

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127667.D
 Acq On : 07 Apr 2022 00:28
 Operator : CG\JU
 Sample : N2267-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-SOUTH

Quant Time: Apr 07 02:41:01 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 06 13:55:27 2022
 Response via : Initial Calibration

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

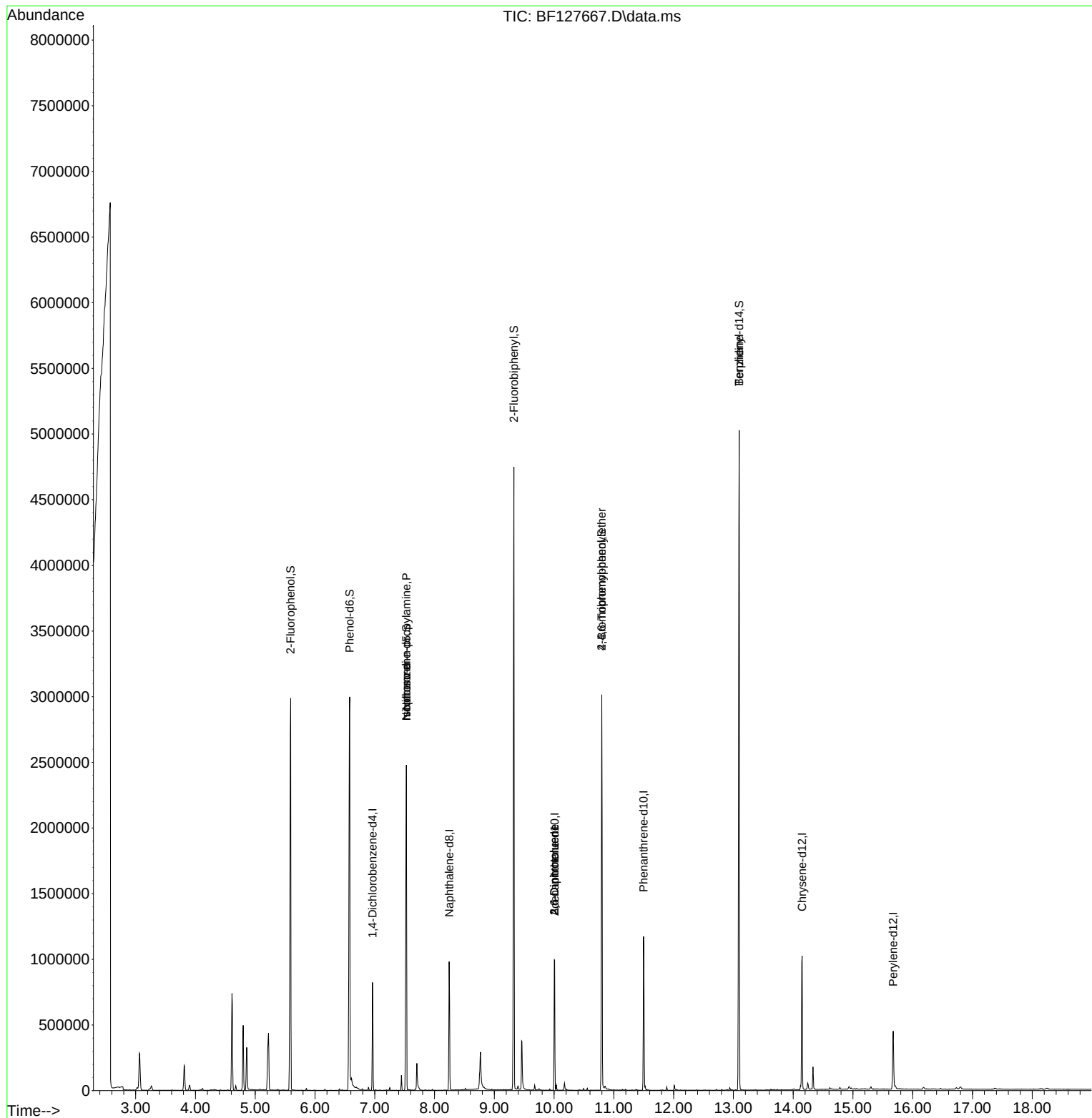
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	101419	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	380019	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	205569	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	418211	20.000	ng	0.00
76) Chrysene-d12	14.151	240	367215	20.000	ng	0.00
86) Perylene-d12	15.674	264	178482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	805082	128.988	ng	0.01
7) Phenol-d6	6.581	99	913780	111.911	ng	0.00
23) Nitrobenzene-d5	7.528	82	788263	92.474	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	332263	151.887	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	1387187	95.462	ng	0.00
79) Terphenyl-d14	13.098	244	1853427	83.310	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	289	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.528	70	107958	20.442	ng	# 79
25) Isophorone	7.528	82	788248	52.995	ng	# 70
51) 2,6-Dinitrotoluene	10.004	165	26882	9.571	ng	# 17
57) 2,4-Dinitrotoluene	10.004	165	26882	7.720	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	23137	4.559	ng	# 1
77) Benzydine	13.098	184	28218	2.944	ng	# 94

