

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129317.D
 Acq On : 22 Jul 2022 15:59
 Operator : CG\JU
 Sample : N3789-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922

Quant Time: Jul 22 16:48:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

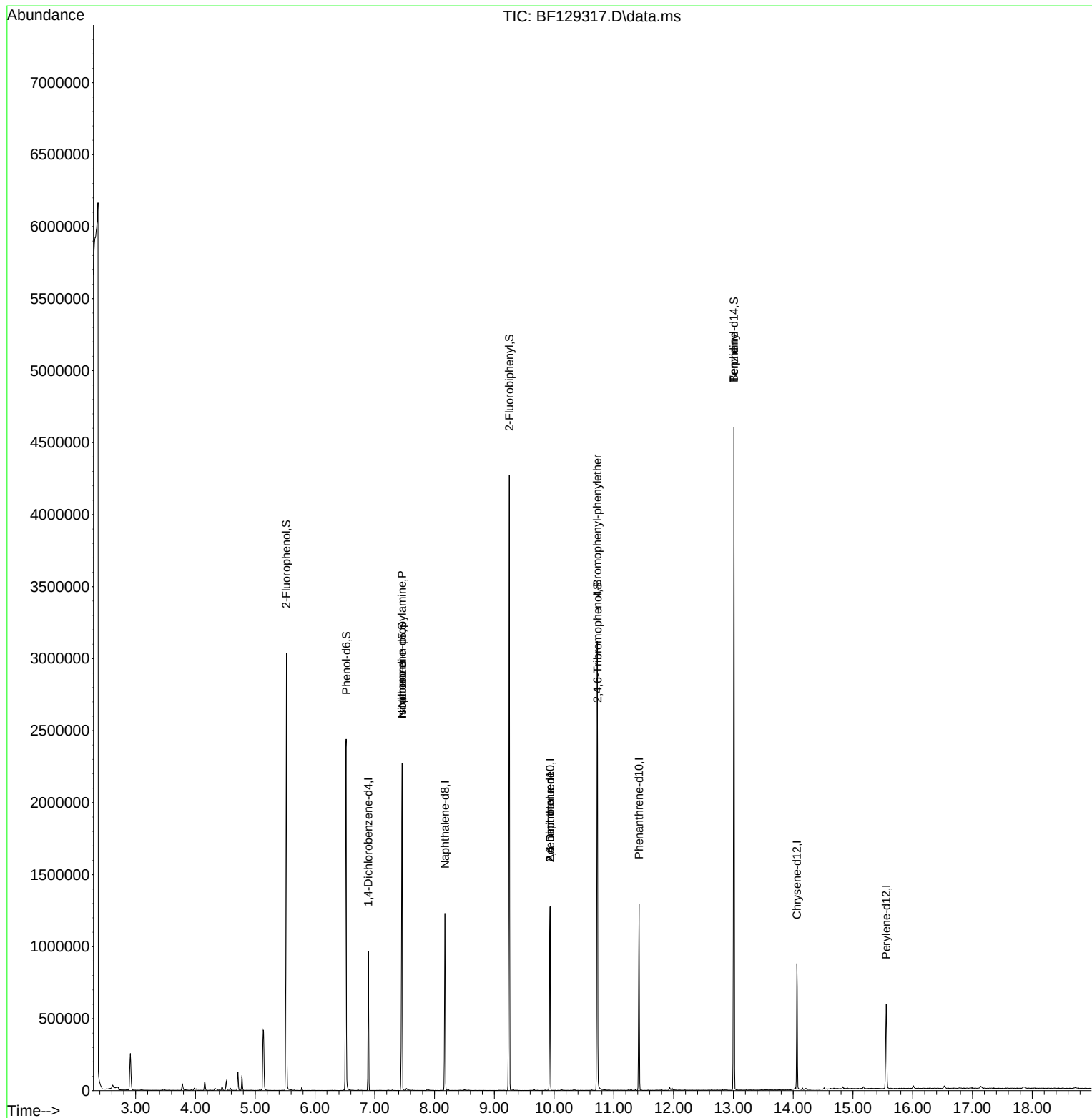
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	120624	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	478217	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	252252	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	427543	20.000	ng	0.00
76) Chrysene-d12	14.062	240	276595	20.000	ng	-0.02
86) Perylene-d12	15.556	264	249893	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	757727	102.457	ng	0.00
7) Phenol-d6	6.522	99	859559	91.175	ng	0.00
23) Nitrobenzene-d5	7.457	82	708973	79.760	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	356950	146.669	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1190680	72.614	ng	0.00
79) Terphenyl-d14	13.010	244	1465799	98.699	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	97910	17.430	ng	# 74
25) Isophorone	7.457	82	708966	45.429	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	33496	8.632	ng	# 25
57) 2,4-Dinitrotoluene	9.933	165	33496	6.584	ng	# 21
67) 4-Bromophenyl-phenylether	10.721	248	22573	4.893	ng	# 1
77) Benzydine	13.010	184	22138	2.008	ng	# 94

