

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129919.D
 Acq On : 19 Aug 2022 20:25
 Operator : CG\JU
 Sample : N4217-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-1-0815

Quant Time: Aug 20 07:53:04 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)

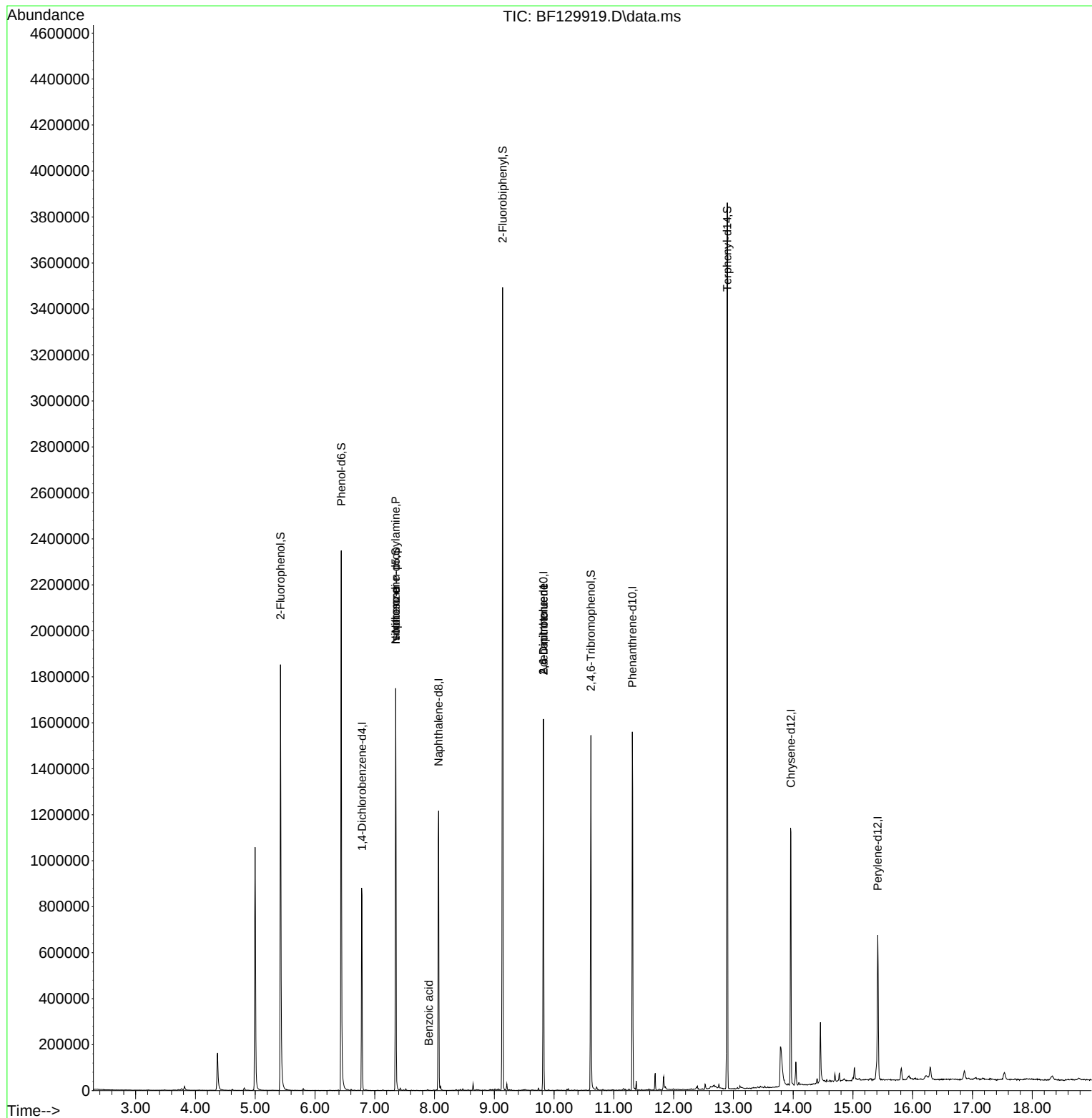
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	138982	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	565439	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	313096	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	542802	20.000	ng	0.00
76) Chrysene-d12	13.963	240	387305	20.000	ng	0.00
86) Perylene-d12	15.415	264	268801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	518782	61.803	ng	0.00
7) Phenol-d6	6.440	99	741310	70.522	ng	0.00
23) Nitrobenzene-d5	7.351	82	541131	51.231	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	163962	52.178	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1049771	50.924	ng	0.00
79) Terphenyl-d14	12.898	244	1197907	51.464	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.440	77	1261	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.351	70	71169	10.711 ng	#	77
25) Isophorone	7.351	82	541124	29.765 ng	#	65
32) Benzoic acid	7.904	122	53	2.169 ng	#	45
51) 2,6-Dinitrotoluene	9.822	165	39256	8.063 ng	#	22
57) 2,4-Dinitrotoluene	9.822	165	39256	6.211 ng	#	17
77) Benzidine	12.663	184	1599	Below Cal	#	63

