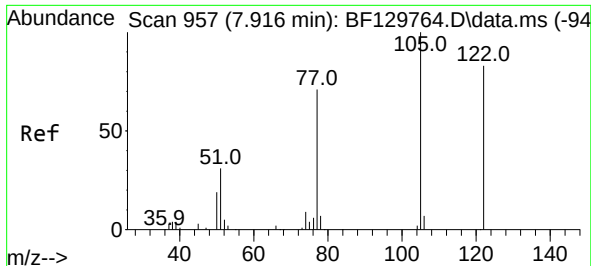
Tgt Ion: 82 Resp: 636050
Ion Ratio Lower Upper
82 100
128 41.7 36.1 54.1
54 51.9 40.0 60.0



#25
Isophorone
Concen: 39.898 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.265 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

Tgt Ion: 82 Resp: 636045
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

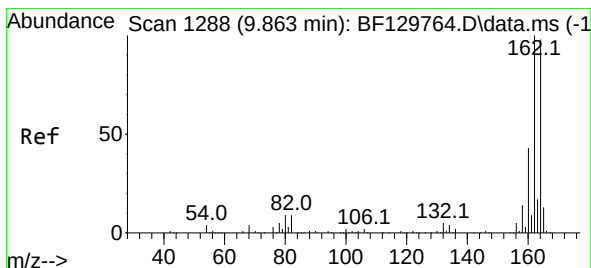
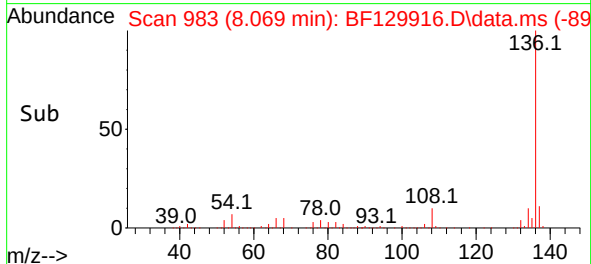
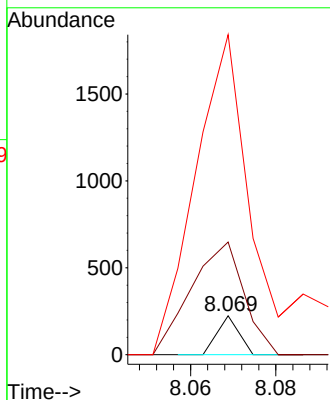
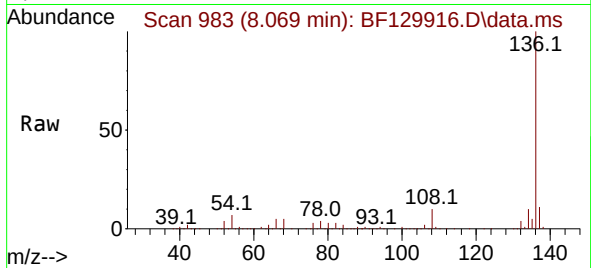




#32
Benzoic acid
Concen: 2.184 ng
RT: 8.069 min Scan# 91
Delta R.T. 0.194 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