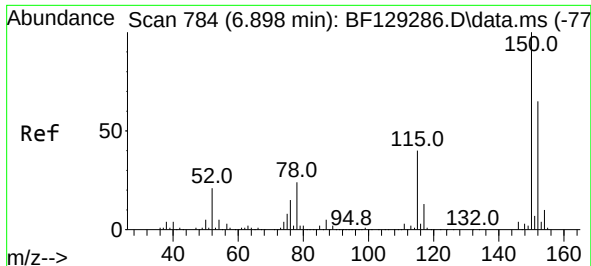
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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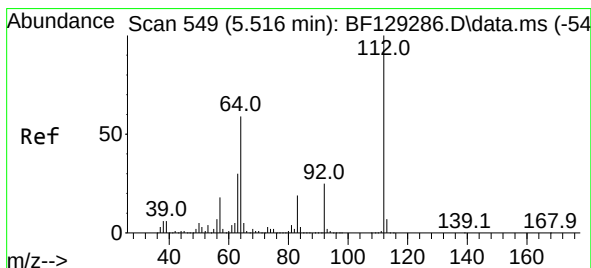
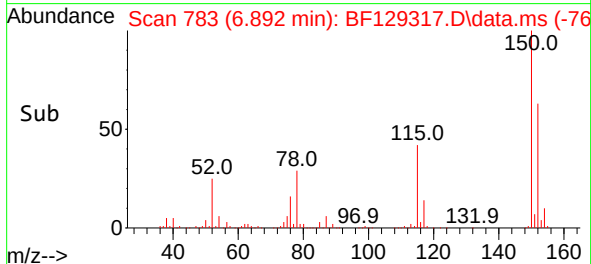
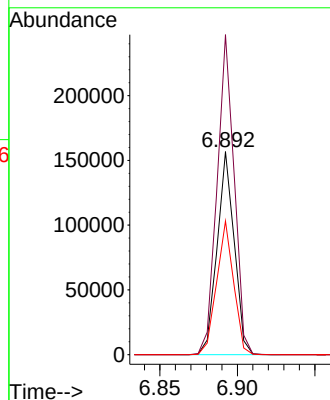
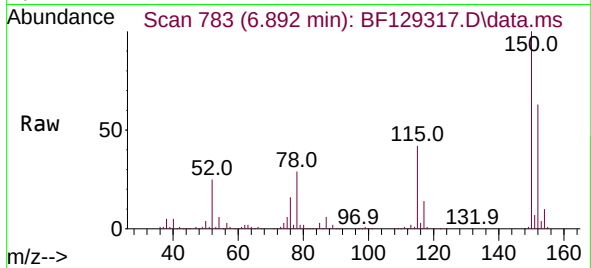




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

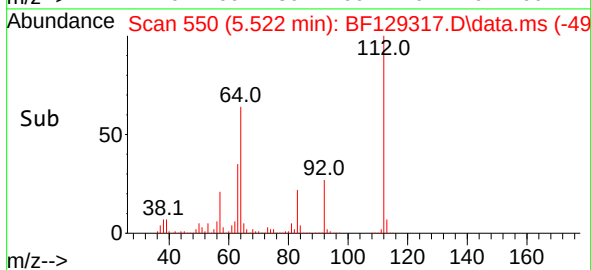
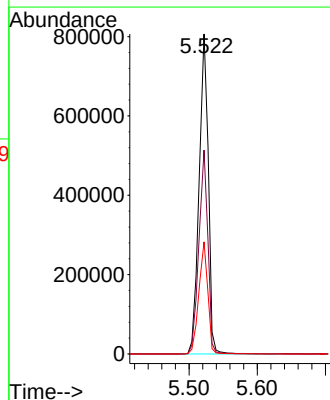
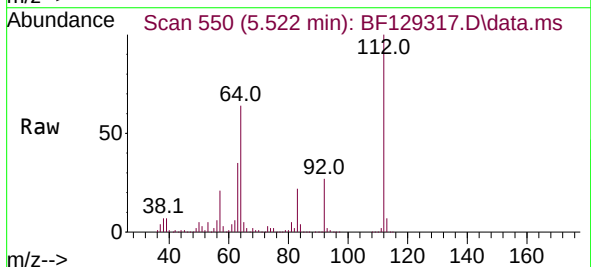
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922

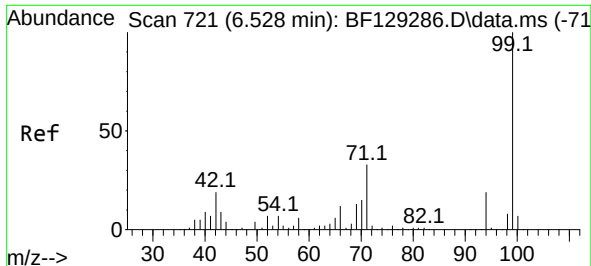
Tgt Ion:152 Resp: 120624
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 65.8 49.9 74.9



#5
2-Fluorophenol
Concen: 102.457 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Tgt Ion:112 Resp: 757727
Ion Ratio Lower Upper
112 100
64 63.7 53.3 79.9
63 35.1 28.0 42.0