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

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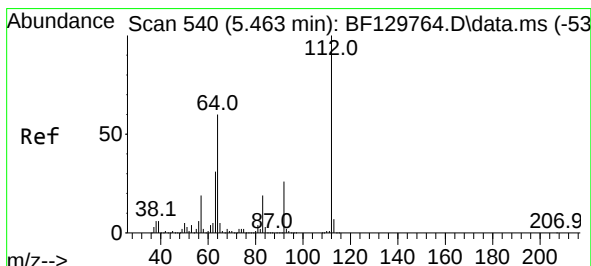
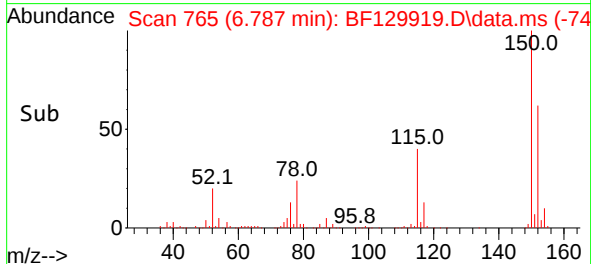
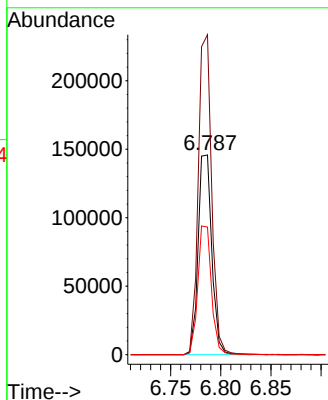
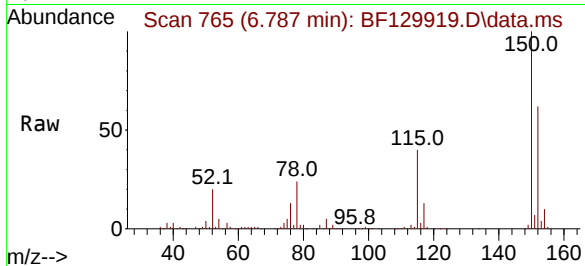




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

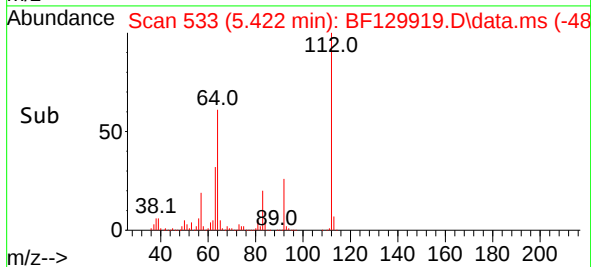
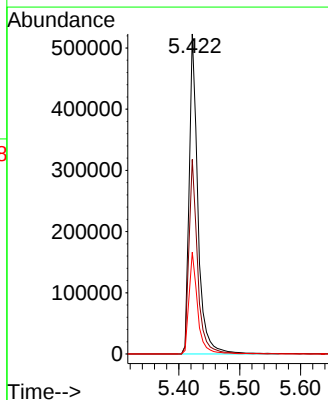
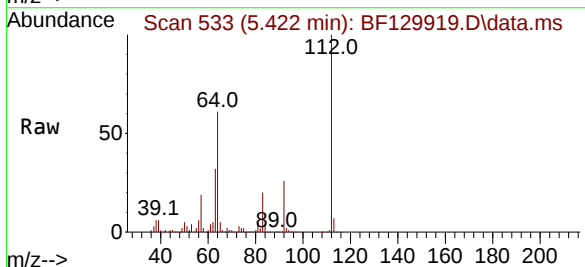
Instrument :
BNA_F
ClientSampleId :
CON-1-0815

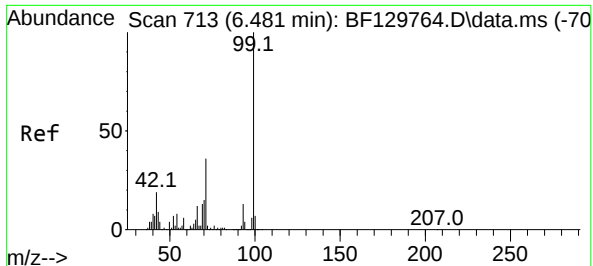
Tgt Ion:152 Resp: 138982
Ion Ratio Lower Upper
152 100
150 160.2 126.9 190.3
115 63.9 53.4 80.0



#5
2-Fluorophenol
Concen: 61.803 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.000 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

Tgt Ion:112 Resp: 518782
Ion Ratio Lower Upper
112 100
64 60.8 47.6 71.4
63 31.8 24.6 37.0

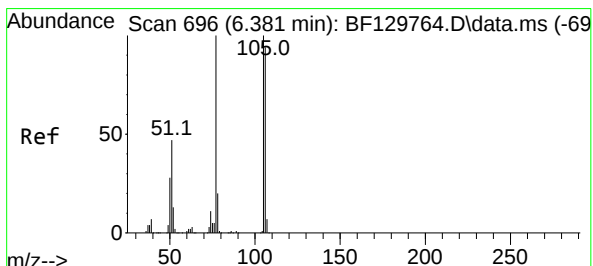
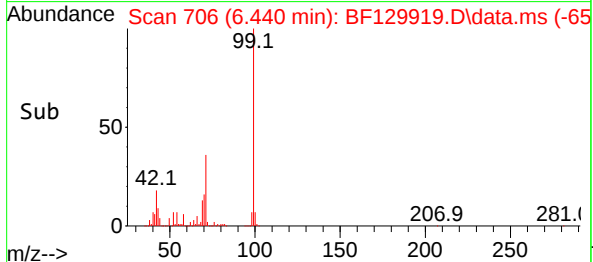
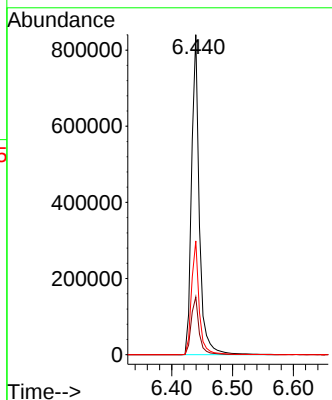
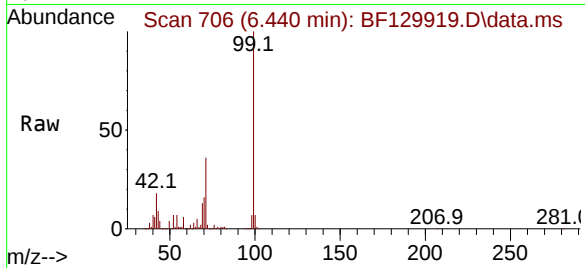