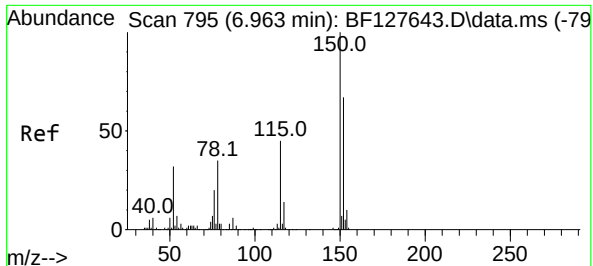
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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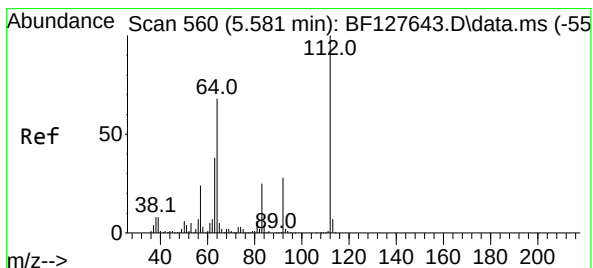
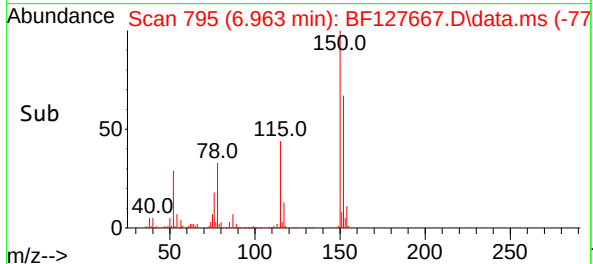
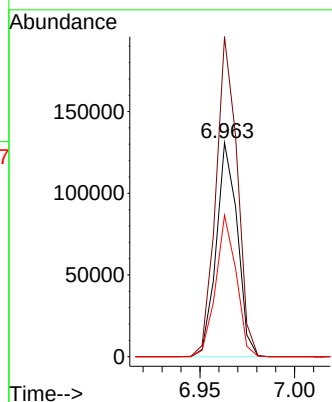
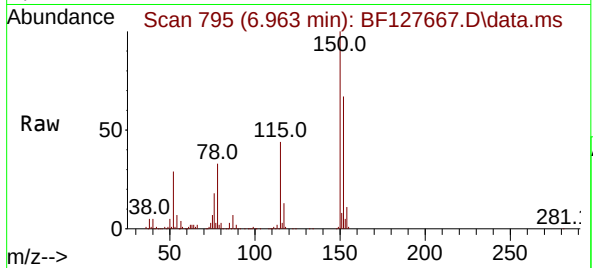




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

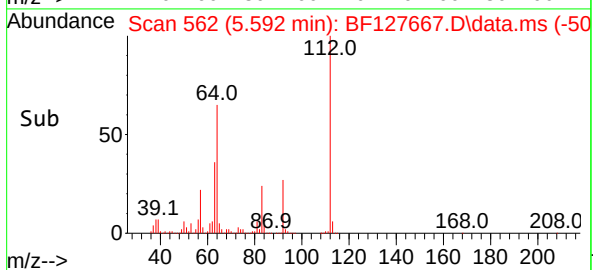
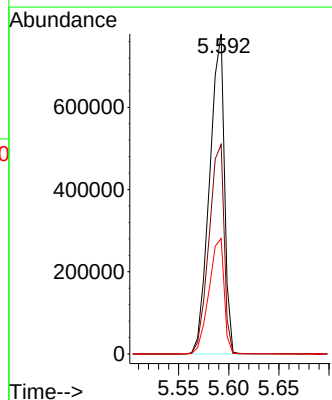
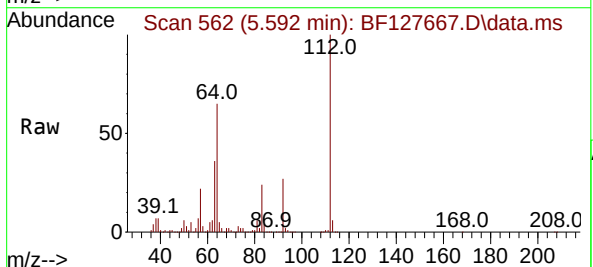
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

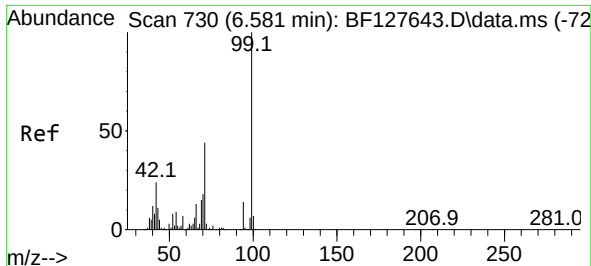
Tgt Ion:152 Resp: 101419
Ion Ratio Lower Upper
152 100
150 149.5 117.2 175.8
115 66.1 49.8 74.6



#5
2-Fluorophenol
Concen: 128.988 ng
RT: 5.592 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion:112 Resp: 805082
Ion Ratio Lower Upper
112 100
64 65.5 58.4 87.6
63 36.1 30.1 45.1

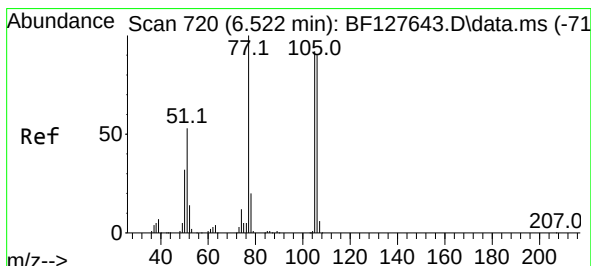
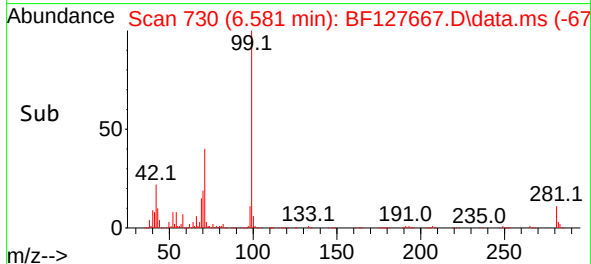
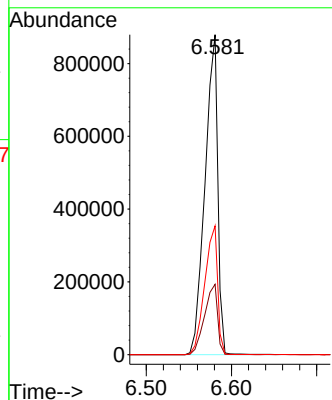
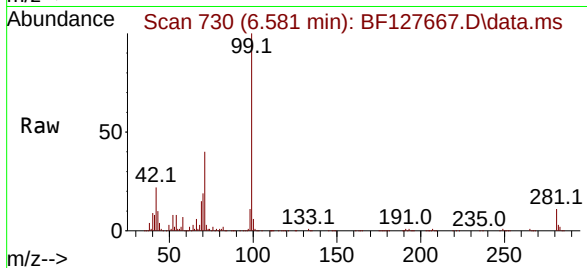