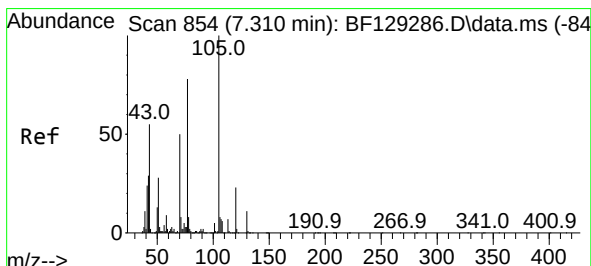
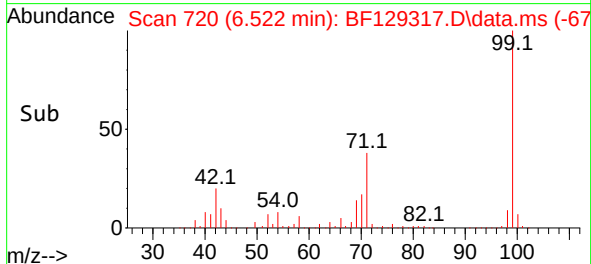
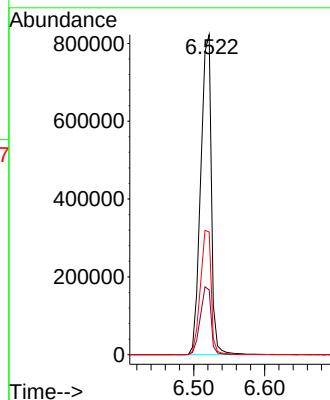
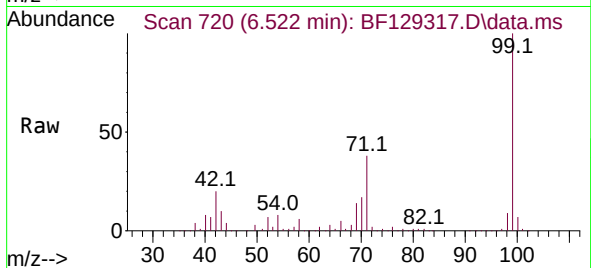




#7
Phenol-d6
Concen: 91.175 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

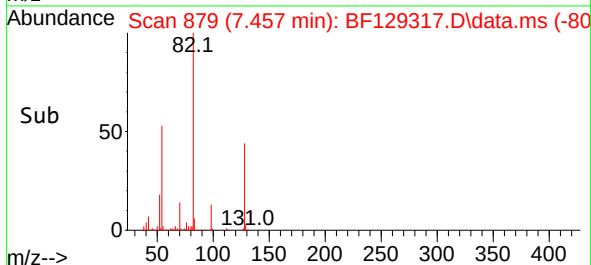
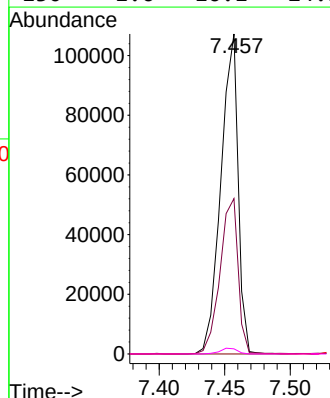
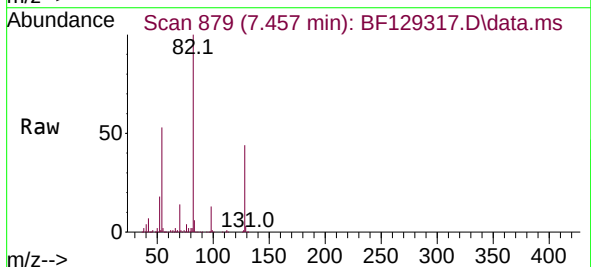
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922

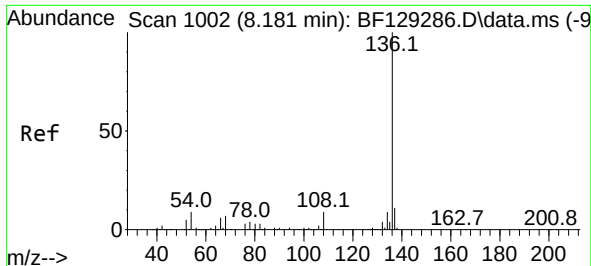
Tgt Ion: 99 Resp: 859559
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 38.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.430 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Tgt Ion: 70 Resp: 97910
Ion Ratio Lower Upper
70 100
42 48.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#



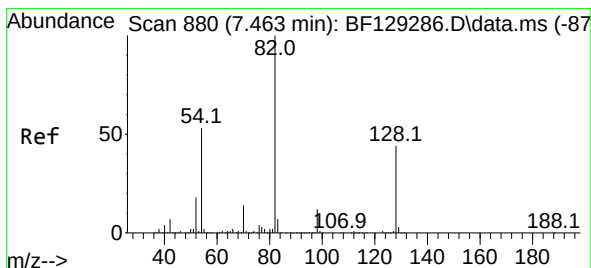
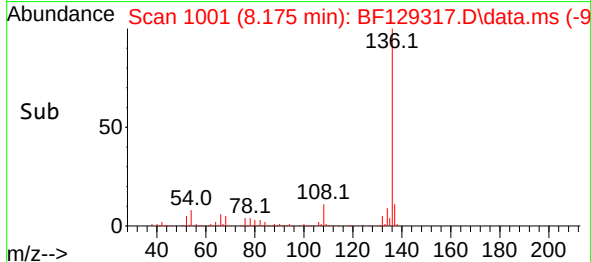
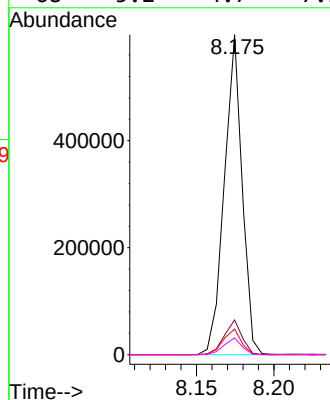
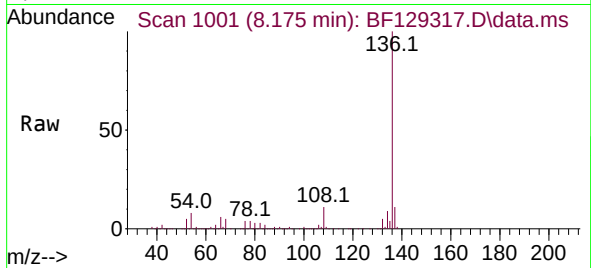