#7
Phenol-d6
Concen: 70.522 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

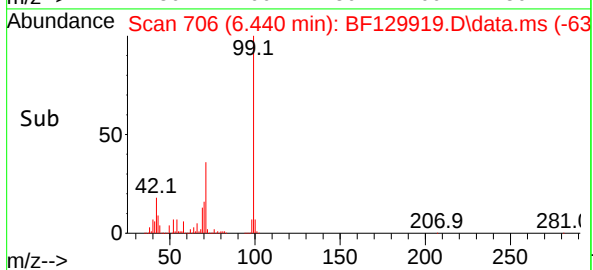
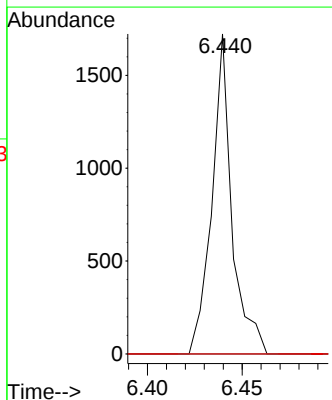
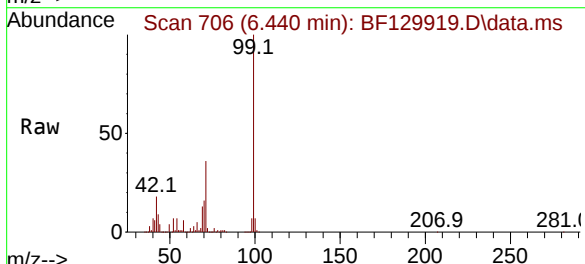
Instrument :
BNA_F
ClientSampleId :
CON-1-0815

Tgt Ion: 99 Resp: 741310
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 35.6 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.440 min Scan# 706
Delta R.T. 0.094 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

Tgt Ion: 77 Resp: 1261
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

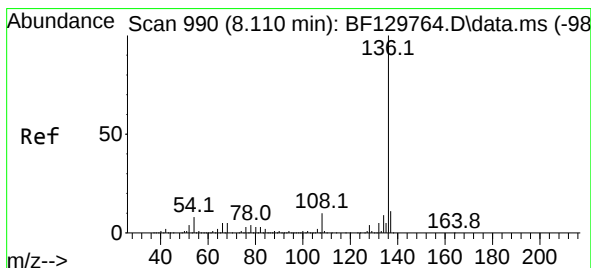
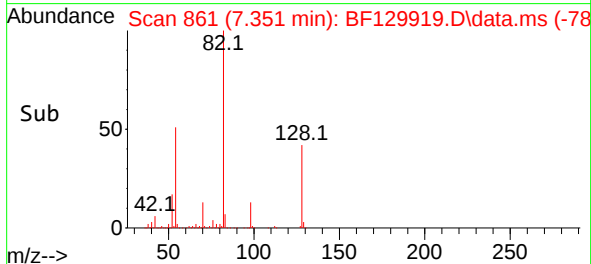
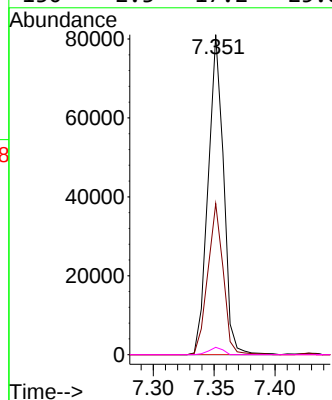
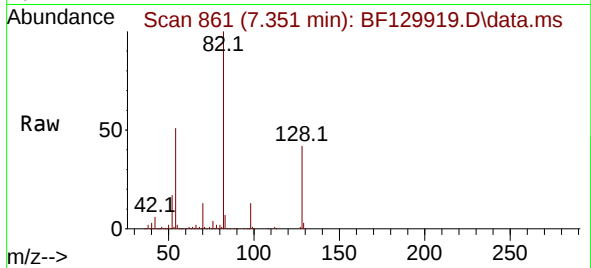




#19
n-Nitroso-di-n-propylamine
Concen: 10.711 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.147 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

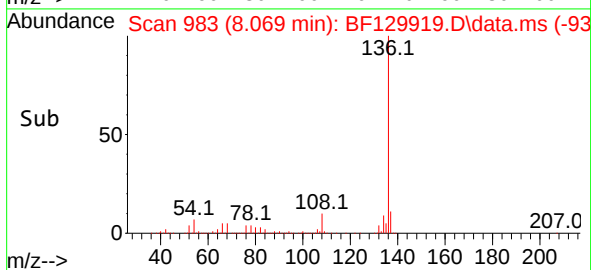
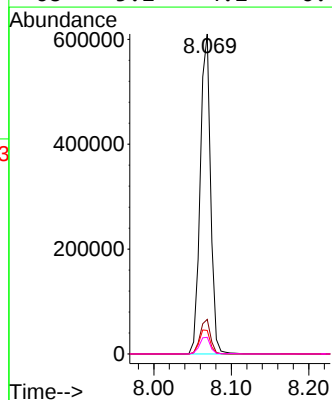
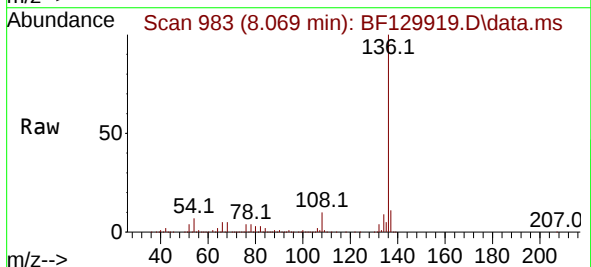
Instrument :
BNA_F
ClientSampleId :
CON-1-0815