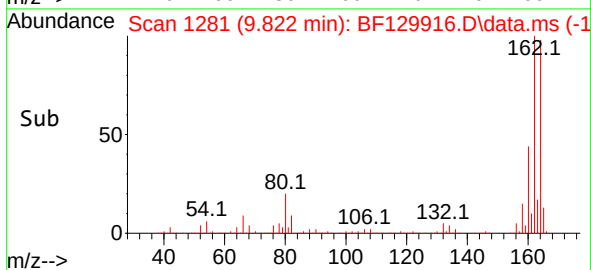
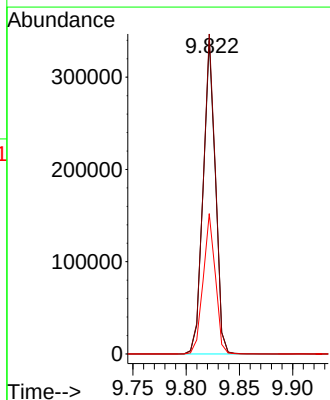
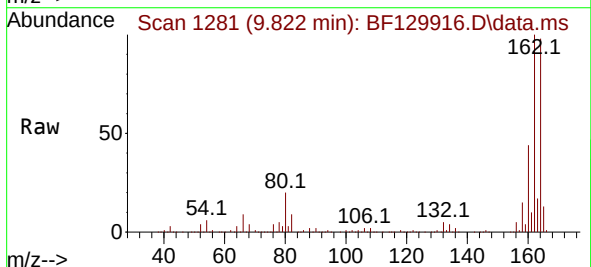
Instrument :
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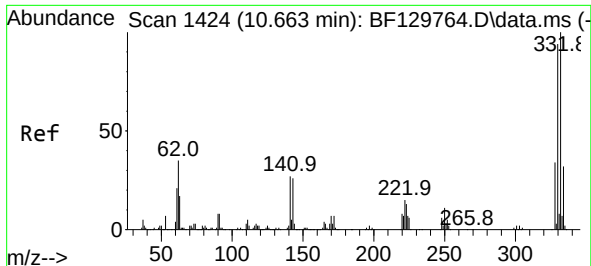
Tgt Ion:	122	Resp:	79
Ion	Ratio	Lower	Upper
122	100		
105	289.3	99.9	139.9#
77	821.9	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

Tgt Ion:	164	Resp:	272357
Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.0	123.0
160	44.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 107.439 ng

RT: 10.622 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF129916.D

Acq: 19 Aug 2022 18:44

Instrument :

BNA_F

ClientSampleId :

TP3-0815

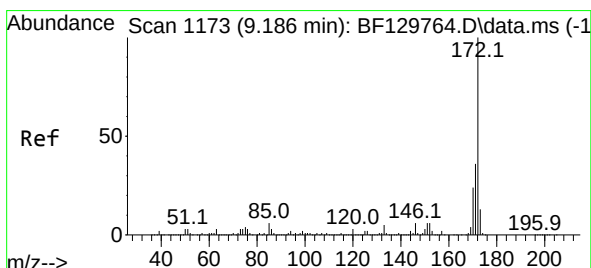
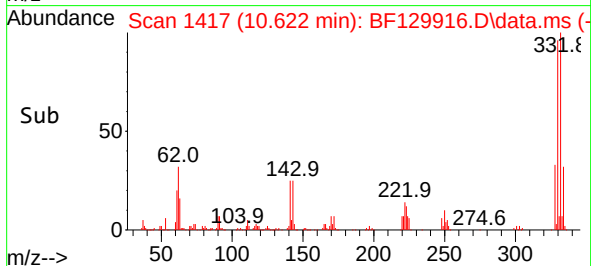
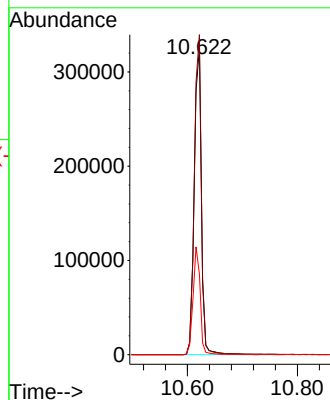
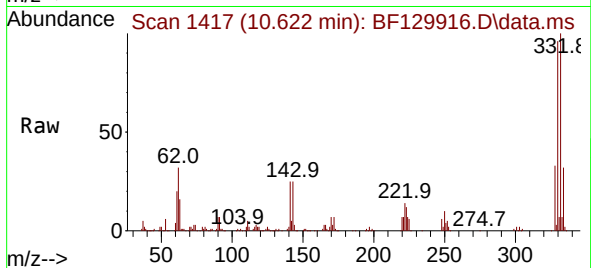
Tgt Ion:330 Resp: 293685