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922

Tgt Ion:136 Resp: 478217

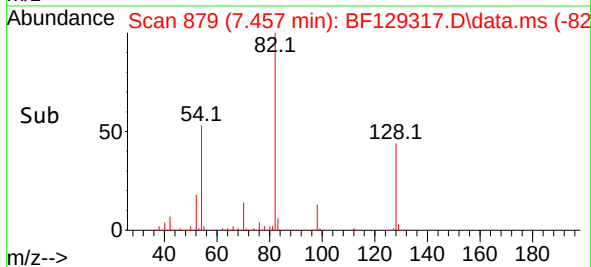
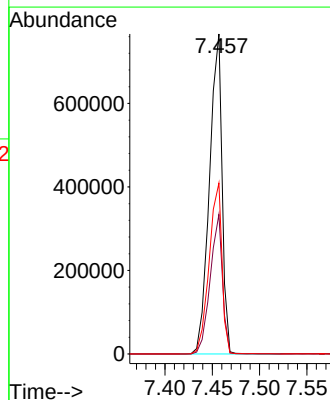
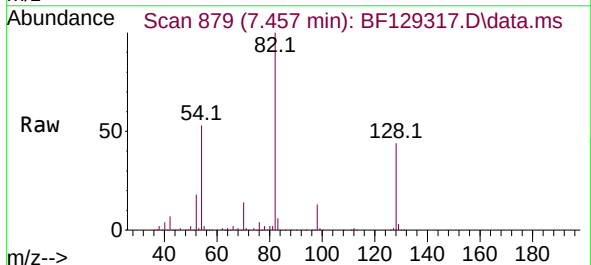
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	7.5	11.3
68	5.2	4.7	7.1

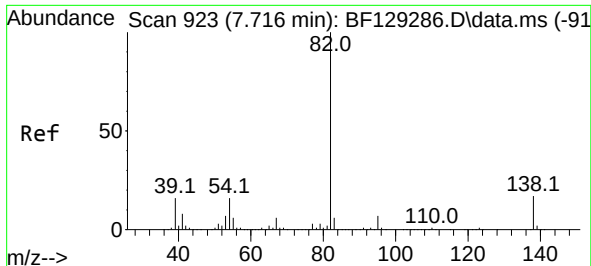


#23
Nitrobenzene-d5
Concen: 79.760 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Tgt Ion: 82 Resp: 708973

Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	53.4	46.9	70.3

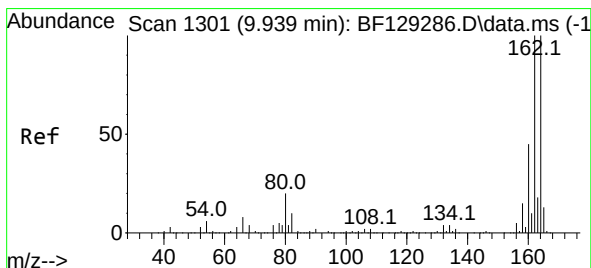
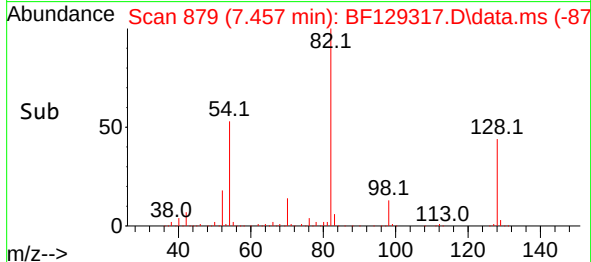
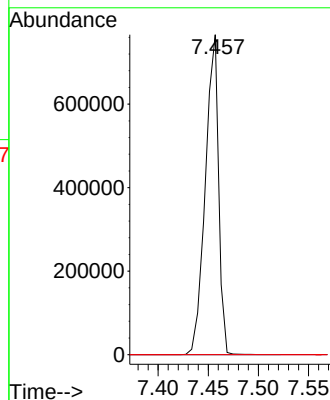
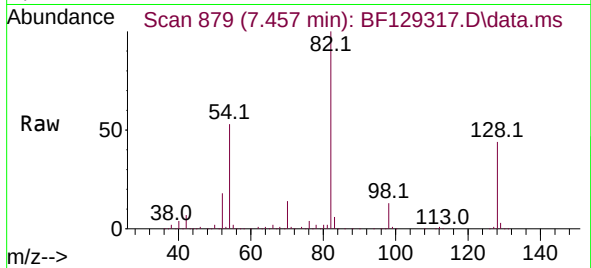




#25
Isophorone
Concen: 45.429 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

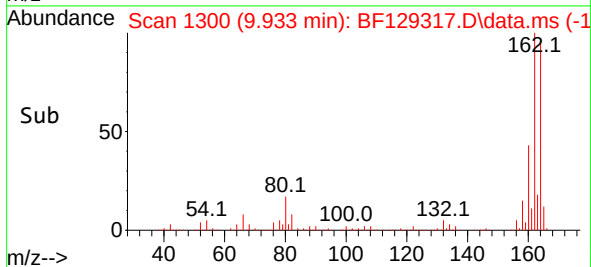
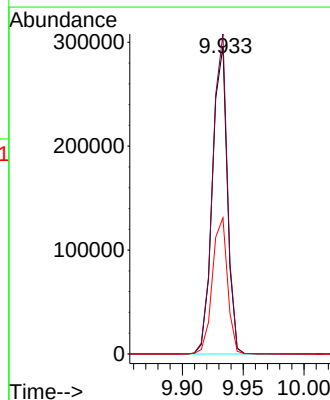
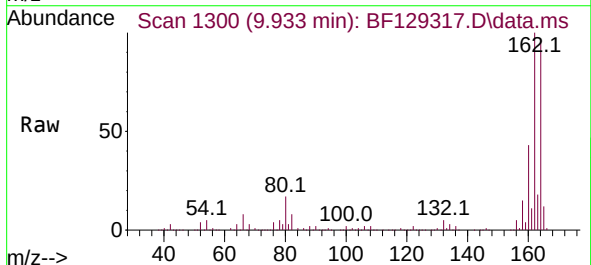
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922

