

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
 Data File : BF127825.D
 Acq On : 18 Apr 2022 15:12
 Operator : CG\JU
 Sample : N2442-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042

Quant Time: Apr 19 05:15:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

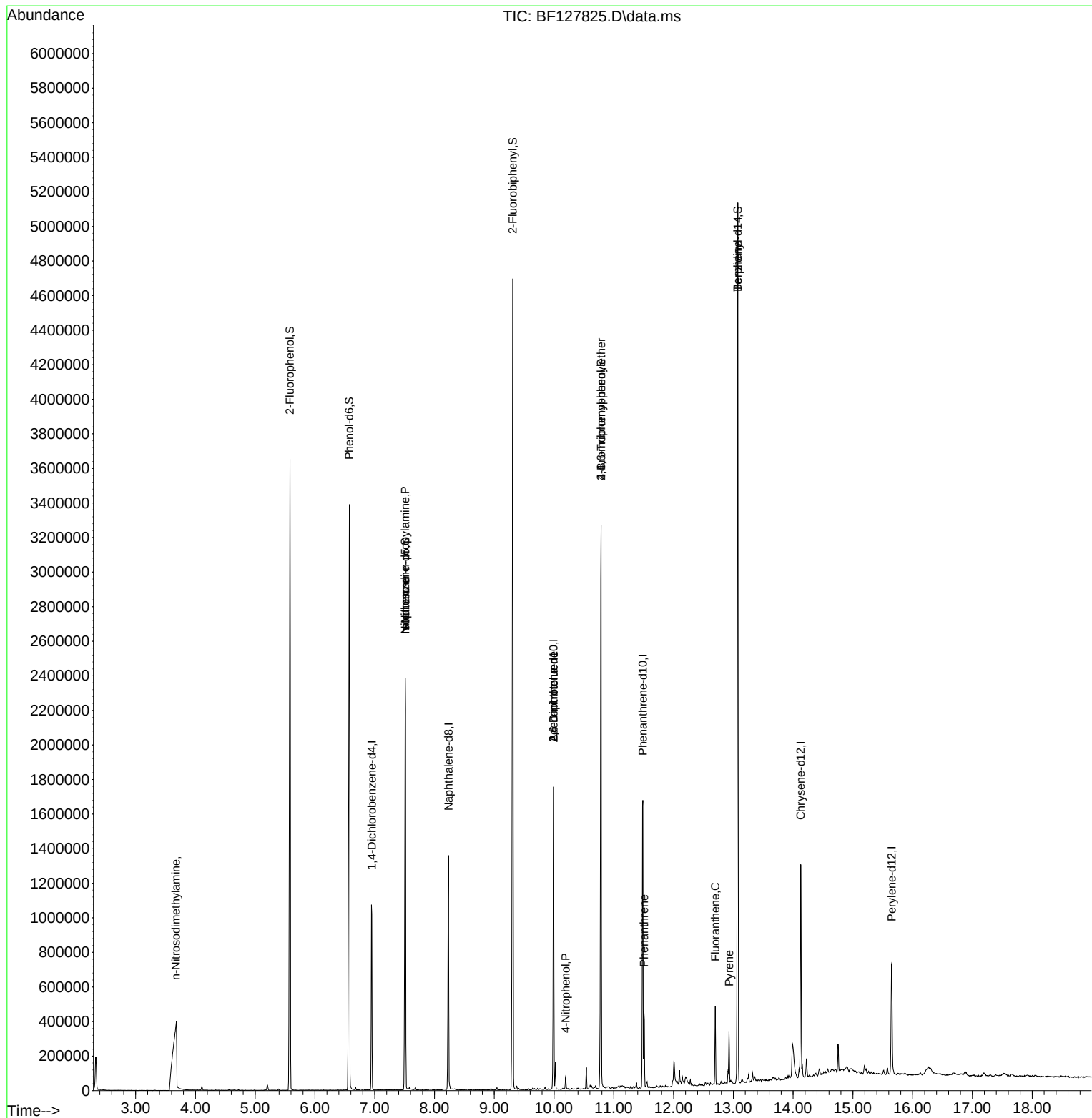
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	162096	20.000	ng	-0.01
21) Naphthalene-d8	8.234	136	598204	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	351091	20.000	ng	-0.01
64) Phenanthrene-d10	11.486	188	660124	20.000	ng	0.00
76) Chrysene-d12	14.127	240	415019	20.000	ng	-0.02
86) Perylene-d12	15.651	264	322572	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1018081	102.056	ng	0.00
7) Phenol-d6	6.575	99	1302859	99.833	ng	-0.01
23) Nitrobenzene-d5	7.510	82	934359	69.633	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	422977	113.213	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1527197	61.536	ng	-0.01
79) Terphenyl-d14	13.075	244	1816832	72.259	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.675	42	38099	5.685	ng	# 1
9) Benzaldehyde	6.575	77	2368	Below Cal		# 7
19) n-Nitroso-di-n-propyla...	7.510	70	126513	14.988	ng	# 75
25) Isophorone	7.510	82	925663	39.535	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	45528	9.491	ng	# 17
56) 4-Nitrophenol	10.192	139	8903	2.237	ng	# 1
57) 2,4-Dinitrotoluene	9.992	165	45528	7.655	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	27328	3.411	ng	# 1
71) Phenanthrene	11.504	178	155773	4.454	ng	99
75) Fluoranthene	12.698	202	168432	4.413	ng	99
77) Benzidine	13.075	184	25895	2.391	ng	# 93
78) Pyrene	12.927	202	121312	3.462	ng	97

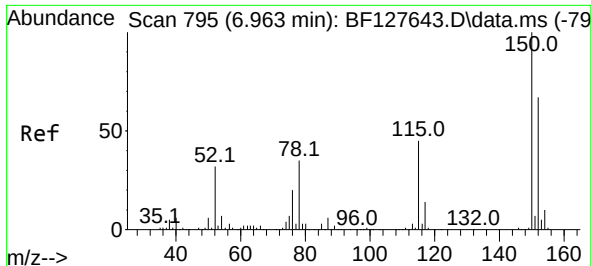
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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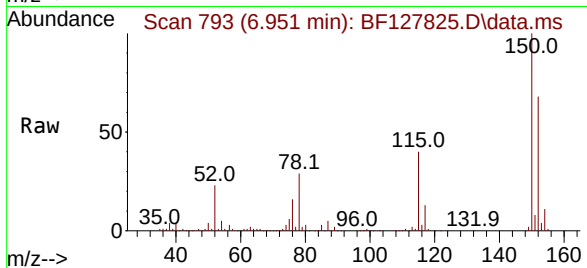
Quant Time: Apr 19 05:15:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
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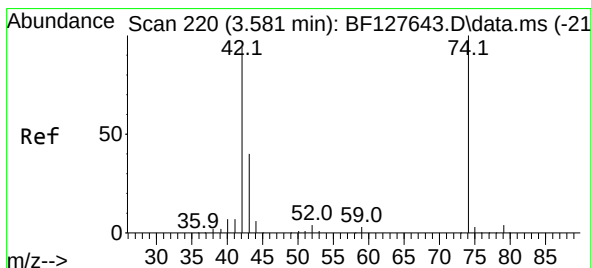
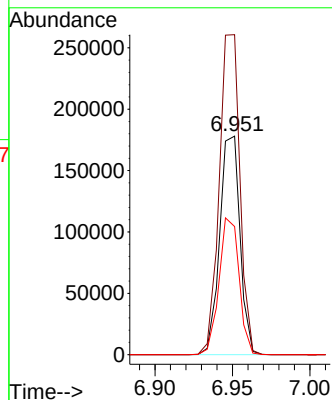
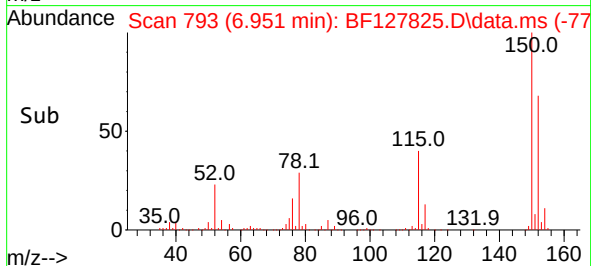