Ion Ratio Lower Upper

330 100

332 103.1 82.6 124.0

141 34.8 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 64.724 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF129916.D

Acq: 19 Aug 2022 18:44

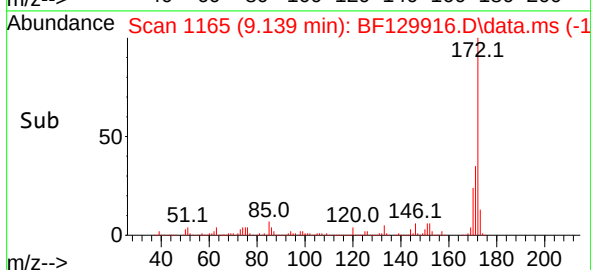
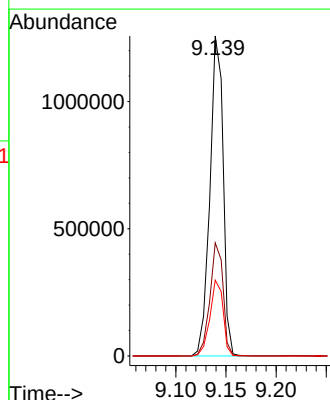
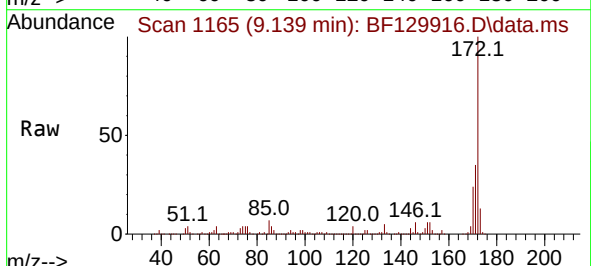
Tgt Ion:172 Resp: 1160646

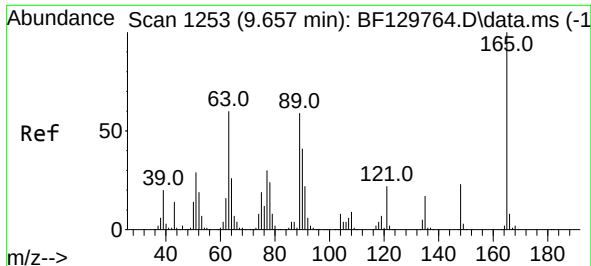
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.7 19.1 28.7

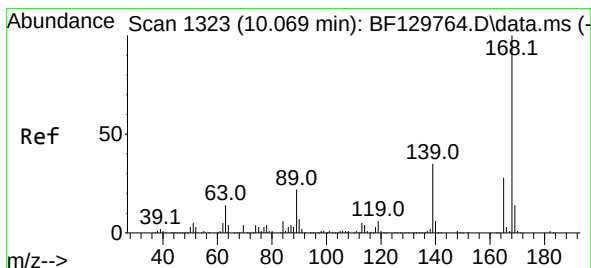
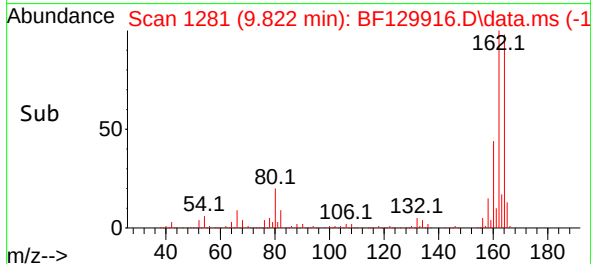
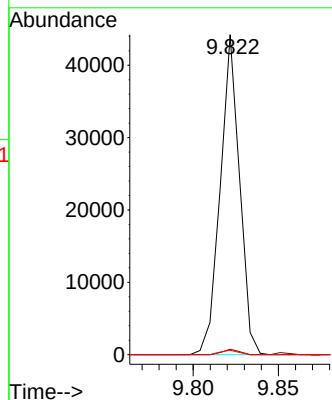
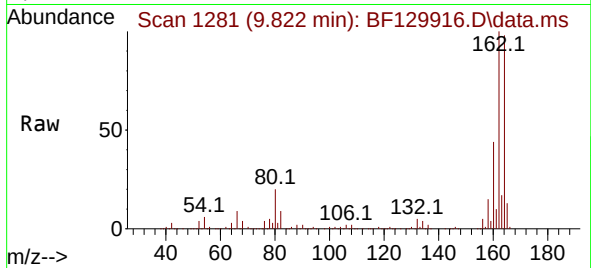