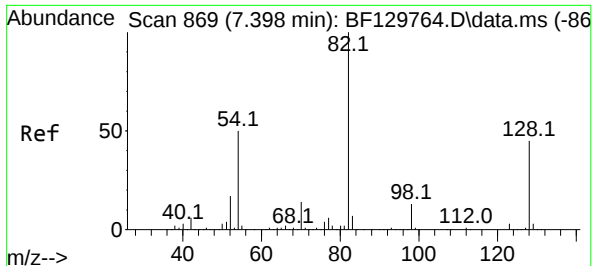
Tgt Ion: 70 Resp: 71169
Ion Ratio Lower Upper
70 100
42 47.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

Tgt Ion: 136 Resp: 565439
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.4 6.2 9.2
68 5.2 4.2 6.4





#23

Nitrobenzene-d5

Concen: 51.231 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF129919.D

Acq: 19 Aug 2022 20:25

Instrument :

BNA_F

ClientSampleId :

CON-1-0815

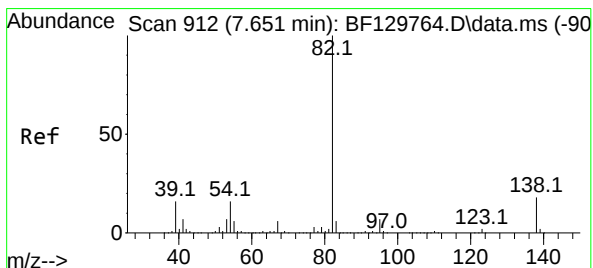
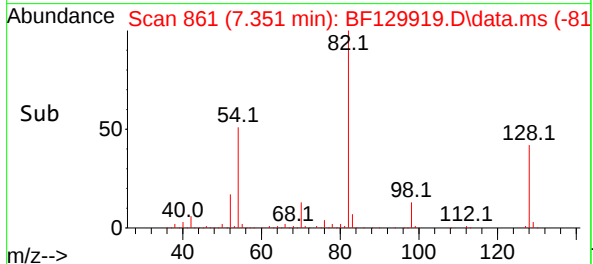
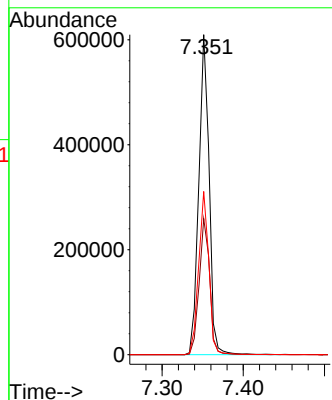
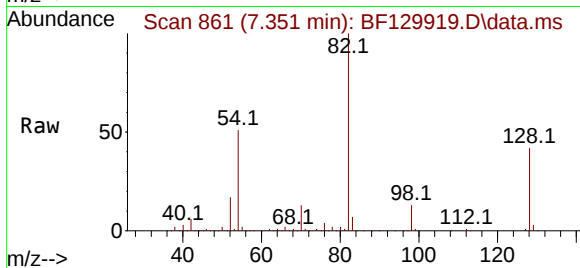
Tgt Ion: 82 Resp: 541131

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

54 51.0 40.0 60.0



#25

Isophorone

Concen: 29.765 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.265 min

Lab File: BF129919.D

Acq: 19 Aug 2022 20:25

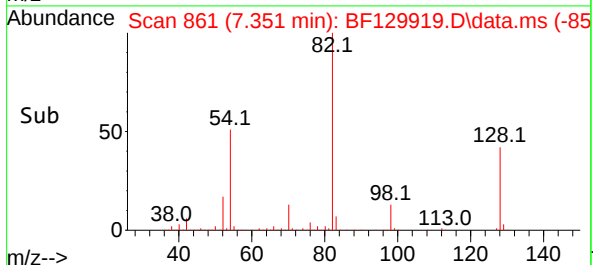
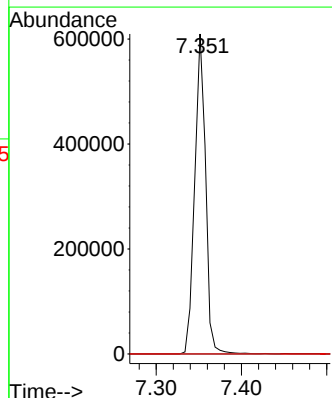
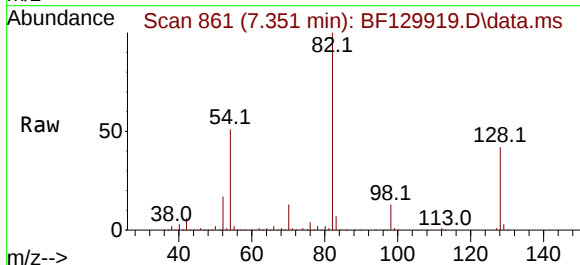
Tgt Ion: 82 Resp: 541124