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

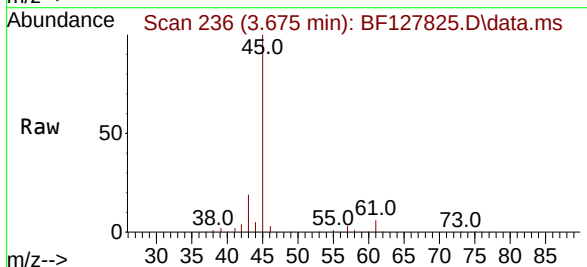
Instrument :
BNA_F
ClientSampleId :
124042



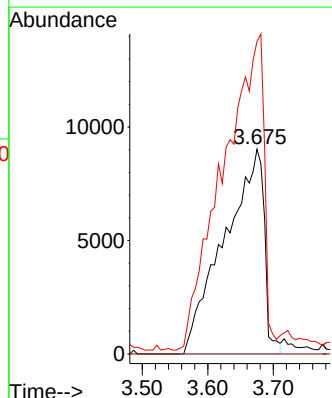
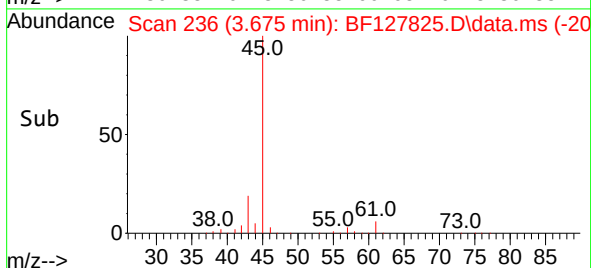
Tgt Ion:152 Resp: 162096
Ion Ratio Lower Upper
152 100
150 146.4 117.2 175.8
115 58.7 49.8 74.6

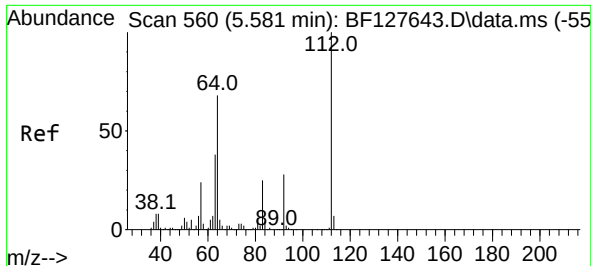


#4
n-Nitrosodimethylamine
Concen: 5.685 ng
RT: 3.675 min Scan# 236
Delta R.T. 0.094 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12



Tgt Ion: 42 Resp: 38099
Ion Ratio Lower Upper
42 100
74 0.0 92.4 138.6#
44 152.7 6.0 9.0#

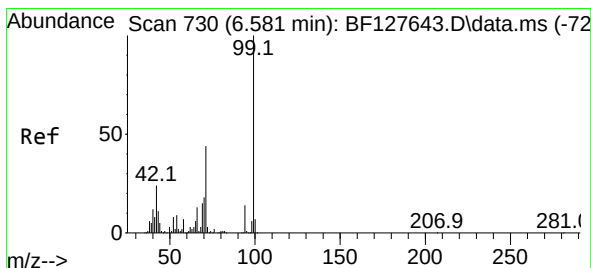
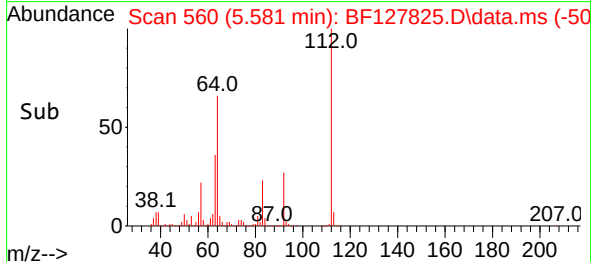
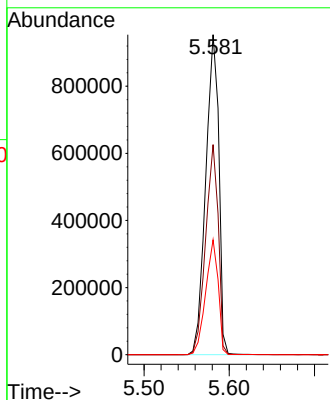
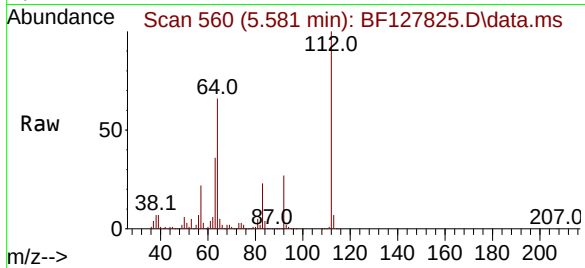




#5
2-Fluorophenol
Concen: 102.056 ng
RT: 5.581 min Scan# 509
Delta R.T. 0.000 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

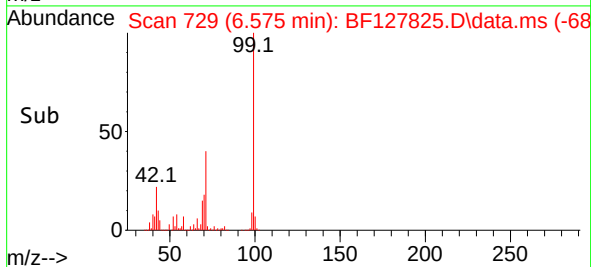
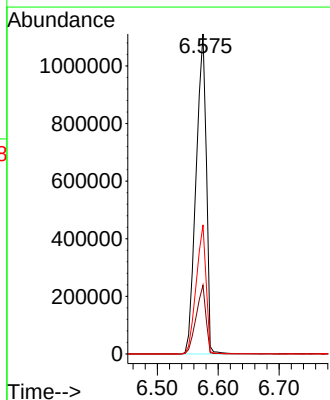
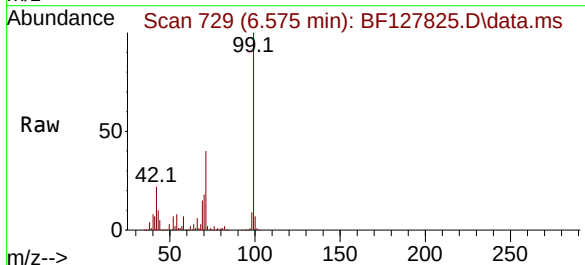
Instrument :
BNA_F
ClientSampleId :
124042