#51
2,6-Dinitrotoluene
Concen: 8.230 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.200 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

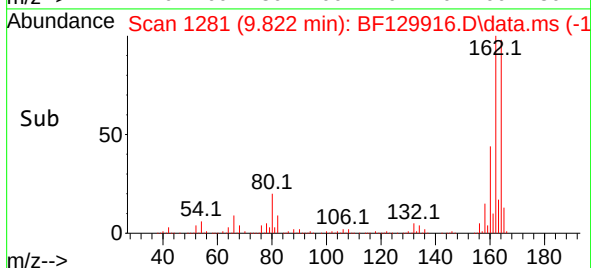
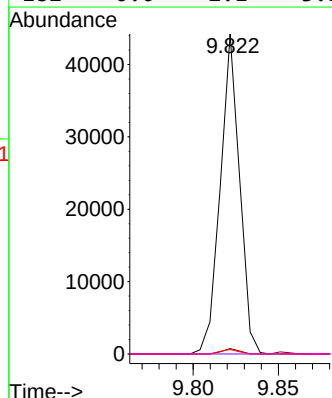
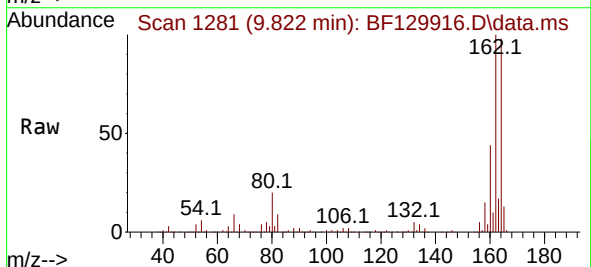
Instrument :
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ClientSampleId :
TP3-0815

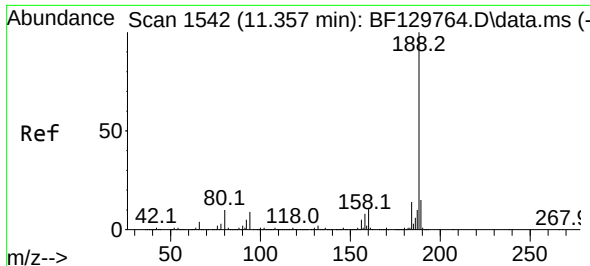
Tgt Ion:165 Resp: 34858
Ion Ratio Lower Upper
165 100
63 1.7 47.8 71.8#
89 1.4 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.212 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

Tgt Ion:165 Resp: 34858
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.4 62.3 93.5#
182 0.0 2.1 3.1#