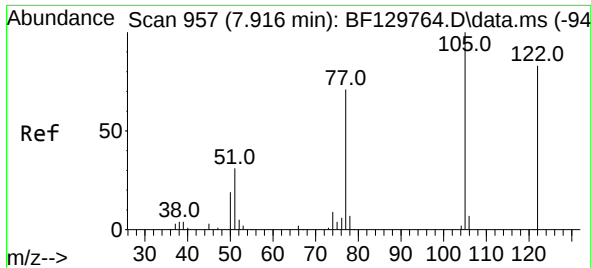
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 14.6 21.8#

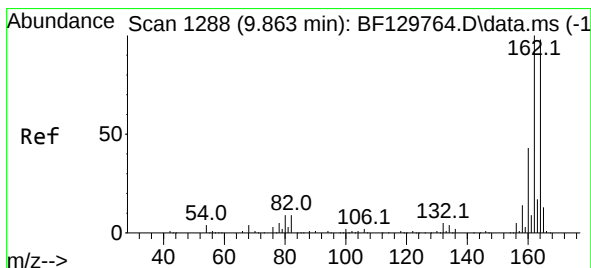
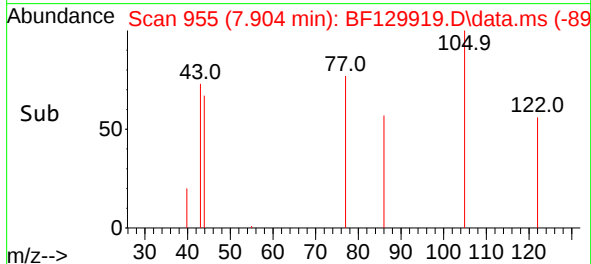
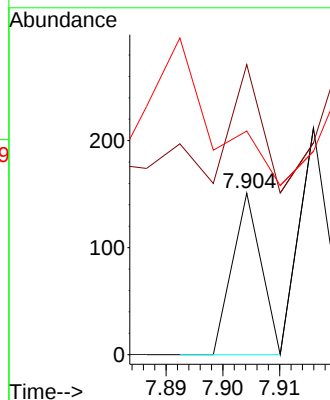
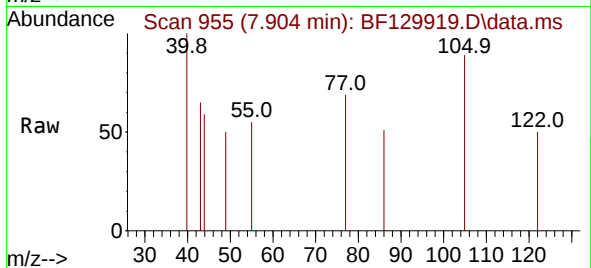




#32
Benzoic acid
Concen: 2.169 ng
RT: 7.904 min Scan# 91
Delta R.T. 0.029 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

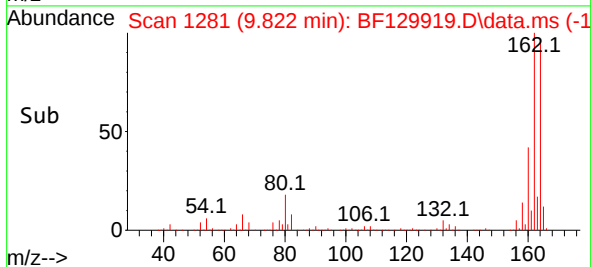
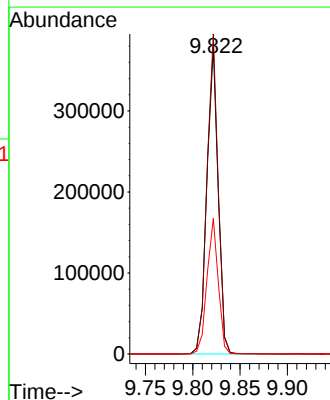
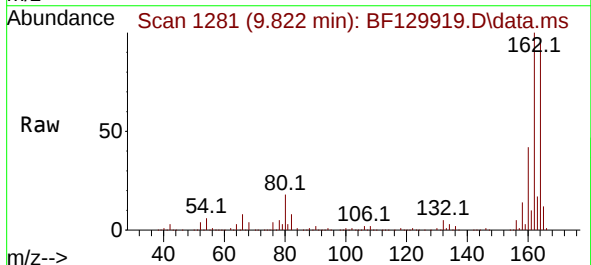
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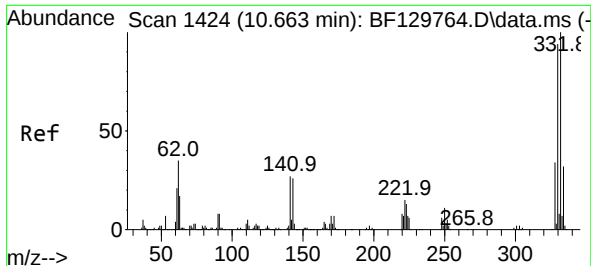
Tgt Ion:	122	Resp:	53
Ion	Ratio	Lower	Upper
122	100		
105	179.5	99.9	139.9#
77	138.4	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

Tgt Ion:	164	Resp:	313096
Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.0	123.0
160	44.2	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 52.178 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF129919.D

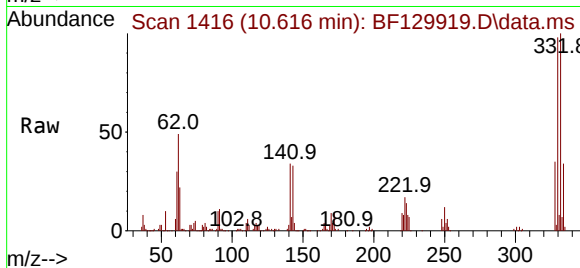
Acq: 19 Aug 2022 20:25

Instrument :