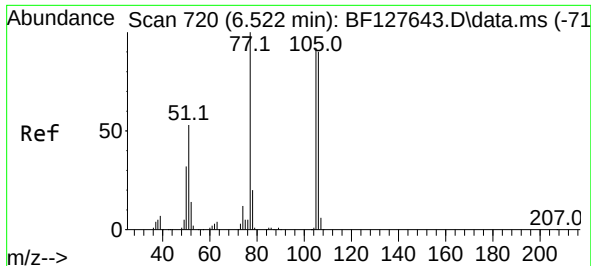
Tgt Ion:112 Resp: 1018081
Ion Ratio Lower Upper
112 100
64 65.6 58.4 87.6
63 35.9 30.1 45.1



#7
Phenol-d6
Concen: 99.833 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion: 99 Resp: 1302859
Ion Ratio Lower Upper
99 100
42 21.5 17.8 26.6
71 40.4 29.6 44.4





#9

Benzaldehyde

Concen: Below Cal

RT: 6.575 min Scan# 71

Delta R.T. 0.059 min

Lab File: BF127825.D

Acq: 18 Apr 2022 15:12

Instrument :

BNA_F

ClientSampleId :

124042

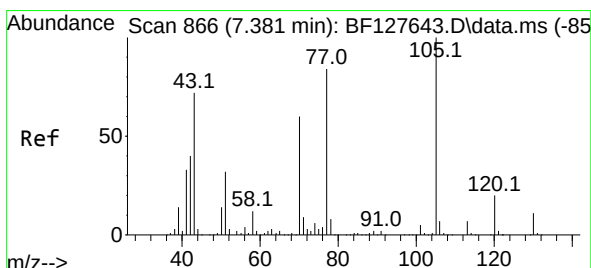
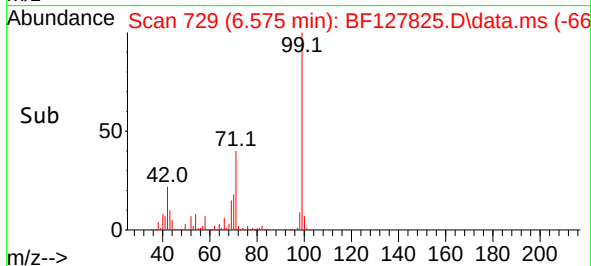
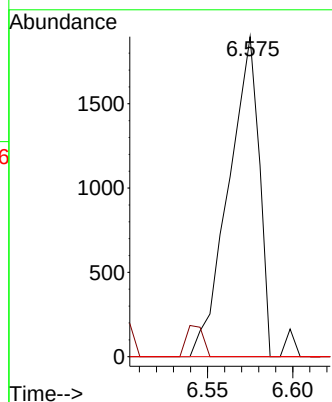
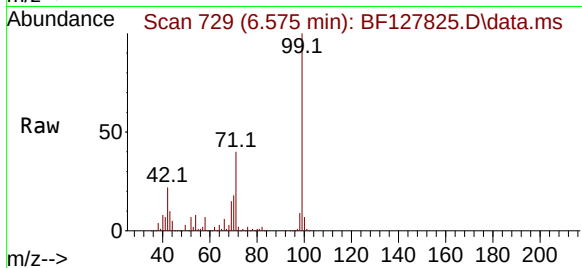
Tgt Ion: 77 Resp: 2368

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#



#19

n-Nitroso-di-n-propylamine

Concen: 14.988 ng

RT: 7.510 min Scan# 888

Delta R.T. 0.135 min

Lab File: BF127825.D

Acq: 18 Apr 2022 15:12

Tgt Ion: 70 Resp: 126513

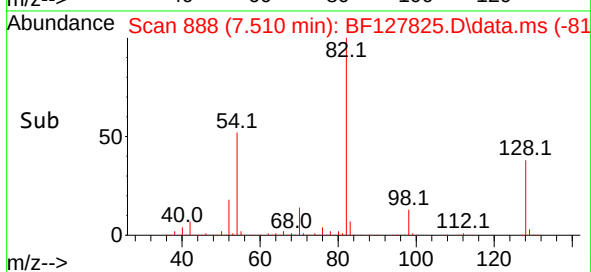
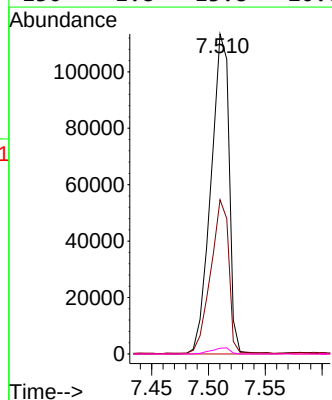
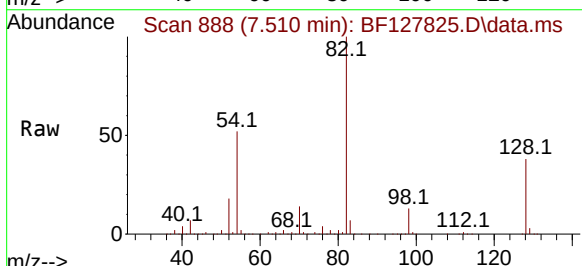
Ion Ratio Lower Upper

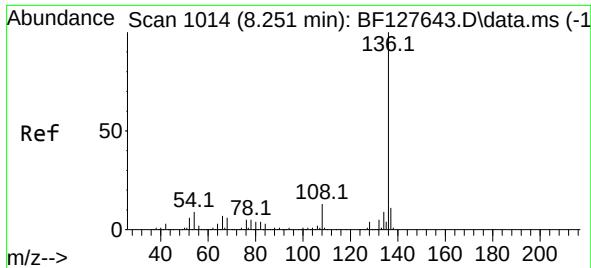
70 100

42 48.2 53.0 79.6#

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



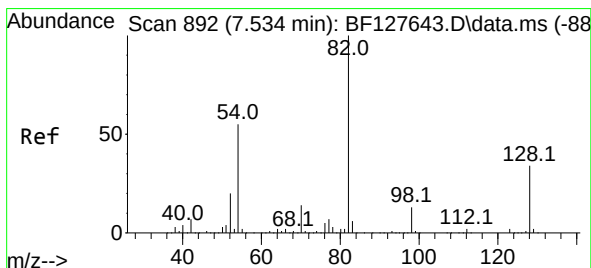
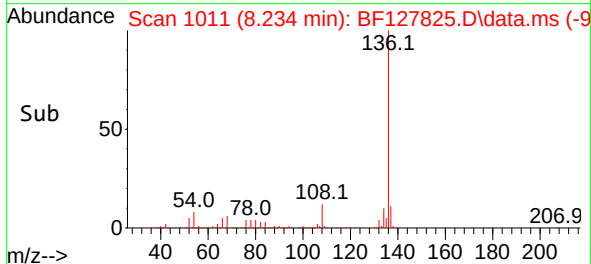
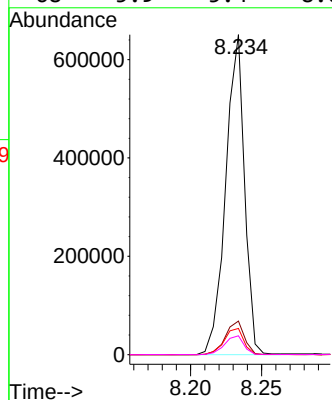
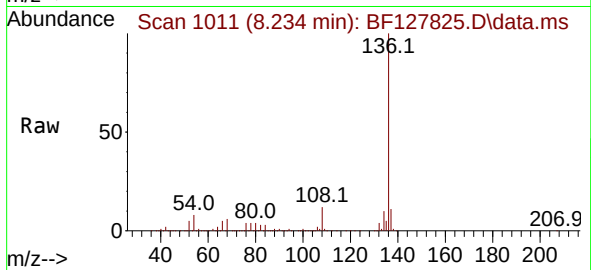