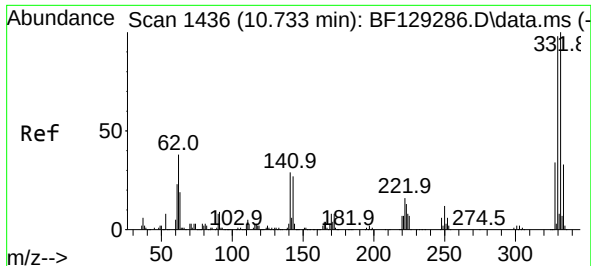
Tgt Ion: 82 Resp: 708966
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Tgt Ion:164 Resp: 252252
Ion Ratio Lower Upper
164 100
162 104.0 79.5 119.3
160 44.3 34.2 51.4

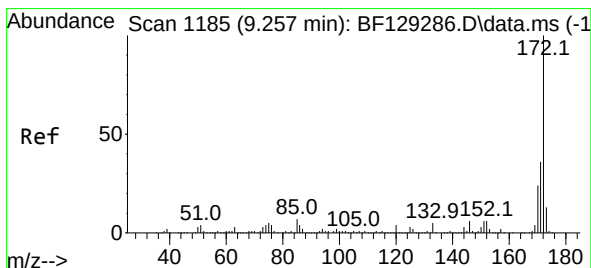
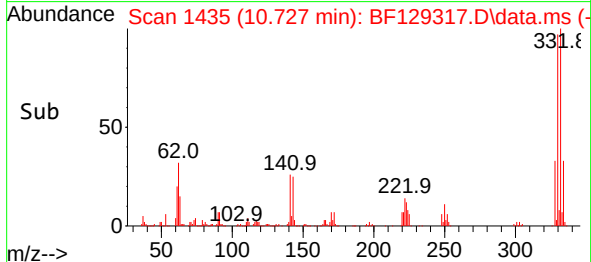
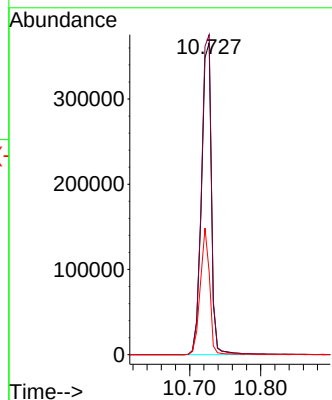
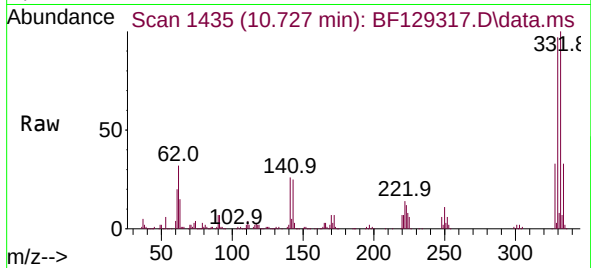




#42
2,4,6-Tribromophenol
Concen: 146.669 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

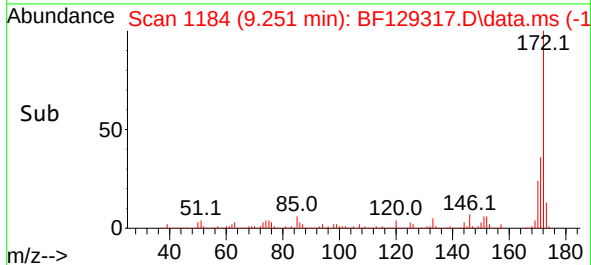
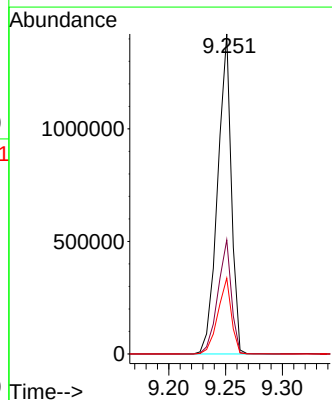
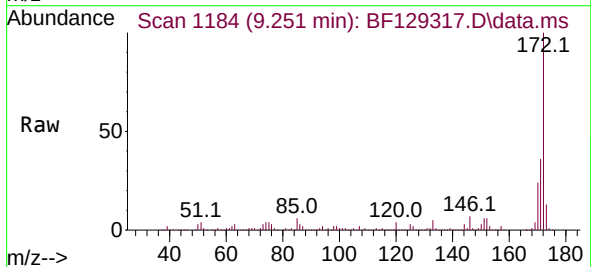
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ClientSampleId :
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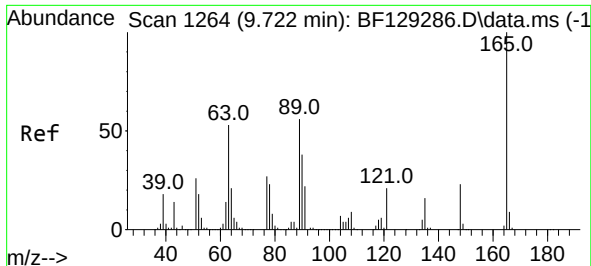
Tgt Ion:330 Resp: 356950
Ion Ratio Lower Upper
330 100
332 103.4 76.8 115.2
141 38.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 72.614 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Tgt Ion:172 Resp: 1190680
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.632 ng