#7
Phenol-d6
Concen: 111.911 ng
RT: 6.581 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

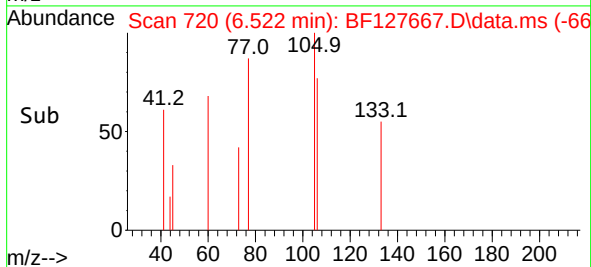
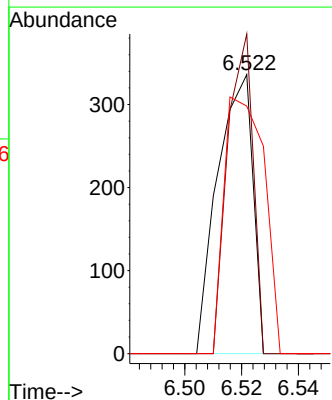
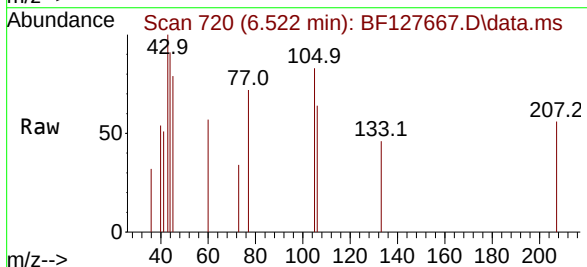
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

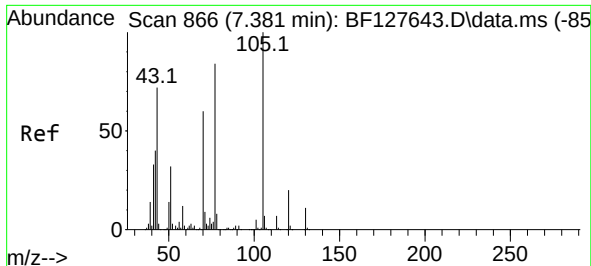
Tgt Ion: 99 Resp: 913780
Ion Ratio Lower Upper
99 100
42 22.0 17.8 26.6
71 40.2 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.522 min Scan# 720
Delta R.T. -0.000 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion: 77 Resp: 289
Ion Ratio Lower Upper
77 100
105 114.6 66.8 106.8#
106 88.7 64.3 104.3

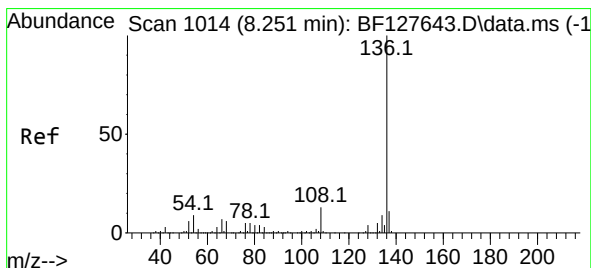
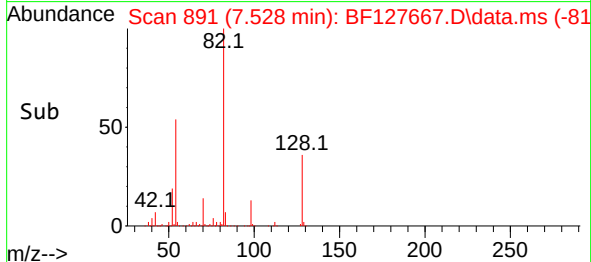
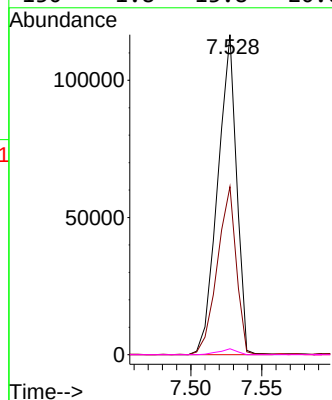
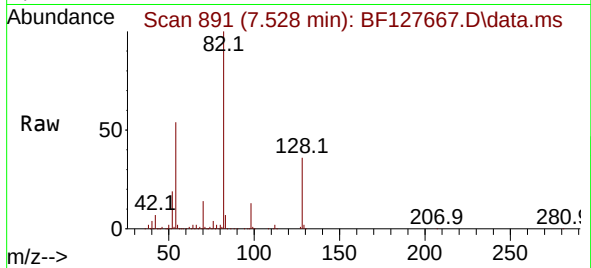




#19
n-Nitroso-di-n-propylamine
Concen: 20.442 ng
RT: 7.528 min Scan# 891
Delta R.T. 0.147 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