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Instrument :
BNA_F
ClientSampleId :
124042

Tgt Ion:136 Resp: 598204

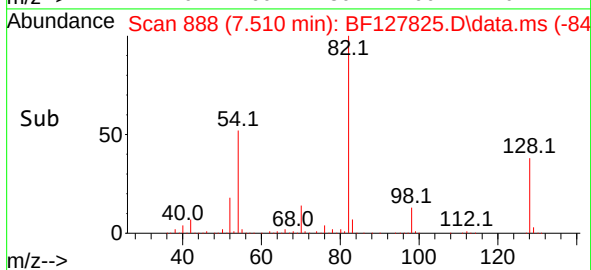
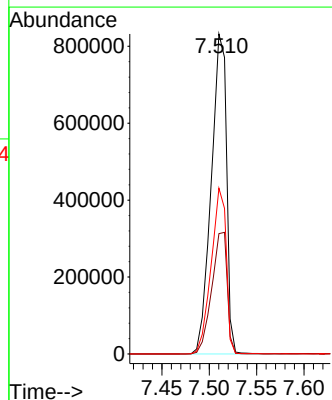
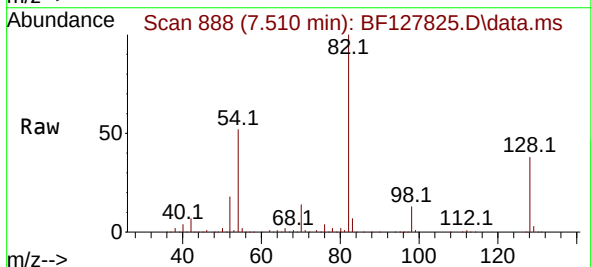
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.2	9.2	13.8#
68	5.9	5.4	8.0

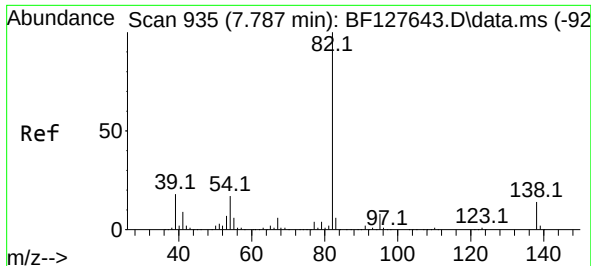


#23
Nitrobenzene-d5
Concen: 69.633 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion: 82 Resp: 934359

Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.6	45.8
54	51.8	48.2	72.2

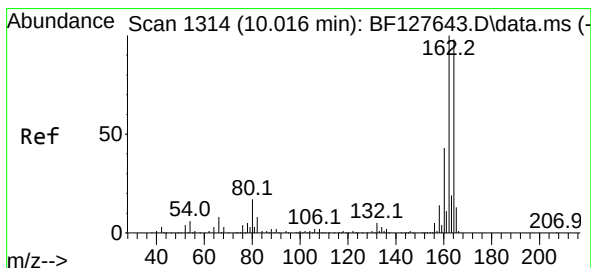
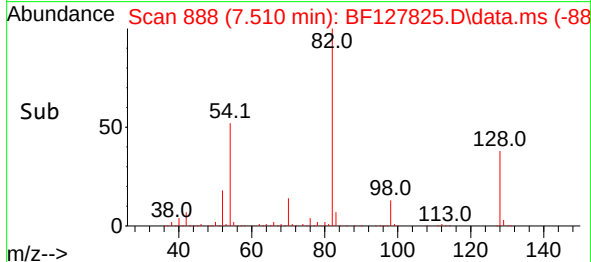
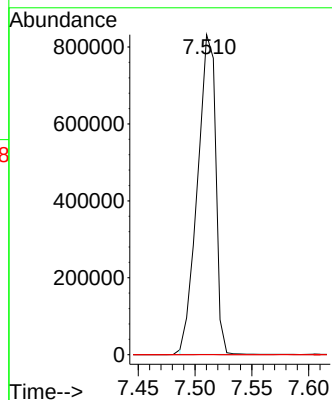
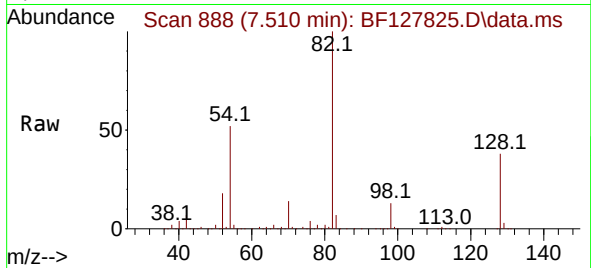




#25
Isophorone
Concen: 39.535 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.276 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

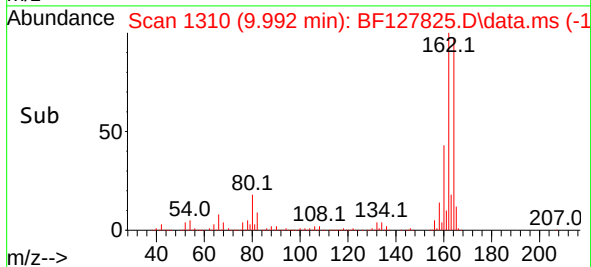
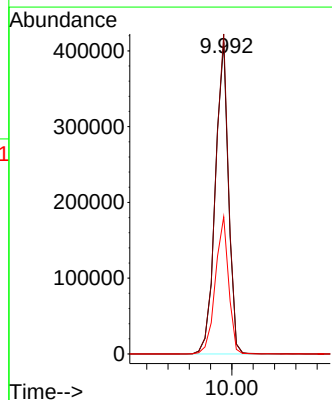
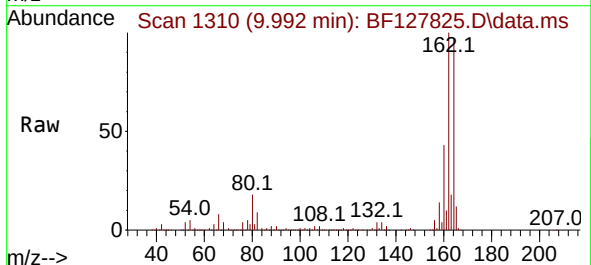
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ClientSampleId :
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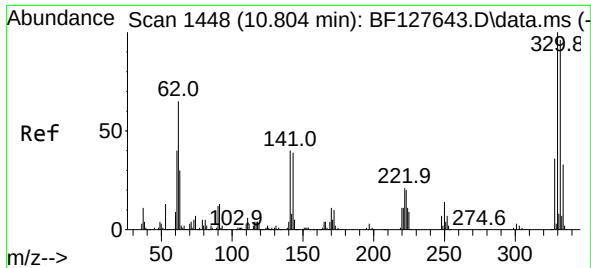
Tgt Ion: 82 Resp: 925663
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:164 Resp: 351091
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 44.0 34.6 52.0

