

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
 Data File : BF127671.D
 Acq On : 07 Apr 2022 02:24
 Operator : CG\JU
 Sample : N2267-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-SOUTH

Quant Time: Apr 07 03:16:22 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)

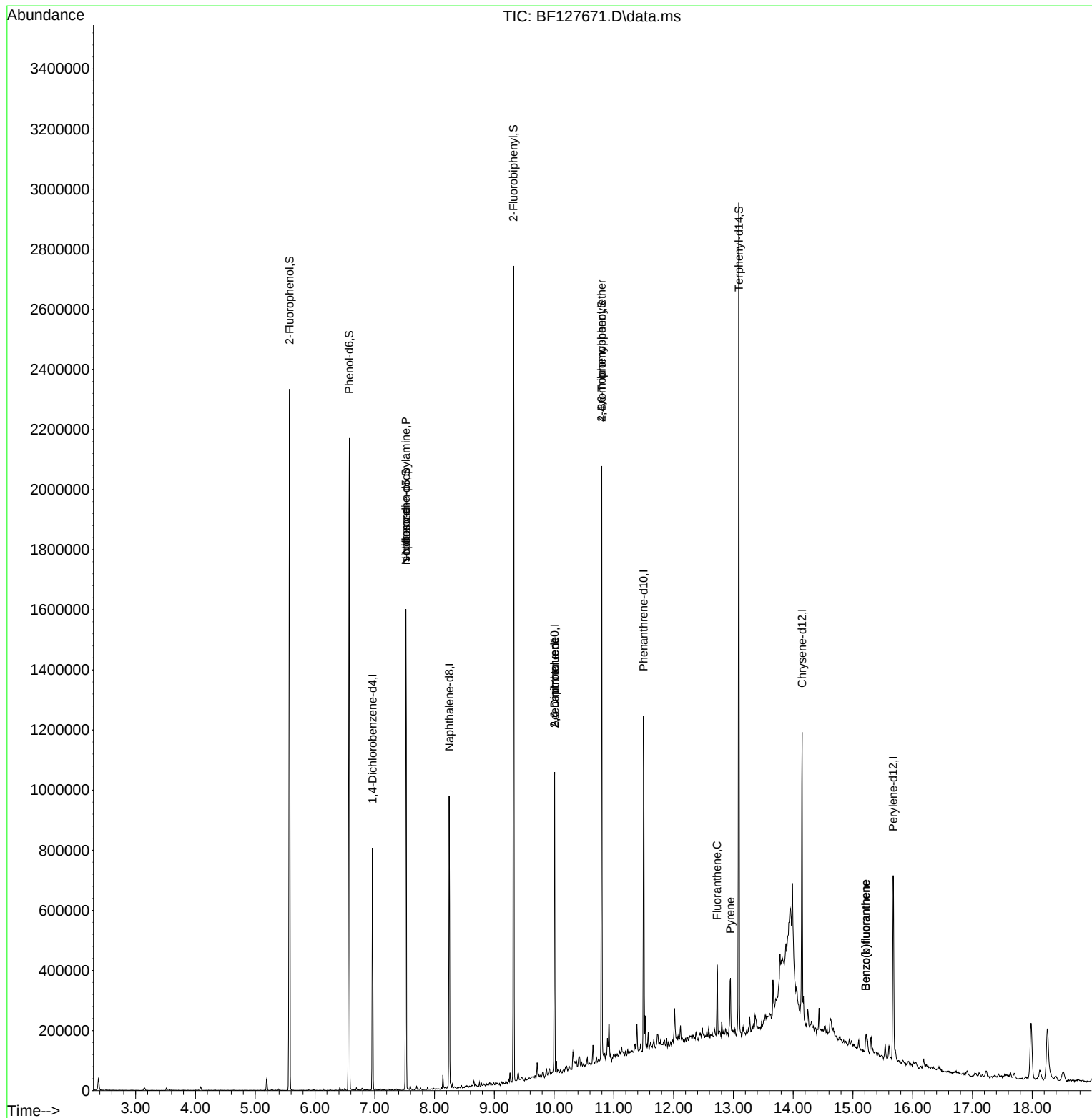
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	98036	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	363224	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	207131	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	384805	20.000	ng	0.00
76) Chrysene-d12	14.151	240	315059	20.000	ng	0.00
86) Perylene-d12	15.674	264	294629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	556162	92.181	ng	0.00
7) Phenol-d6	6.575	99	706600	89.524	ng	0.00
23) Nitrobenzene-d5	7.522	82	488463	59.953	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	200736	91.070	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	802427	54.804	ng	0.00
79) Terphenyl-d14	13.092	244	883589	46.291	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	164	Below Cal	#	78
19) n-Nitroso-di-n-propyla...	7.522	70	67110	13.146	ng	# 78
25) Isophorone	7.522	82	488456	34.358	ng	# 70
51) 2,6-Dinitrotoluene	10.010	165	27874	9.849	ng	# 17
57) 2,4-Dinitrotoluene	10.010	165	27874	7.944	ng	# 14
67) 4-Bromophenyl-phenylether	10.798	248	13486	2.888	ng	# 1
75) Fluoranthene	12.727	202	90511	4.068	ng	96
78) Pyrene	12.951	202	80778	3.036	ng	98
88) Benzo(b)fluoranthene	15.215	252	46684	2.463	ng	# 94
89) Benzo(k)fluoranthene	15.215	252	46684	2.483	ng	# 95