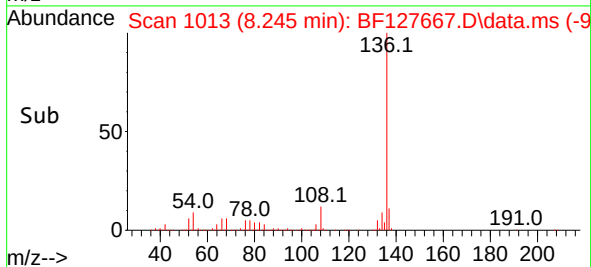
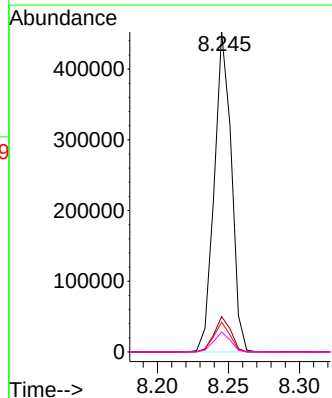
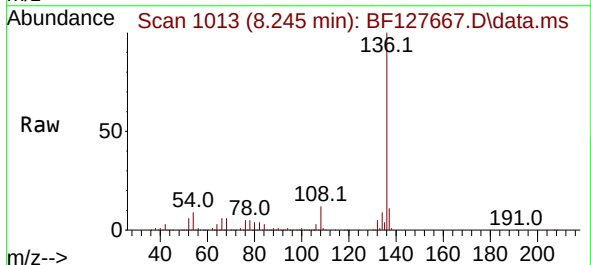
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

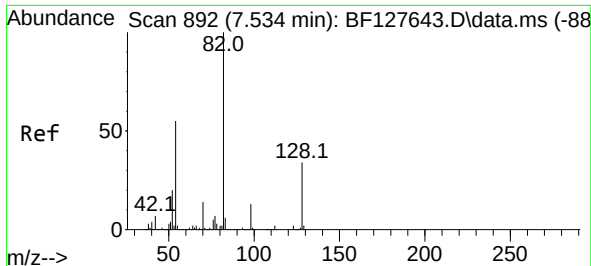
Tgt Ion: 70 Resp: 107958
Ion Ratio Lower Upper
70 100
42 52.5 53.0 79.6#
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion: 136 Resp: 380019
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 9.2 13.8
68 6.3 5.4 8.0

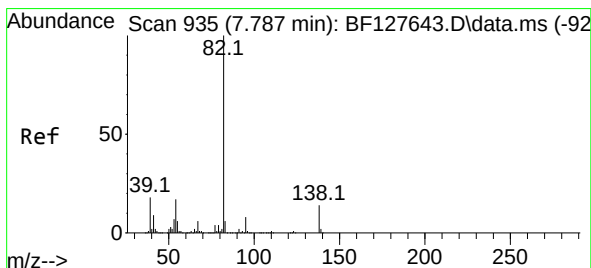
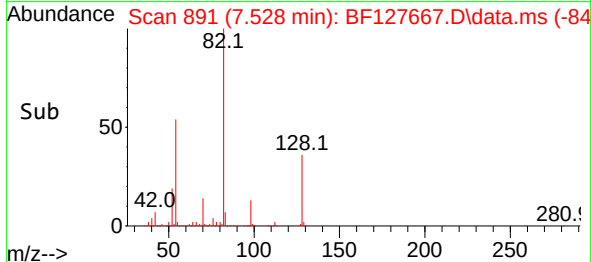
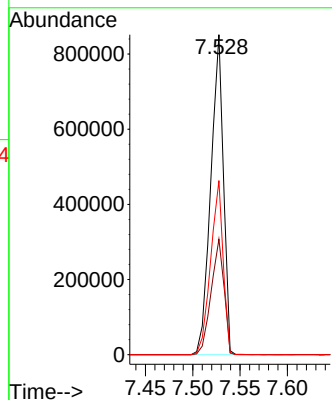
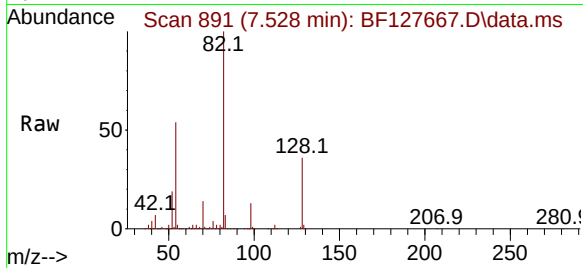




#23
Nitrobenzene-d5
Concen: 92.474 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

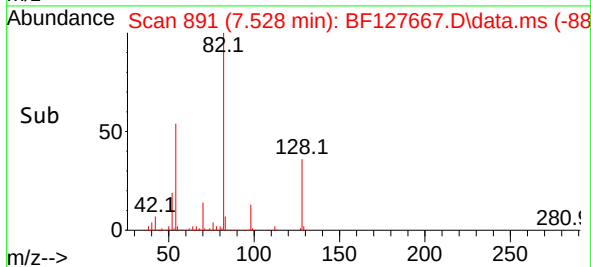
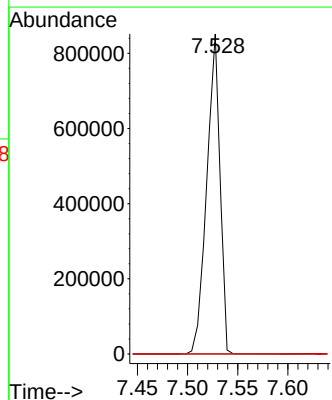
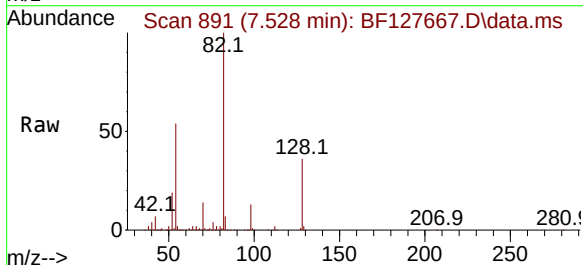
Instrument :
BNA_F
ClientSampleId :
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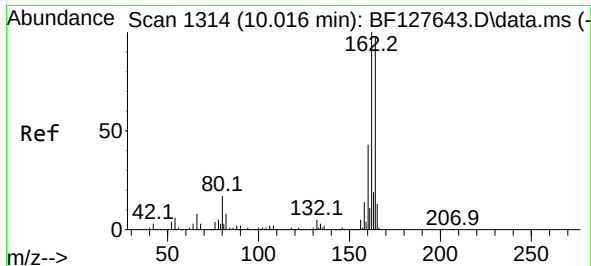
Tgt Ion: 82 Resp: 788263
Ion Ratio Lower Upper
82 100
128 36.1 30.6 45.8
54 54.4 48.2 72.2