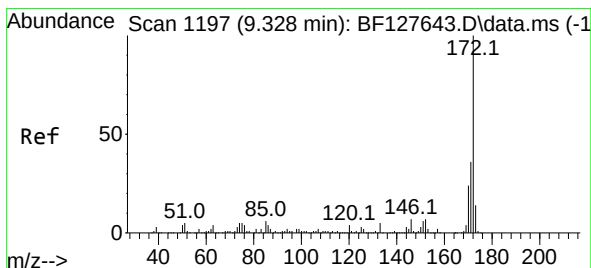
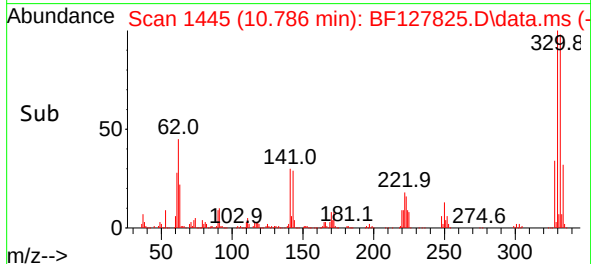
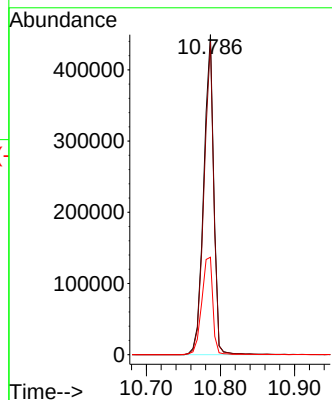
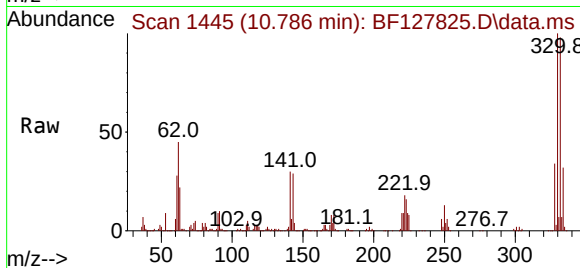




#42
2,4,6-Tribromophenol
Concen: 113.213 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

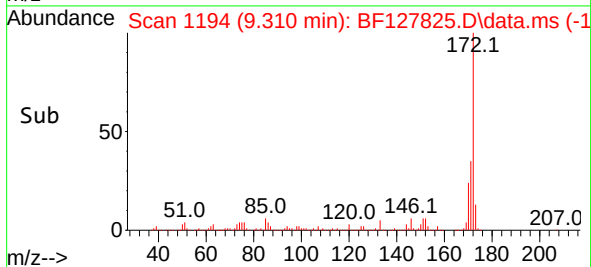
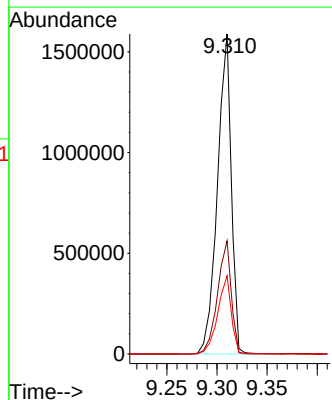
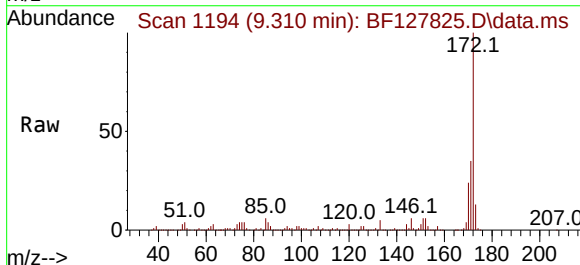
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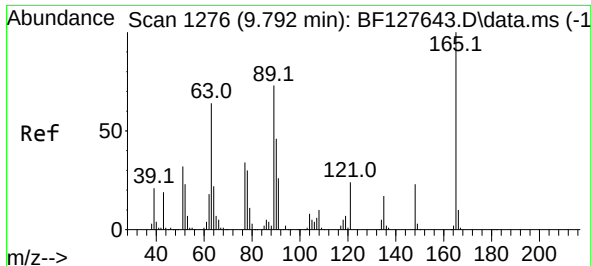
Tgt Ion:330 Resp: 422977
Ion Ratio Lower Upper
330 100
332 95.5 79.1 118.7
141 33.8 26.2 39.4



#45
2-Fluorobiphenyl
Concen: 61.536 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:172 Resp: 1527197
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.4 18.6 27.8

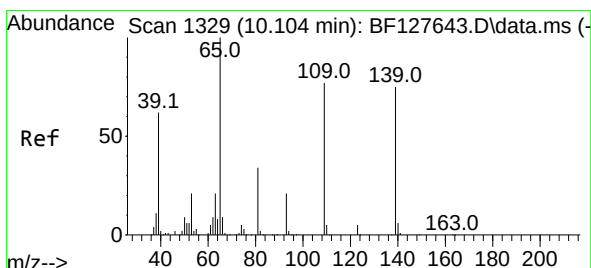
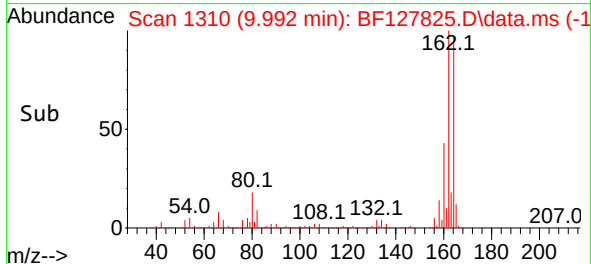
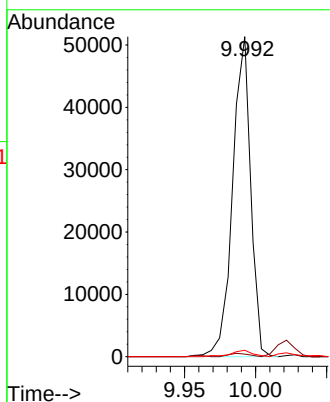
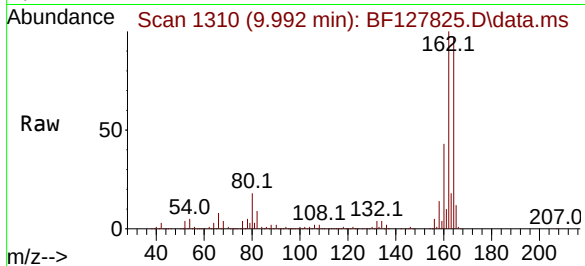




#51
2,6-Dinitrotoluene
Concen: 9.491 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

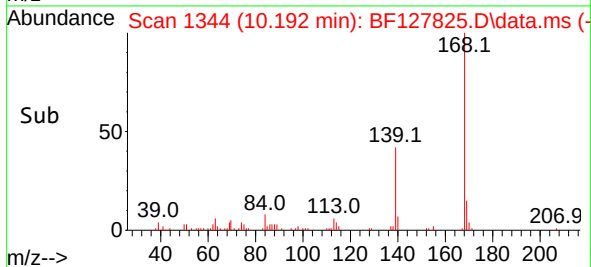
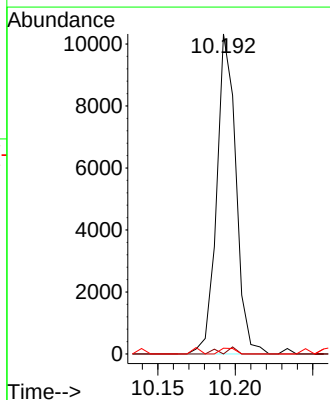
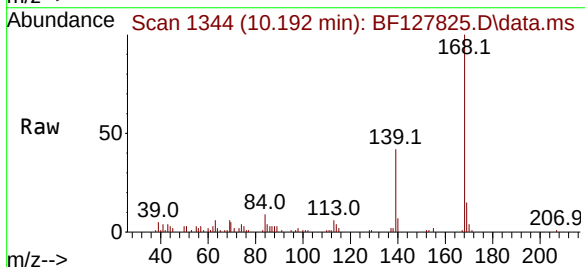
Instrument :
BNA_F
ClientSampleId :
124042