RT: 9.933 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF129317.D

Acq: 22 Jul 2022 15:59

Instrument :

BNA_F

ClientSampleId :

IDW-VB1-071922

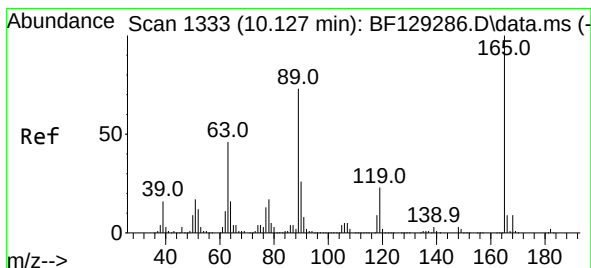
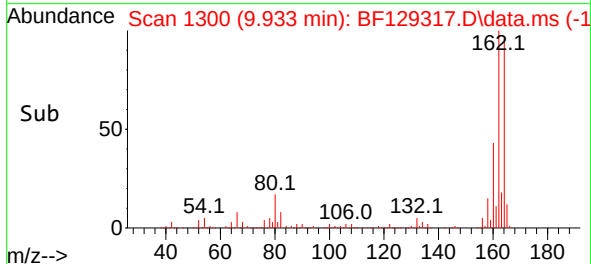
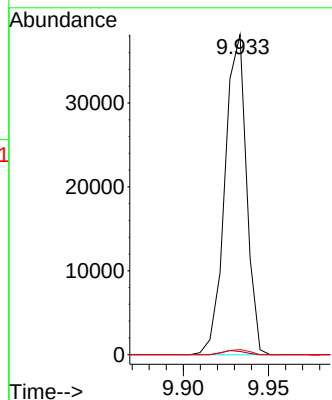
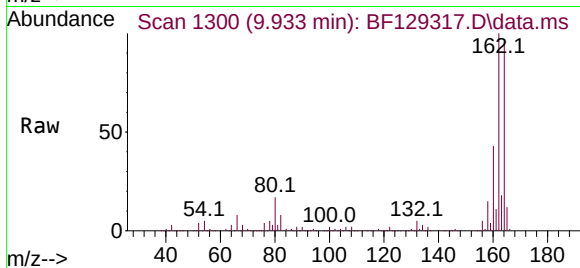
Tgt Ion:165 Resp: 33496

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.584 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF129317.D

Acq: 22 Jul 2022 15:59

Tgt Ion:165 Resp: 33496

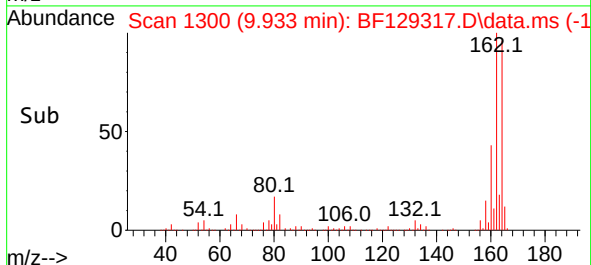
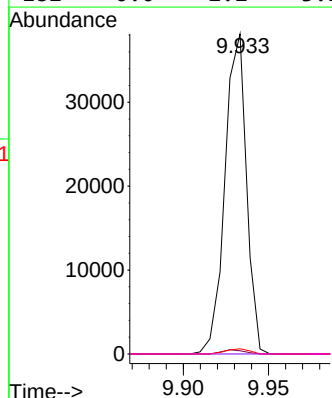
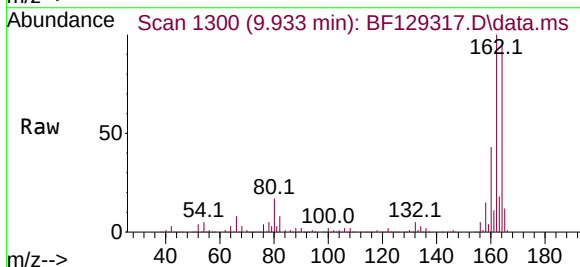
Ion Ratio Lower Upper