#25
Isophorone
Concen: 52.995 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.259 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion: 82 Resp: 788248
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

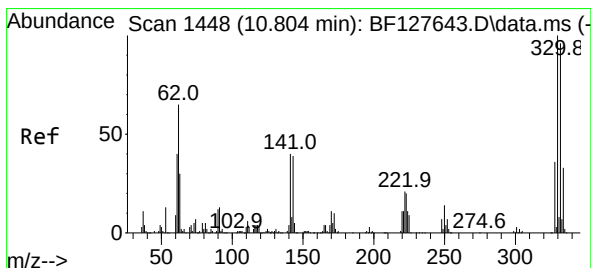
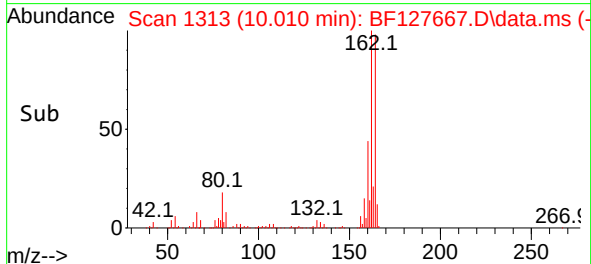
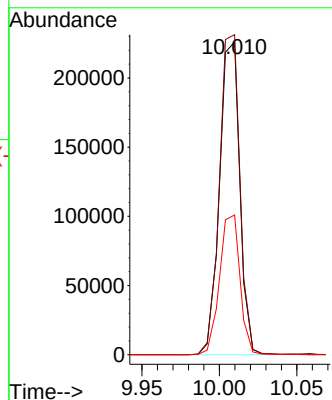
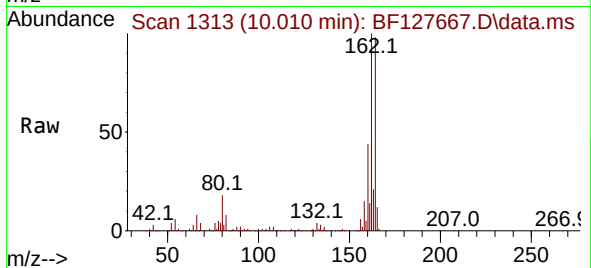




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

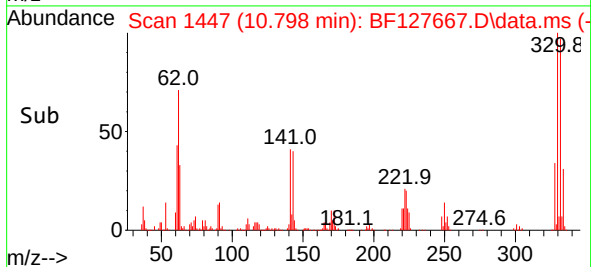
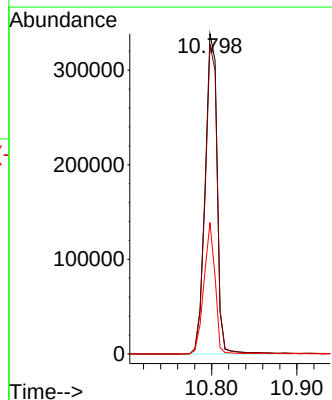
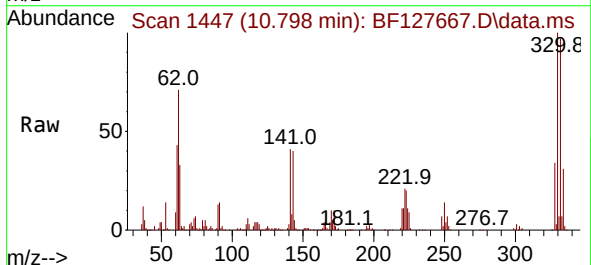
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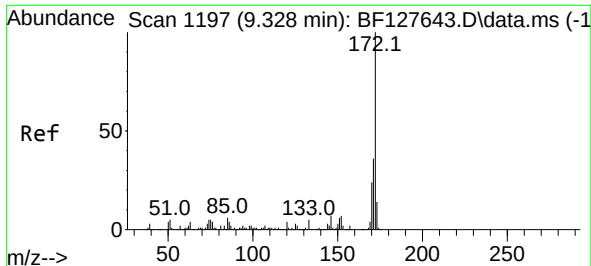
Tgt Ion:164 Resp: 205569
Ion Ratio Lower Upper
164 100
162 102.4 81.2 121.8
160 44.7 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 151.887 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion:330 Resp: 332263
Ion Ratio Lower Upper
330 100
332 96.7 79.1 118.7
141 37.8 26.2 39.4