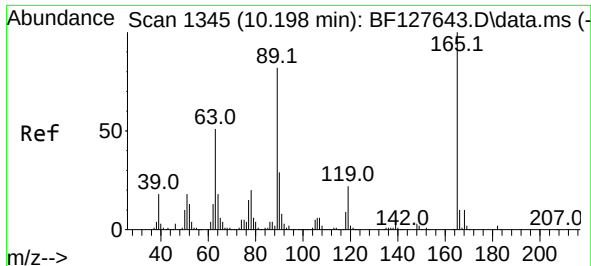
Tgt Ion:165 Resp: 45528
Ion Ratio Lower Upper
165 100
63 0.8 58.3 87.5#
89 2.0 51.5 77.3#



#56
4-Nitrophenol
Concen: 2.237 ng
RT: 10.192 min Scan# 1344
Delta R.T. 0.082 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:139 Resp: 8903
Ion Ratio Lower Upper
139 100
109 0.0 64.3 104.3#
65 1.8 117.5 157.5#

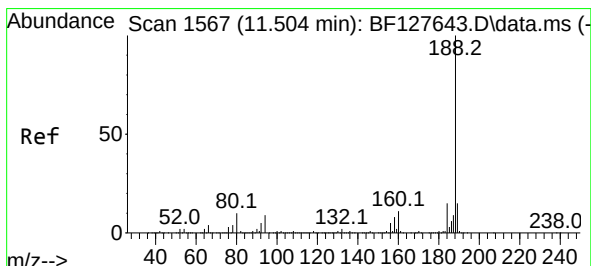
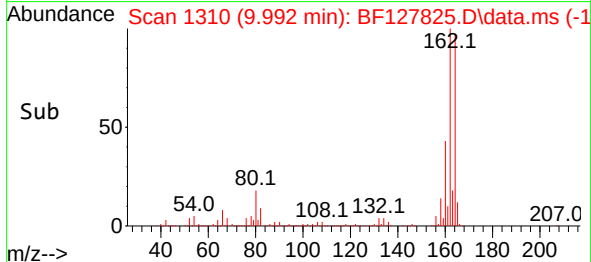
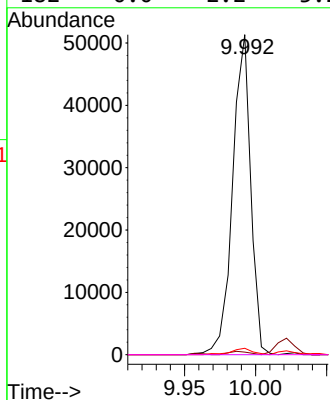
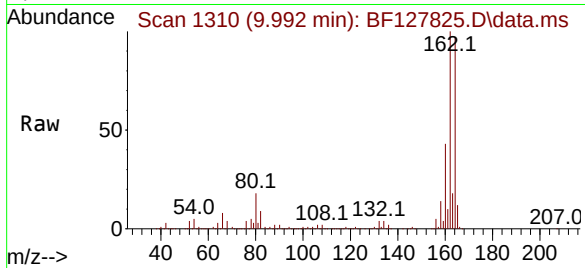




#57
2,4-Dinitrotoluene
Concen: 7.655 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

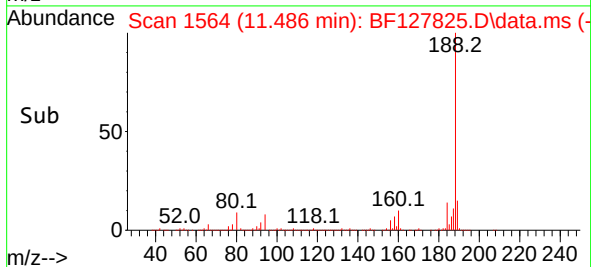
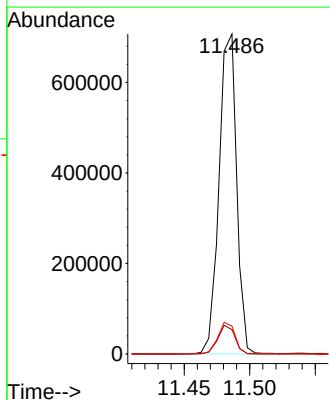
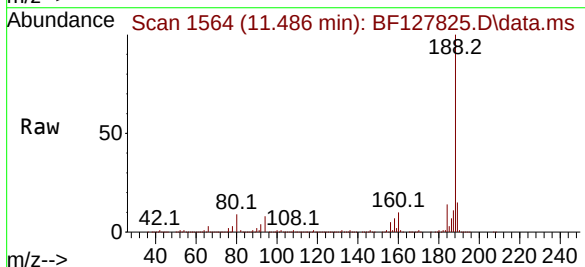
Instrument :
BNA_F
ClientSampleId :
124042

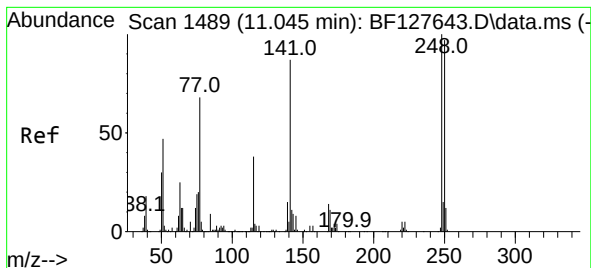
Tgt Ion:165 Resp: 45528
Ion Ratio Lower Upper
165 100
63 0.8 53.1 79.7#
89 2.0 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:188 Resp: 660124
Ion Ratio Lower Upper
188 100
94 7.6 7.4 11.0
80 8.7 8.0 12.0

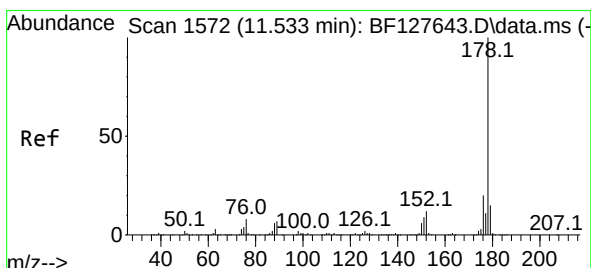
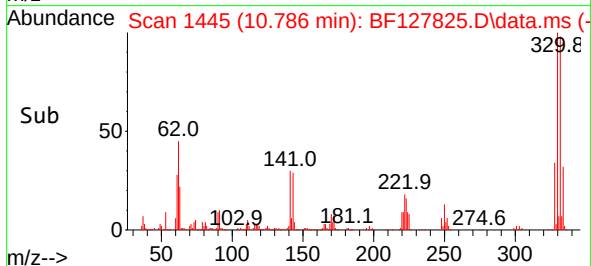
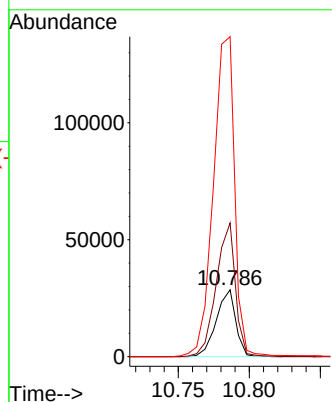
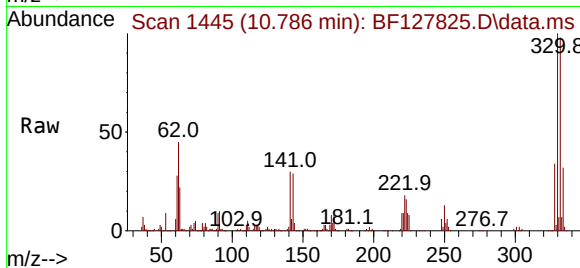