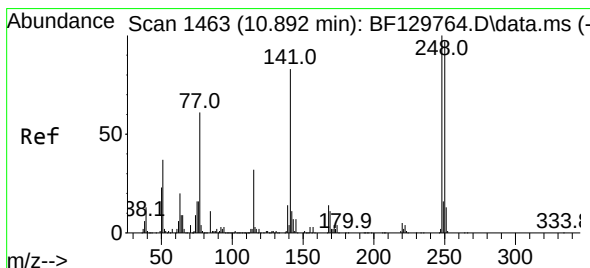
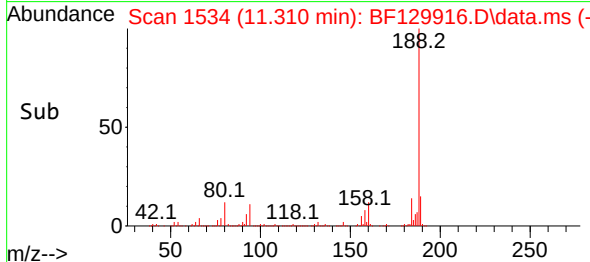
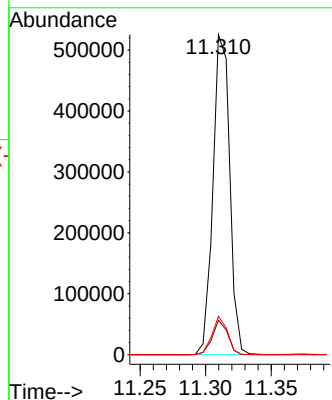
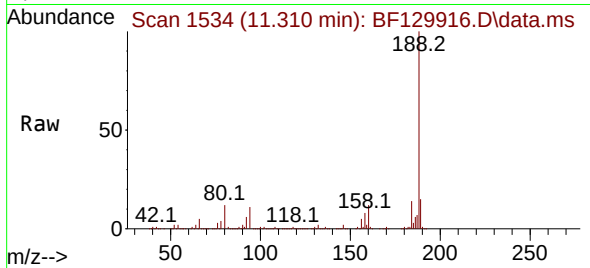




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

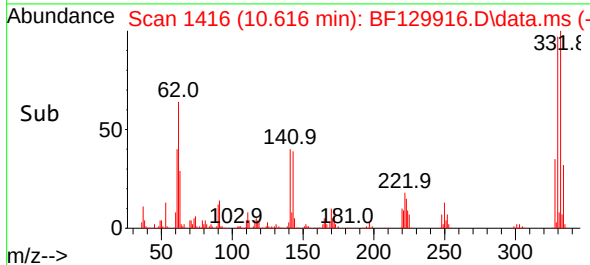
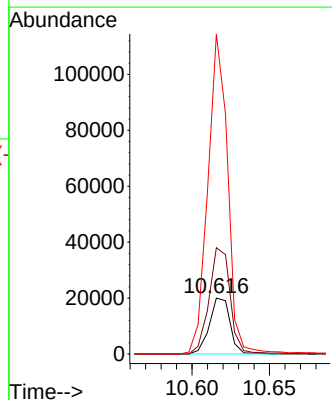
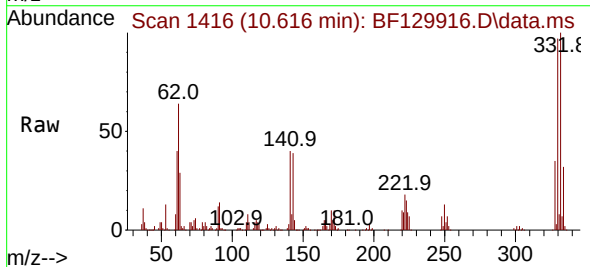
Instrument :
BNA_F
ClientSampleId :
TP3-0815

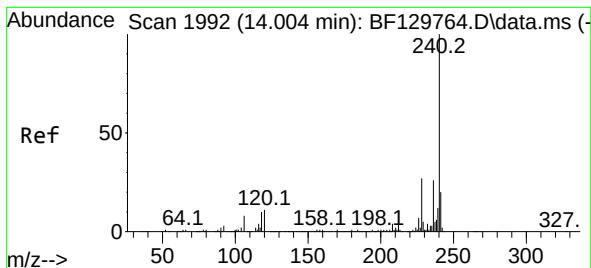
Tgt Ion:188 Resp: 466974
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 12.0 7.9 11.9#