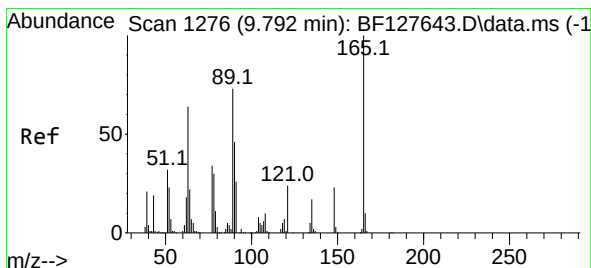
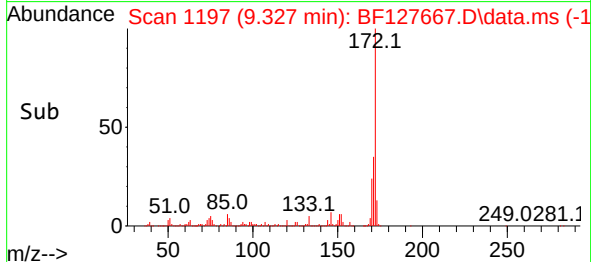
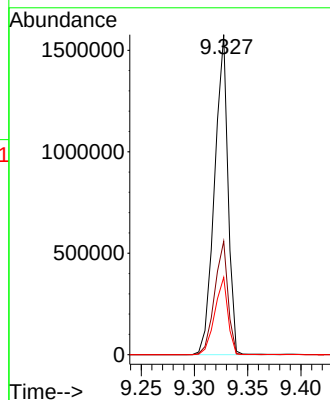
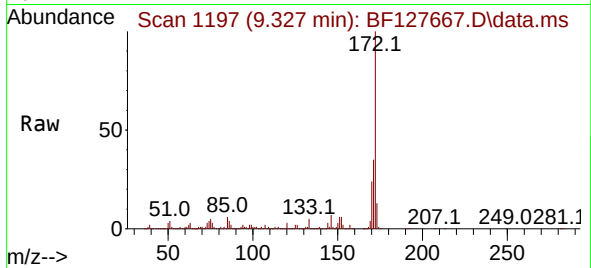




#45
2-Fluorobiphenyl
Concen: 95.462 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

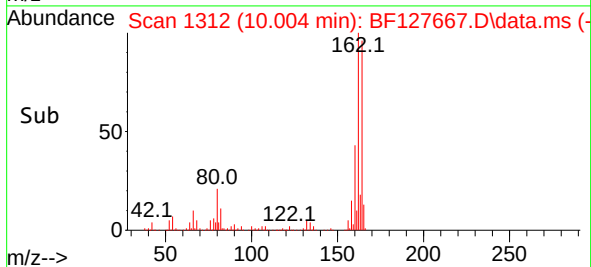
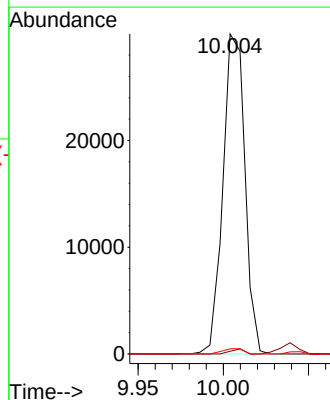
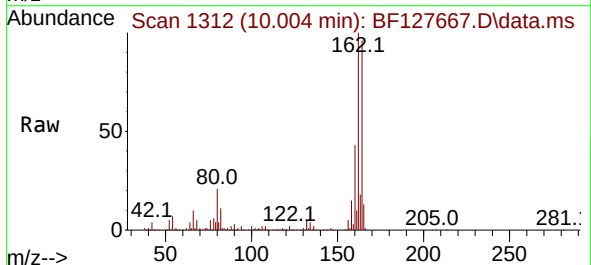
Instrument :
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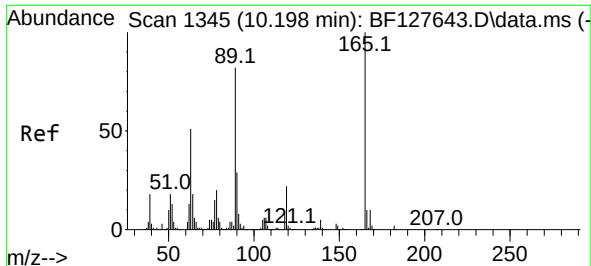
Tgt Ion:172 Resp: 1387187
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.571 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion:165 Resp: 26882
Ion Ratio Lower Upper
165 100
63 0.9 58.3 87.5#
89 1.6 51.5 77.3#

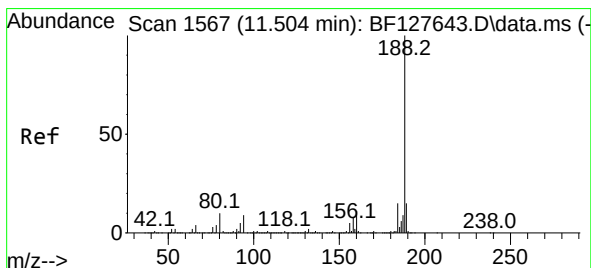
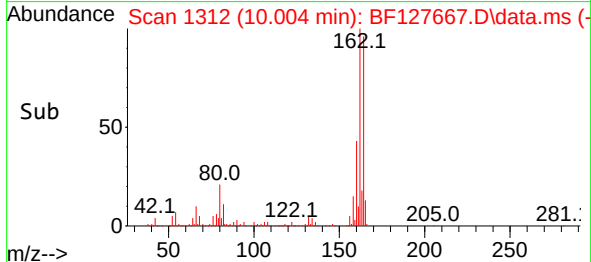
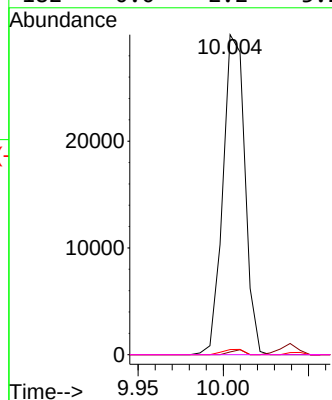
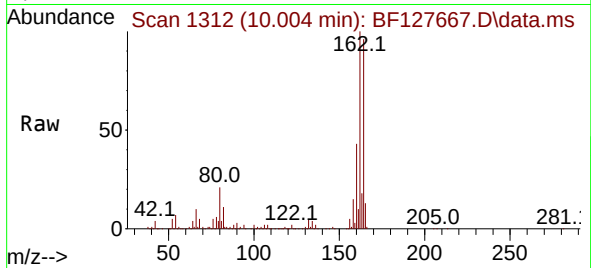