#67
4-Bromophenyl-phenylether
Concen: 3.411 ng
RT: 10.786 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

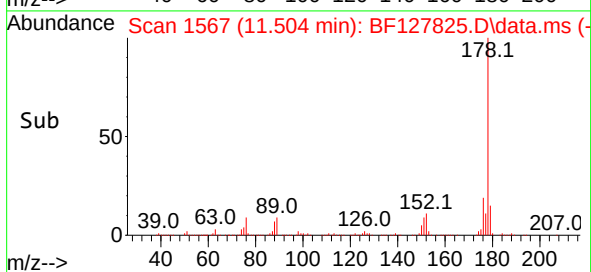
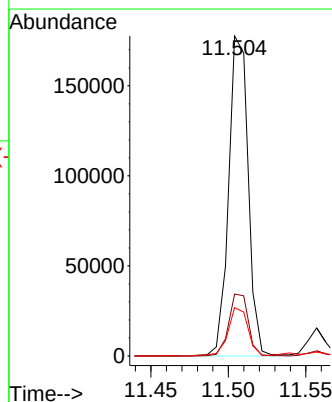
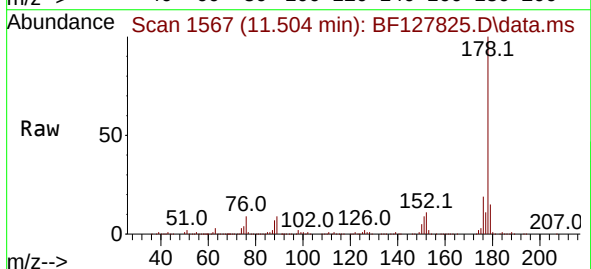
Instrument :
BNA_F
ClientSampleId :
124042

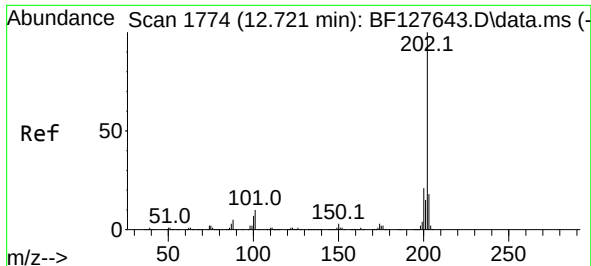
Tgt Ion:248 Resp: 27328
Ion Ratio Lower Upper
248 100
250 199.9 76.6 115.0#
141 477.9 52.2 78.2#



#71
Phenanthrene
Concen: 4.454 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:178 Resp: 155773
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.1 12.4 18.6

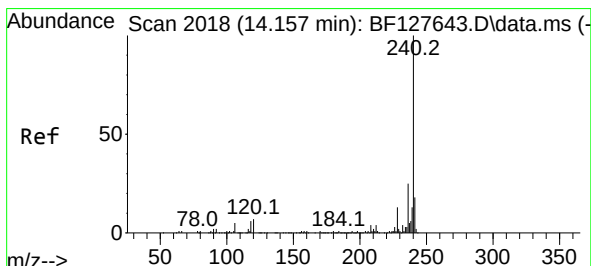
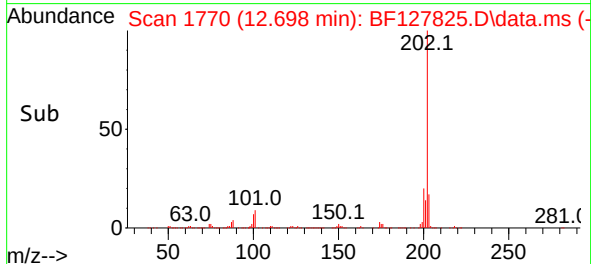
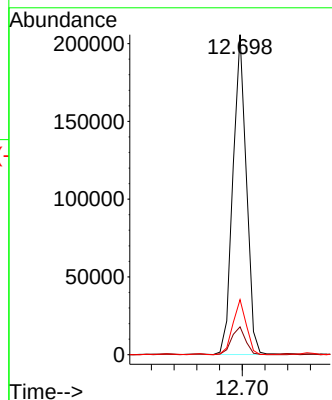
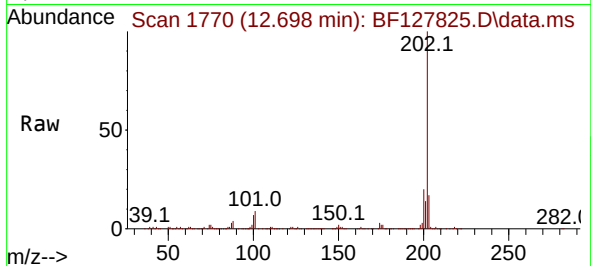




#75
Fluoranthene
Concen: 4.413 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

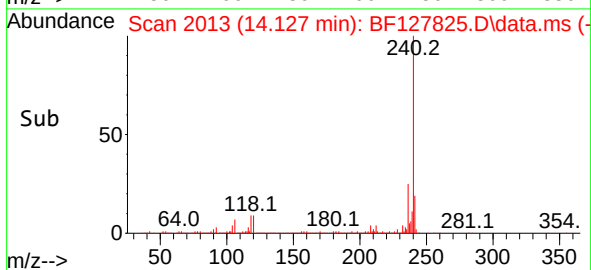
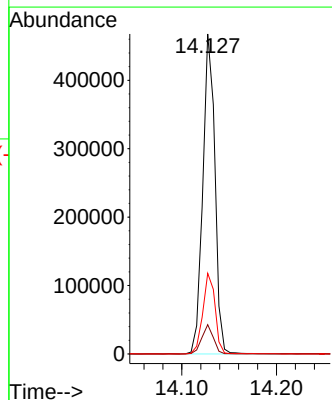
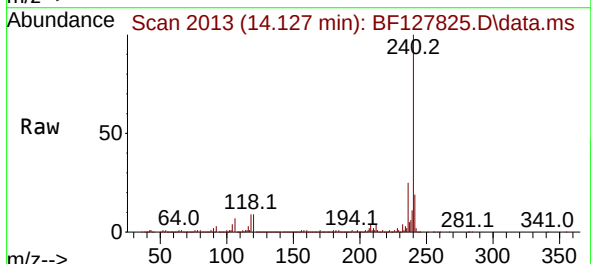
Instrument :
BNA_F
ClientSampleId :
124042

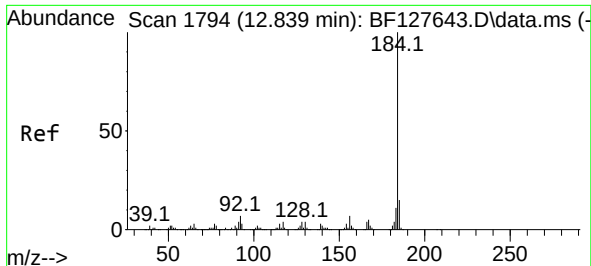
Tgt Ion:202 Resp: 168432
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.0
203 17.2 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.018 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