BNA_F

ClientSampleId :

CON-1-0815



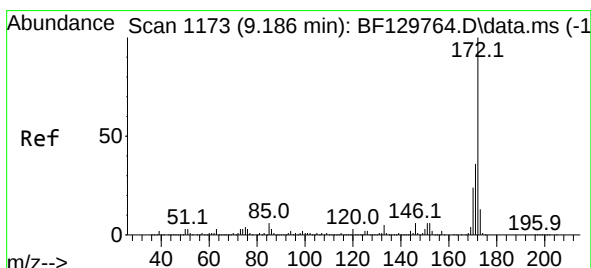
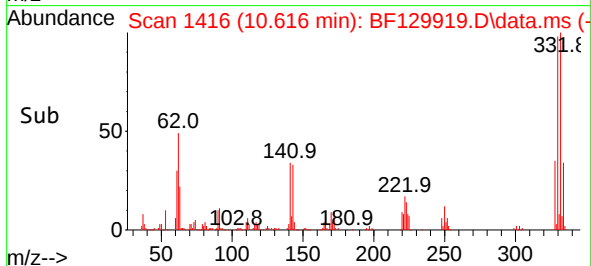
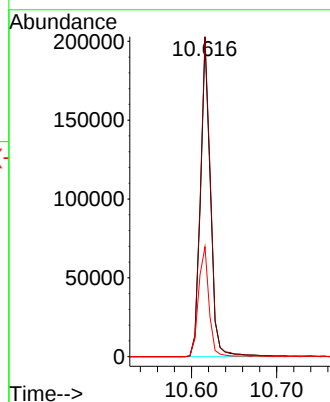
Tgt Ion:330 Resp: 163962

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 35.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 50.924 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF129919.D

Acq: 19 Aug 2022 20:25

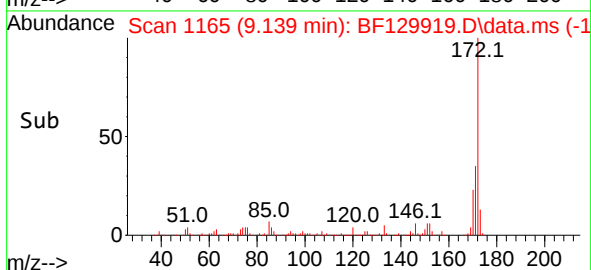
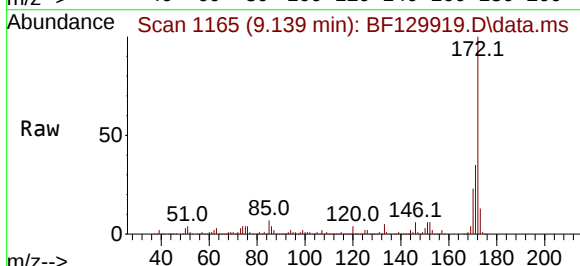
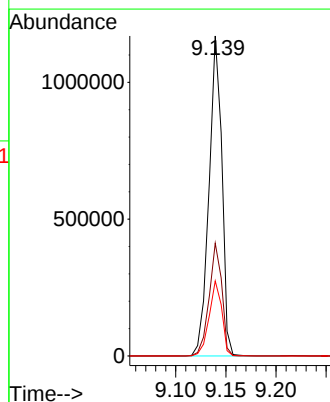
Tgt Ion:172 Resp: 1049771

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.5 19.1 28.7

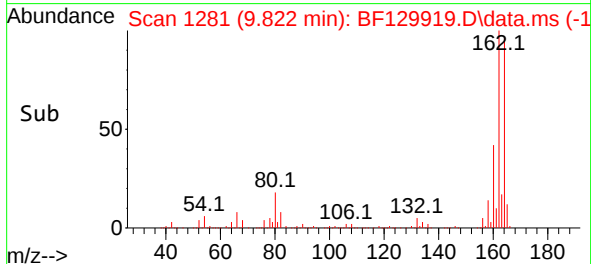
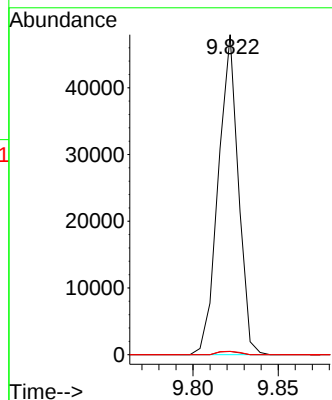
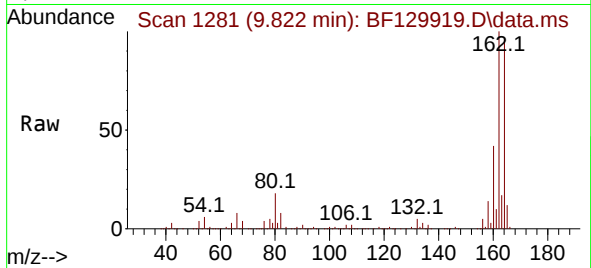




#51
2,6-Dinitrotoluene
Concen: 8.063 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.200 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