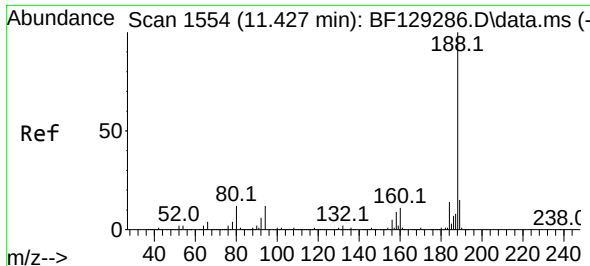
165 100

63 1.0 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

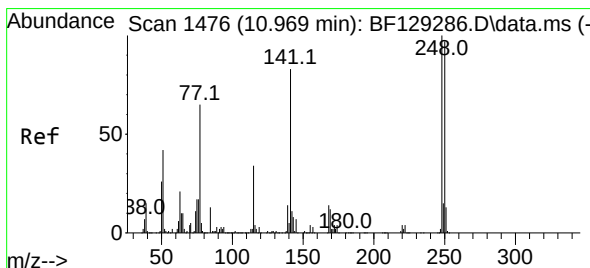
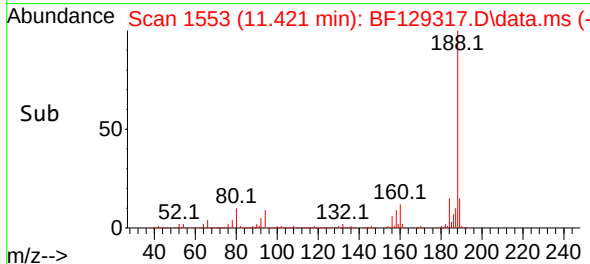
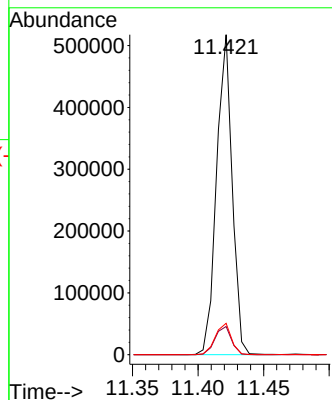
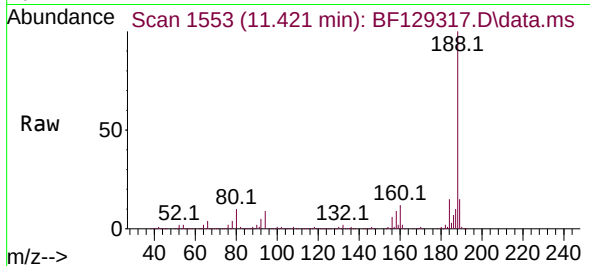




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

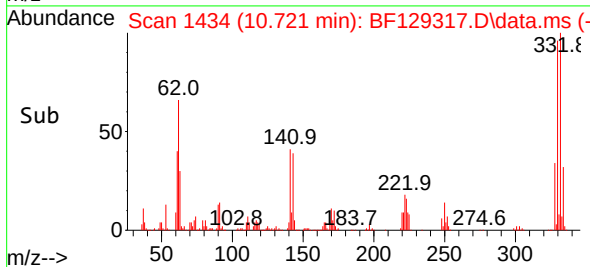
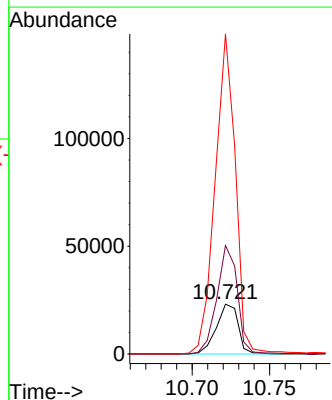
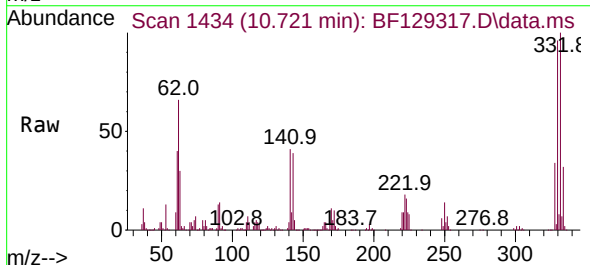
Instrument :
BNA_F
ClientSampleId :
IDW-VB1-071922

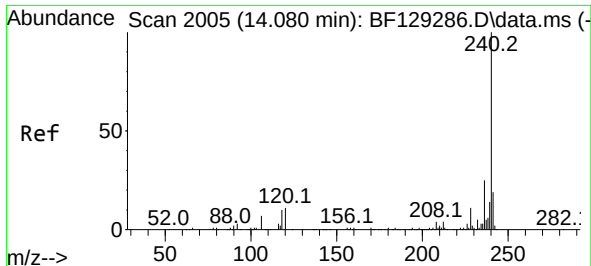
Tgt Ion:188 Resp: 427543
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.8 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.893 ng
RT: 10.721 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Tgt Ion:248 Resp: 22573
Ion Ratio Lower Upper
248 100
250 218.2 80.6 120.8#
141 643.3 58.9 88.3#

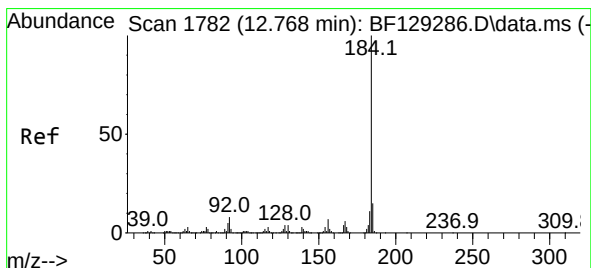
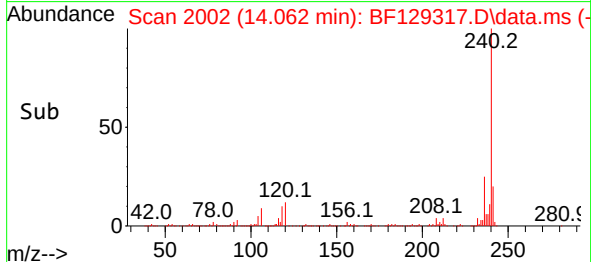
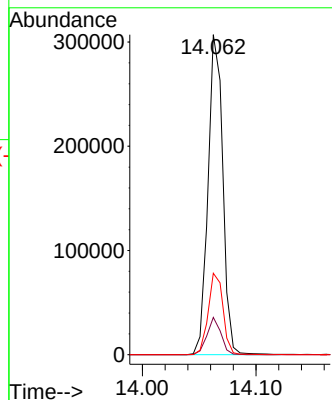
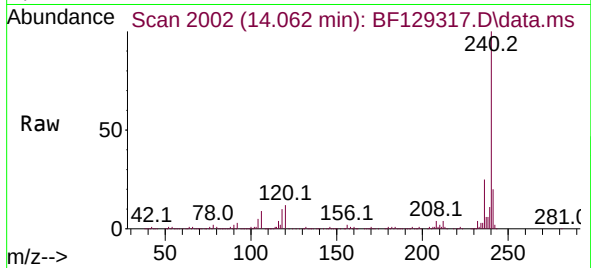