#67
4-Bromophenyl-phenylether
Concen: 3.377 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.235 min
Lab File: BF129916.D
Acq: 19 Aug 2022 18:44

Tgt Ion:248 Resp: 18473
Ion Ratio Lower Upper
248 100
250 190.4 77.8 116.6#
141 573.4 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 1992

Delta R.T. -0.000 min

Lab File: BF129916.D

Acq: 19 Aug 2022 18:44

Instrument :

BNA_F

ClientSampleId :

TP3-0815

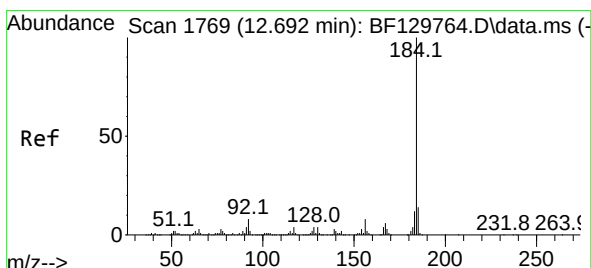
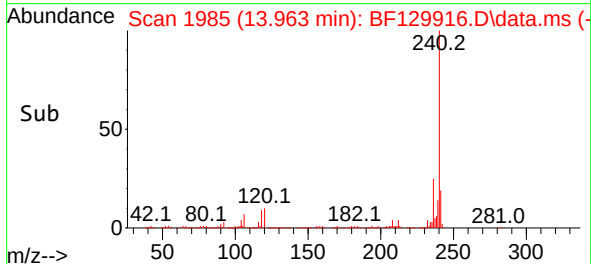
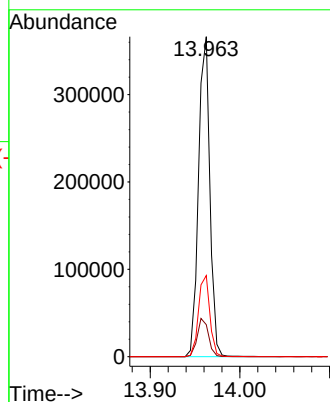
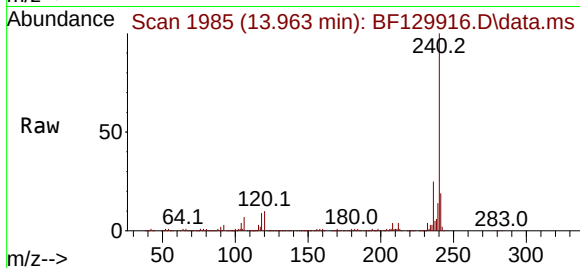
Tgt Ion:240 Resp: 321294

Ion Ratio Lower Upper

240 100

120 10.0 9.2 13.8

236 25.4 20.7 31.1



#77

Benzidine

Concen: Below Cal

RT: 12.663 min Scan# 1764

Delta R.T. 0.006 min

Lab File: BF129916.D

Acq: 19 Aug 2022 18:44

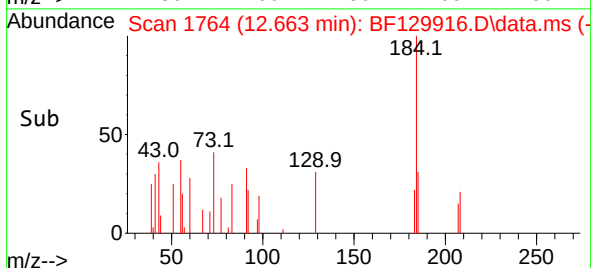
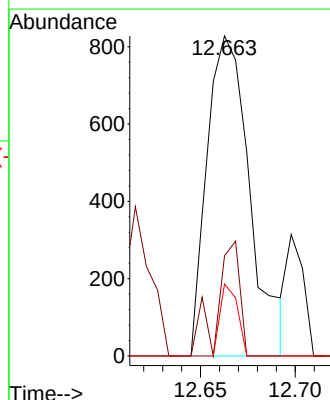
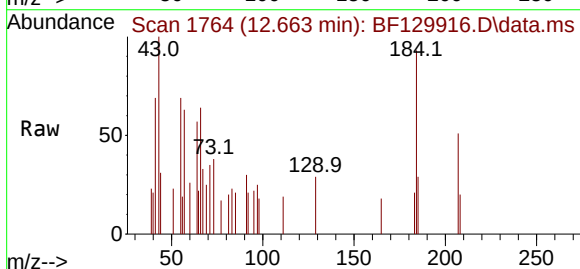
Tgt Ion:184 Resp: 1299