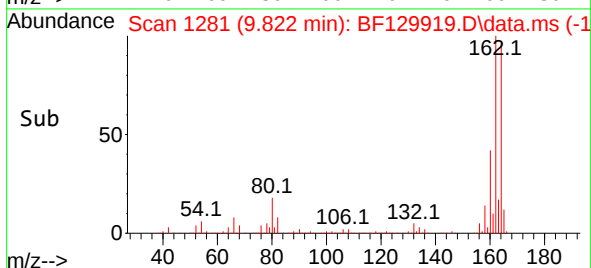
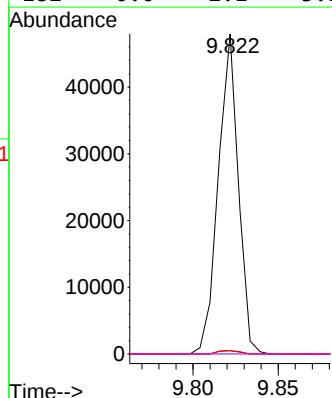
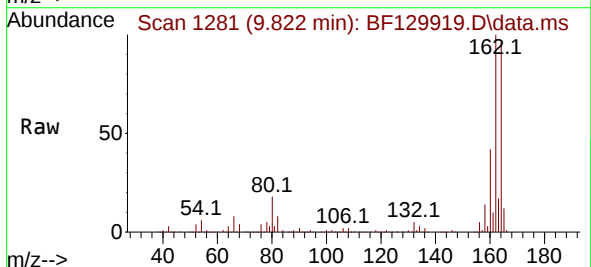
Instrument :
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ClientSampleId :
CON-1-0815

Tgt Ion:165 Resp: 39256
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.211 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.212 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

Tgt Ion:165 Resp: 39256
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#

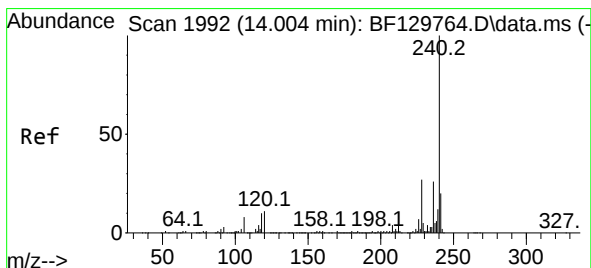
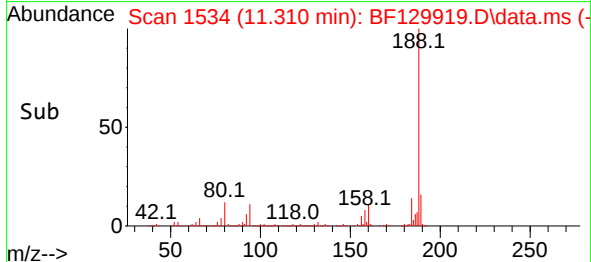
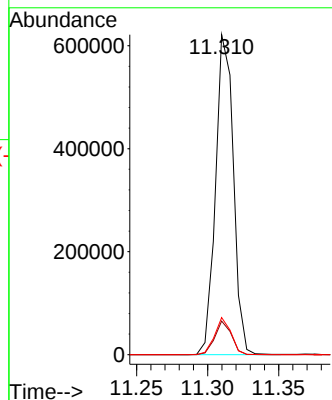
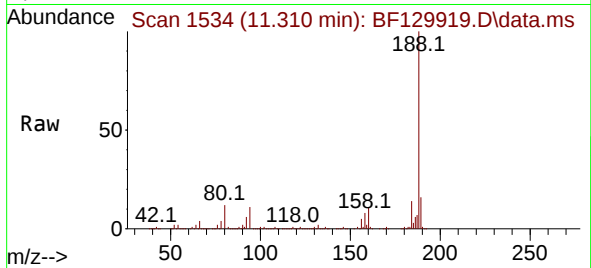




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

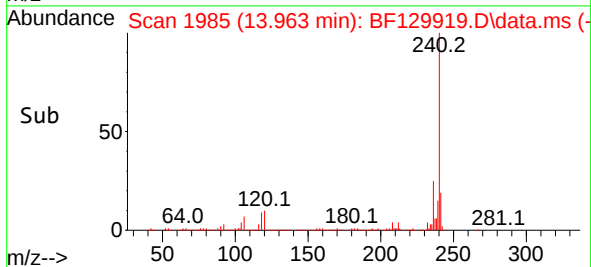
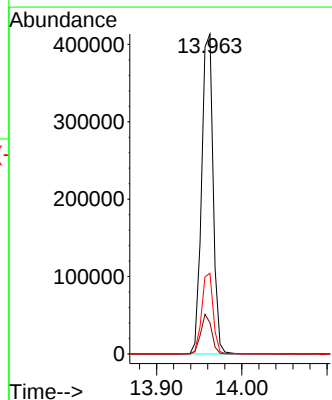
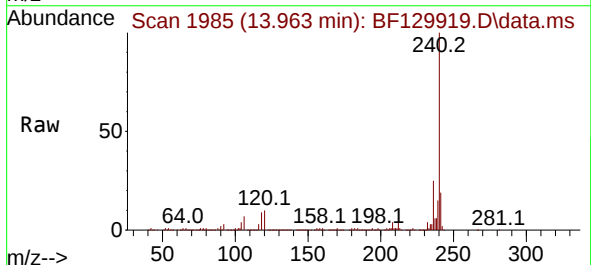
Instrument :
BNA_F
ClientSampleId :
CON-1-0815

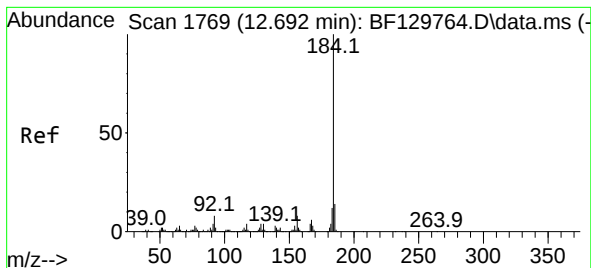
Tgt Ion:188 Resp: 542802
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129919.D
Acq: 19 Aug 2022 20:25

Tgt Ion:240 Resp: 387305
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.2 20.7 31.1