#57
2,4-Dinitrotoluene
Concen: 7.720 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

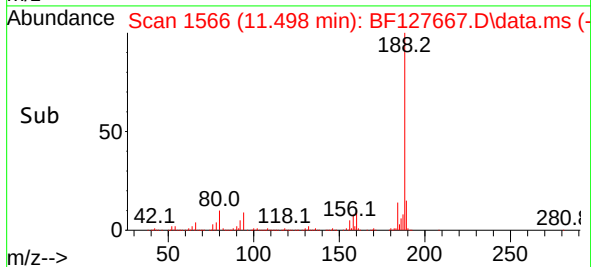
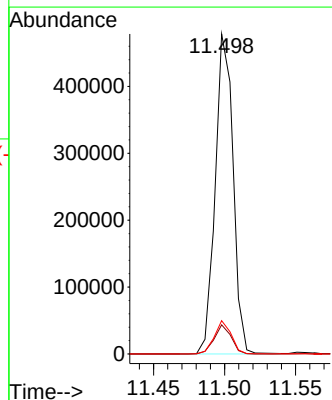
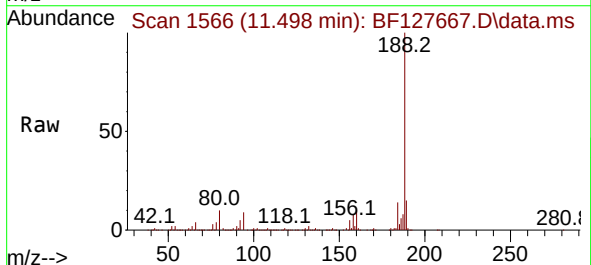
Instrument :
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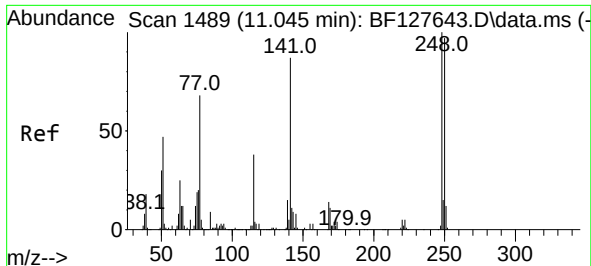
Tgt Ion:165 Resp: 26882
Ion Ratio Lower Upper
165 100
63 0.9 53.1 79.7#
89 1.6 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion:188 Resp: 418211
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.4 8.0 12.0

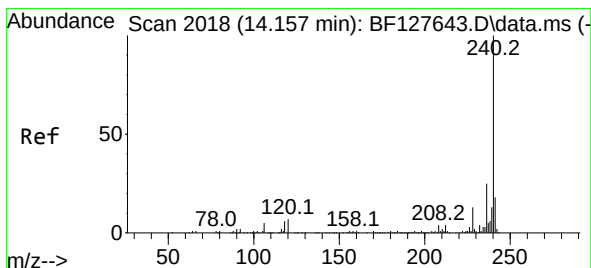
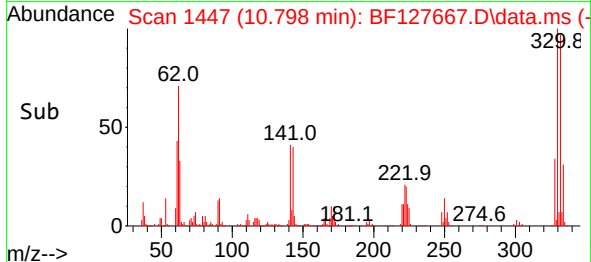
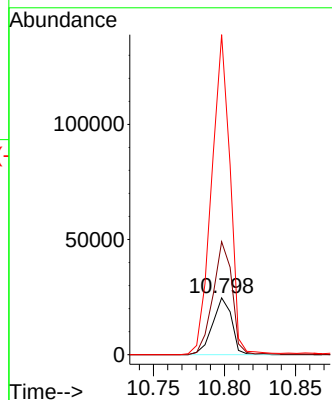
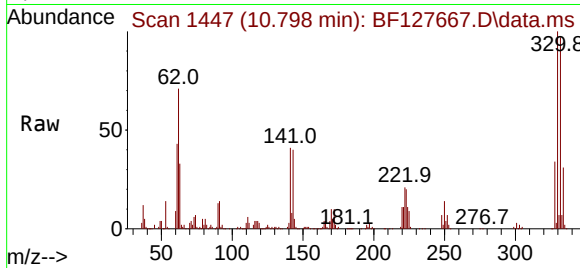




#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

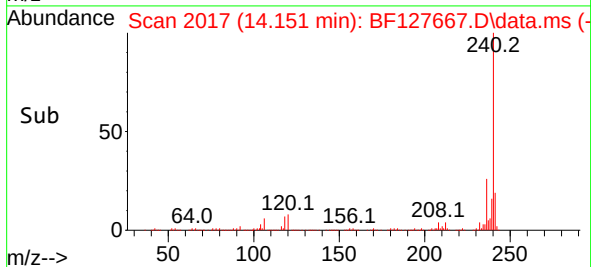
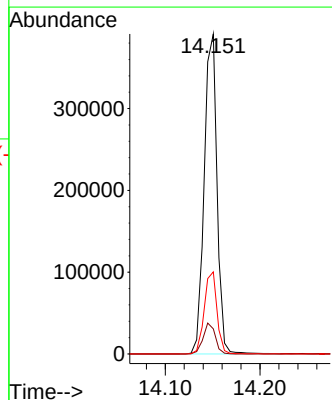
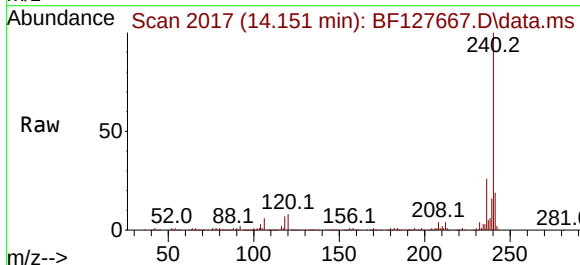
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