Tgt Ion:240 Resp: 415019
Ion Ratio Lower Upper
240 100
120 9.1 7.1 10.7
236 25.2 20.7 31.1

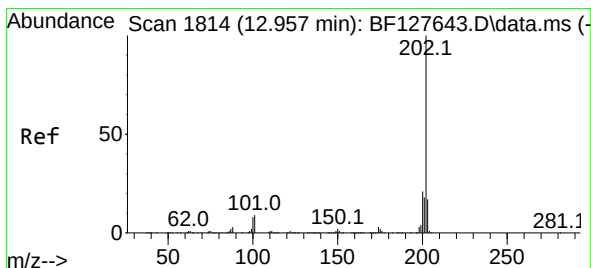
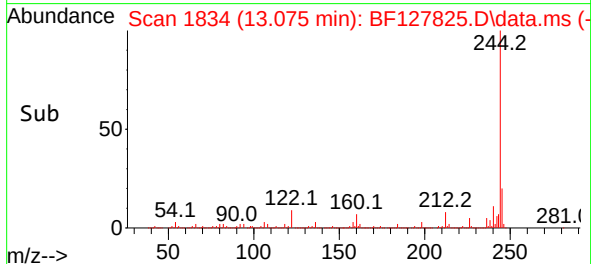
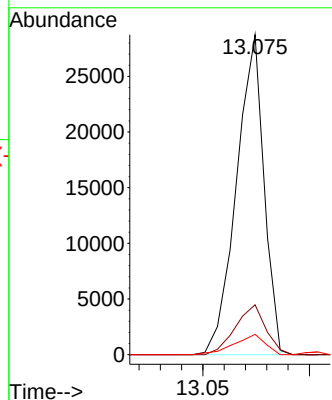
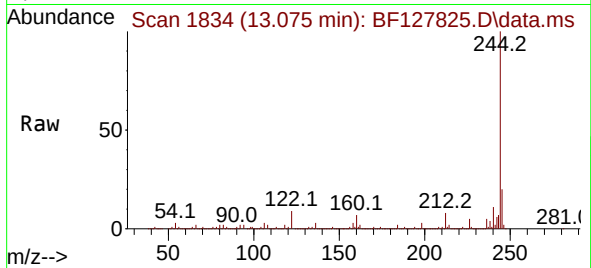




#77
Benzidine
Concen: 2.391 ng
RT: 13.075 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

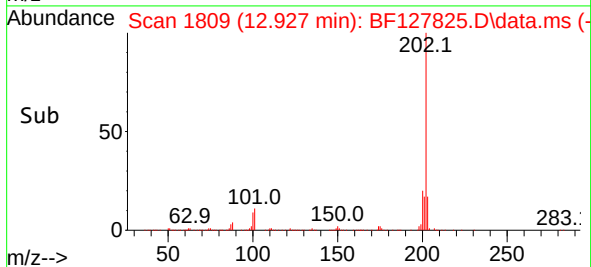
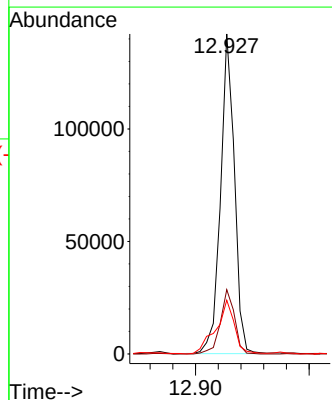
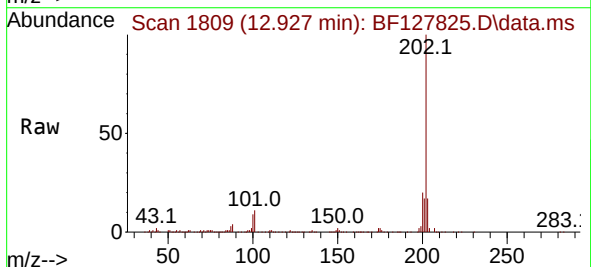
Instrument :
BNA_F
ClientSampleId :
124042

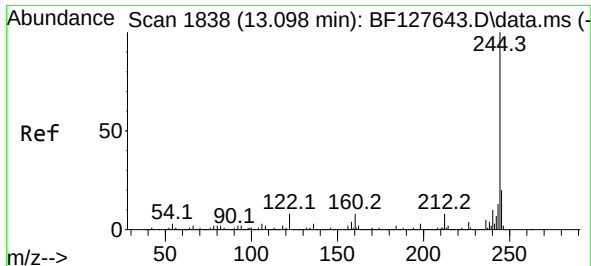
Tgt Ion:184 Resp: 25895
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 6.4 9.4 14.0#



#78
Pyrene
Concen: 3.462 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF127825.D
Acq: 18 Apr 2022 15:12

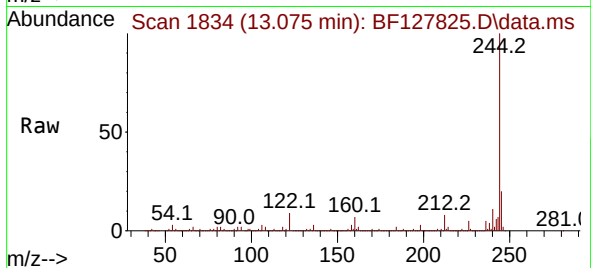
Tgt Ion:202 Resp: 121312
Ion Ratio Lower Upper
202 100
200 20.1 17.1 25.7
203 16.8 14.3 21.5



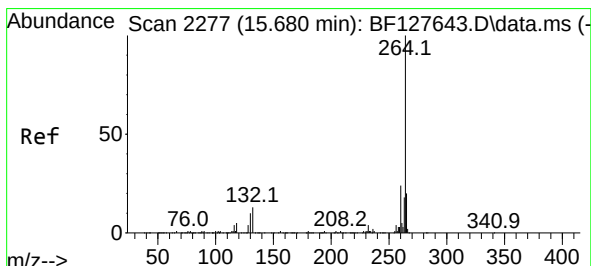
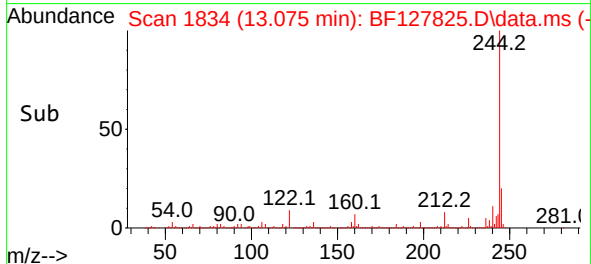
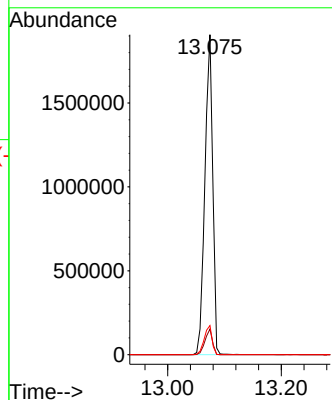


#79
 Terphenyl-d14
 Concen: 72.259 ng
 RT: 13.075 min Scan# 1834
 Delta R.T. -0.006 min
 Lab File: BF127825.D
 Acq: 18 Apr 2022 15:12

Instrument :
 BNA_F
 ClientSampleId :
 124042



Tgt Ion:244 Resp: 1816832
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 9.1 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF127825.D
 Acq: 18 Apr 2022 15:12

Tgt Ion:264 Resp: 322572
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.3 17.4 26.2