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

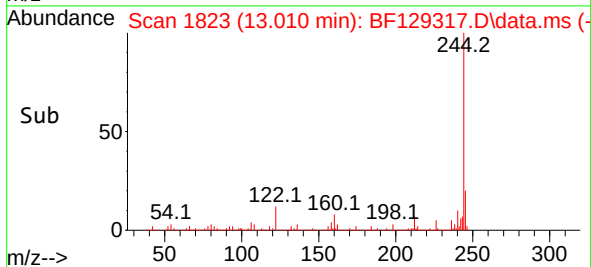
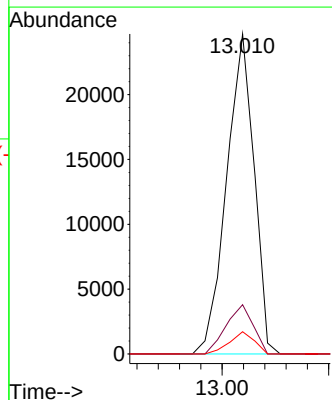
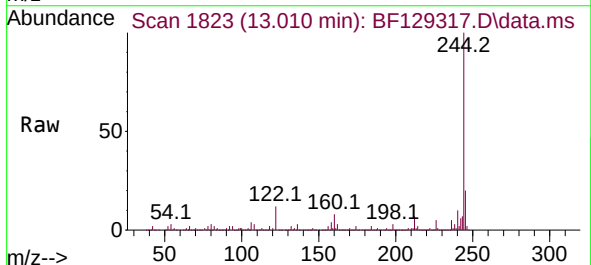
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BNA_F
ClientSampleId :
IDW-VB1-071922

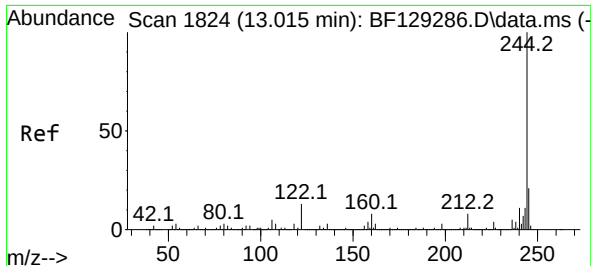
Tgt Ion:240 Resp: 276595
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 25.5 20.8 31.2



#77
Benzidine
Concen: 2.008 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF129317.D
Acq: 22 Jul 2022 15:59

Tgt Ion:184 Resp: 22138
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 7.0 9.3 13.9#

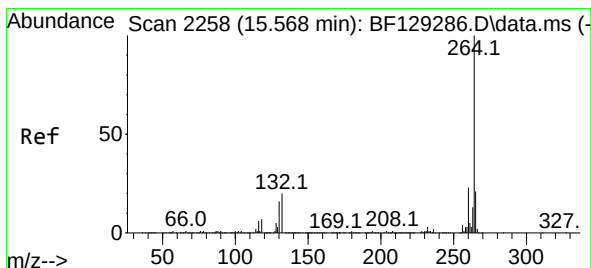
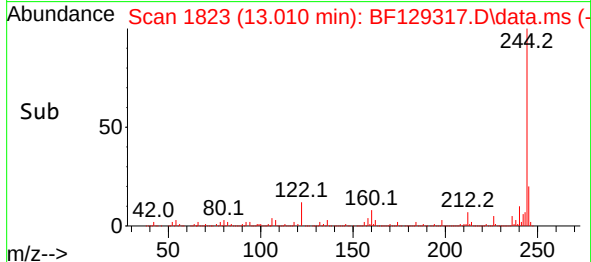
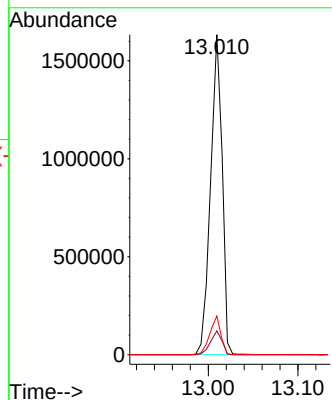
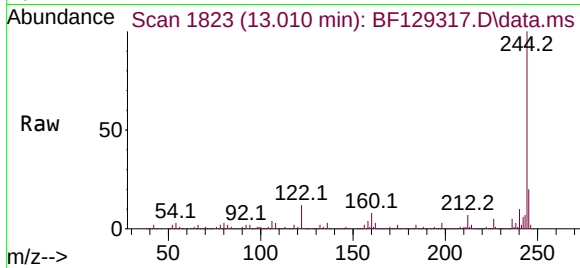




#79
 Terphenyl-d14
 Concen: 98.699 ng
 RT: 13.010 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF129317.D
 Acq: 22 Jul 2022 15:59

Instrument :
 BNA_F
 ClientSampleId :
 IDW-VB1-071922

Tgt Ion:244 Resp: 1465799
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 12.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2256
 Delta R.T. -0.012 min
 Lab File: BF129317.D
 Acq: 22 Jul 2022 15:59

Tgt Ion:264 Resp: 249893
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 20.8 17.2 25.8