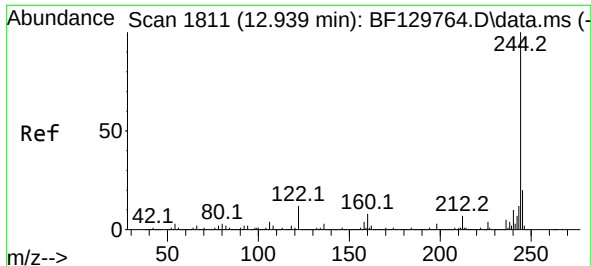
Ion Ratio Lower Upper

184 100

185 31.3 11.4 17.2#

183 22.5 9.4 14.2#

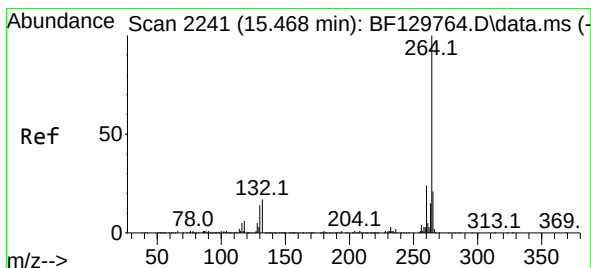
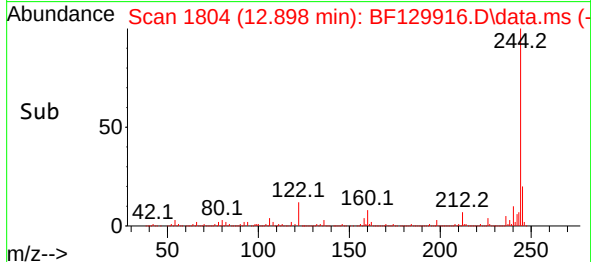
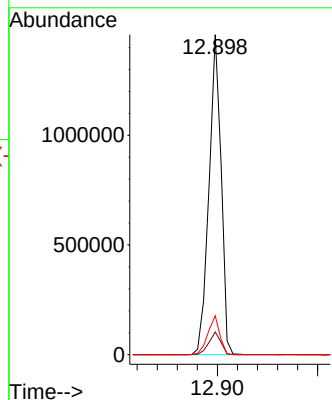
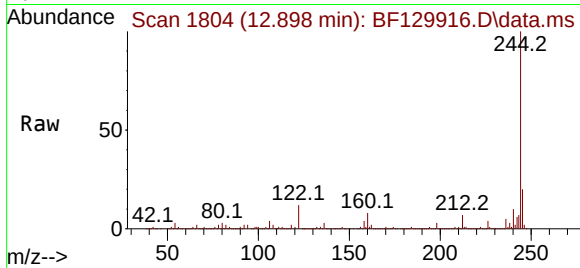




#79
 Terphenyl-d14
 Concen: 63.539 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.000 min
 Lab File: BF129916.D
 Acq: 19 Aug 2022 18:44

Instrument :
 BNA_F
 ClientSampleId :
 TP3-0815

Tgt Ion:244 Resp: 1226888
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2232
 Delta R.T. -0.000 min
 Lab File: BF129916.D
 Acq: 19 Aug 2022 18:44

Tgt Ion:264 Resp: 243788
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.7 16.7 25.1