#77

Benzidine

Concen: Below Cal

RT: 12.663 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129919.D

Acq: 19 Aug 2022 20:25

Instrument :

BNA_F

ClientSampleId :

CON-1-0815

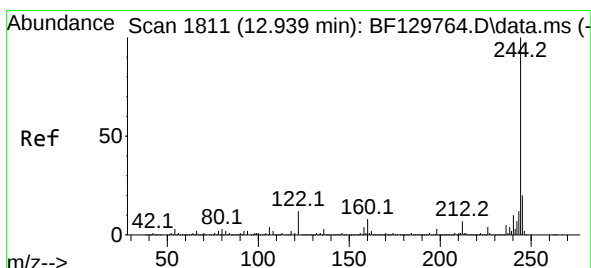
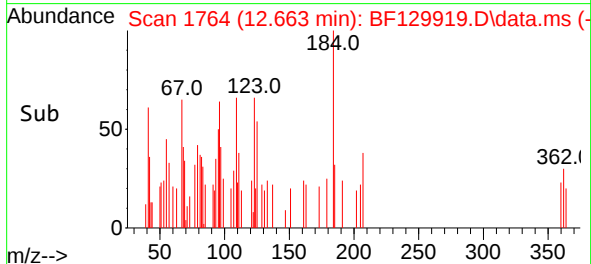
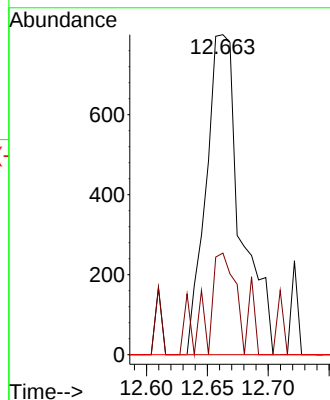
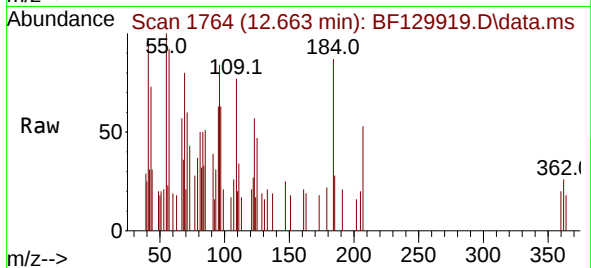
Tgt Ion:184 Resp: 1599

Ion Ratio Lower Upper

184 100

185 31.8 11.4 17.2#

183 0.0 9.4 14.2#



#79

Terphenyl-d14

Concen: 51.464 ng

RT: 12.898 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF129919.D

Acq: 19 Aug 2022 20:25

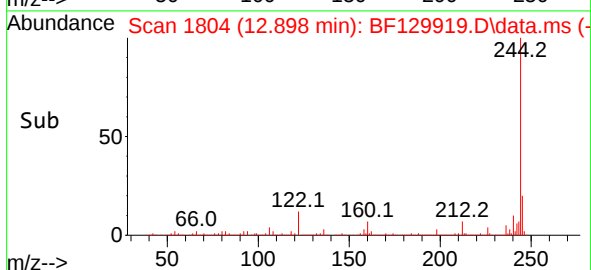
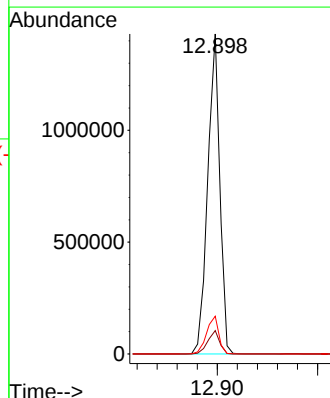
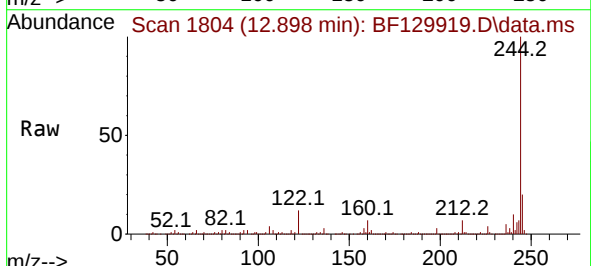
Tgt Ion:244 Resp: 1197907

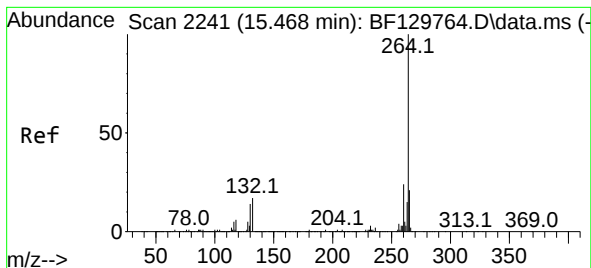
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.8 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129919.D

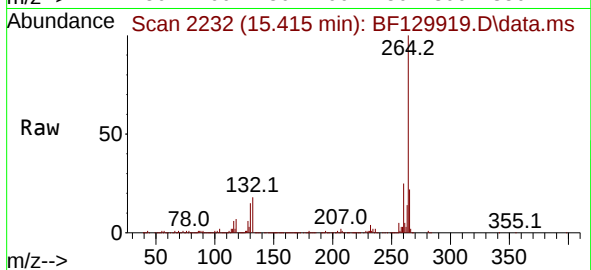
Acq: 19 Aug 2022 20:25

Instrument :

BNA_F

ClientSampleId :

CON-1-0815



Tgt Ion:264 Resp: 268801

Ion Ratio Lower Upper

264 100

260 24.9 19.1 28.7

265 22.2 16.7 25.1