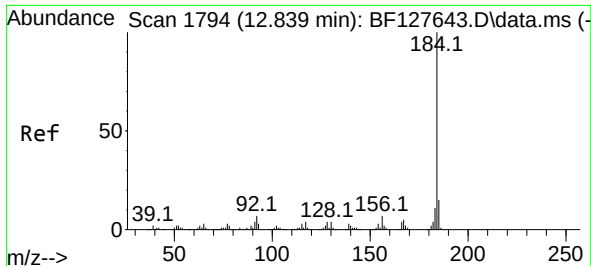
Tgt Ion:248 Resp: 23137
Ion Ratio Lower Upper
248 100
250 199.0 76.6 115.0#
141 564.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion:240 Resp: 367215
Ion Ratio Lower Upper
240 100
120 7.9 7.1 10.7
236 25.7 20.7 31.1

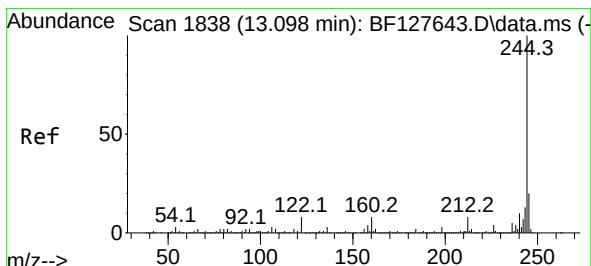
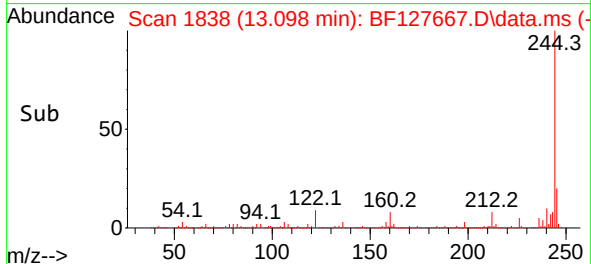
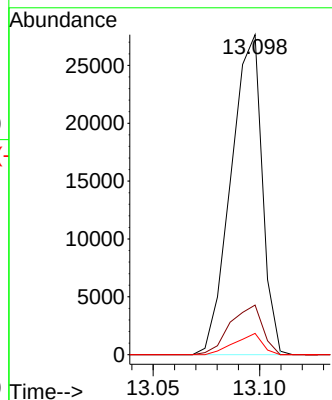
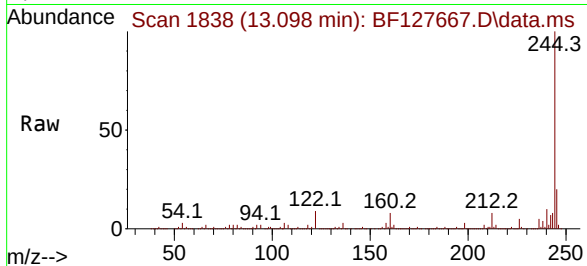




#77
Benzidine
Concen: 2.944 ng
RT: 13.098 min Scan# 1838
Delta R.T. 0.259 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

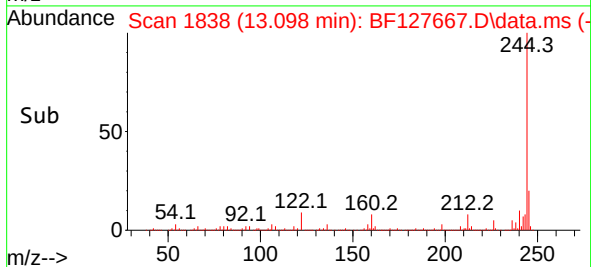
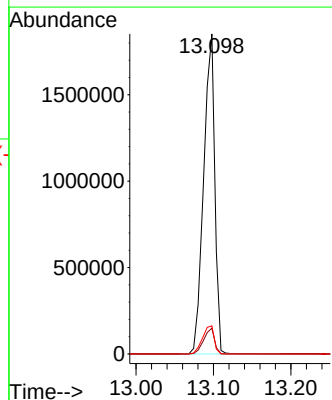
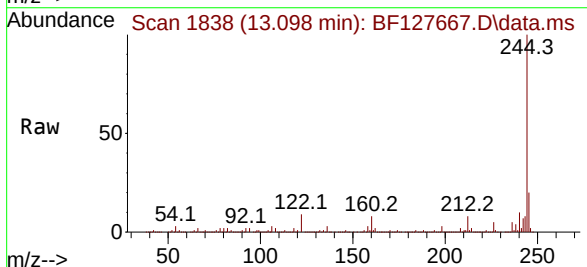
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

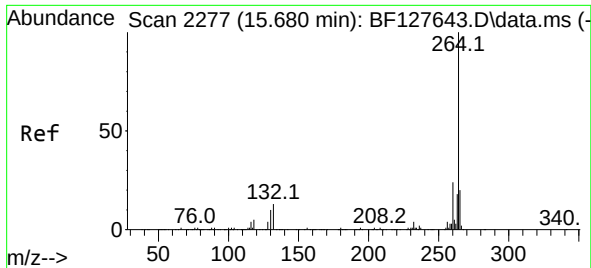
Tgt Ion:184 Resp: 28218
Ion Ratio Lower Upper
184 100
185 15.5 12.2 18.2
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 83.310 ng
RT: 13.098 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF127667.D
Acq: 07 Apr 2022 00:28

Tgt Ion:244 Resp: 1853427
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 8.8 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127667.D
 Acq: 07 Apr 2022 00:28

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-SOUTH

Tgt Ion:264 Resp: 178482
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.1 28.7
 265 20.3 17.4 26.2