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

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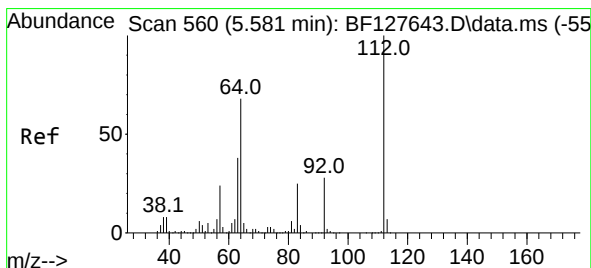
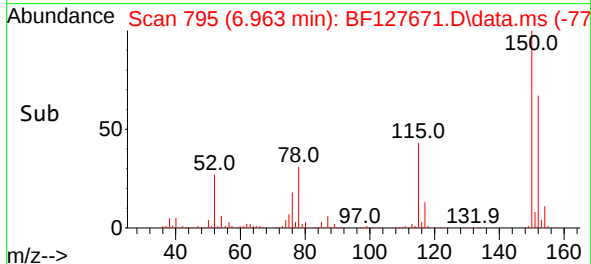
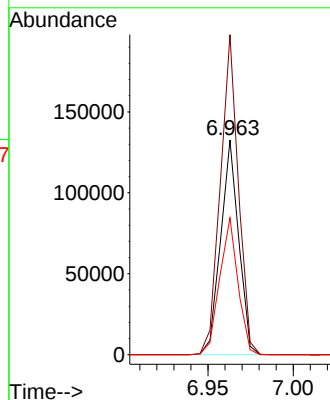
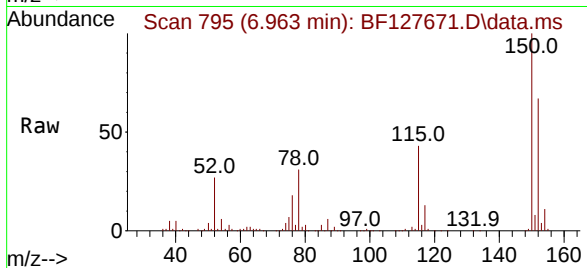




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

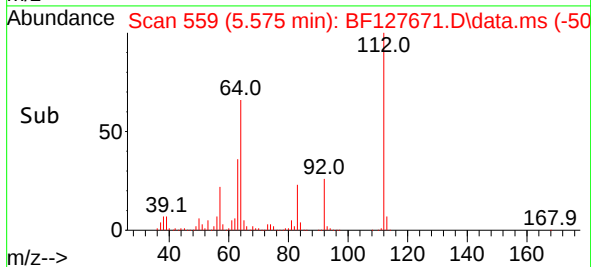
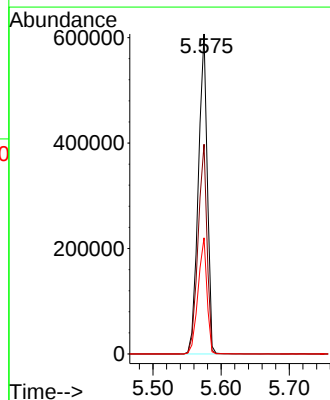
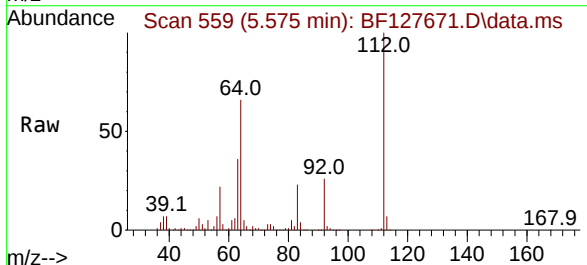
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

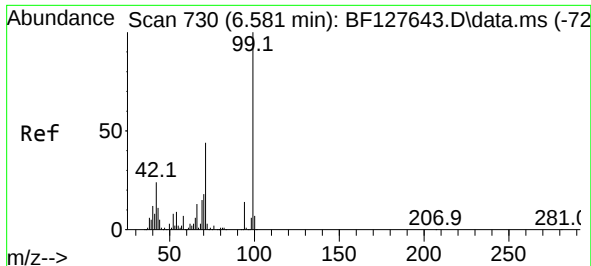
Tgt Ion:152 Resp: 98036
Ion Ratio Lower Upper
152 100
150 149.1 117.2 175.8
115 63.7 49.8 74.6



#5
2-Fluorophenol
Concen: 92.181 ng
RT: 5.575 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:112 Resp: 556162
Ion Ratio Lower Upper
112 100
64 65.6 58.4 87.6
63 36.3 30.1 45.1

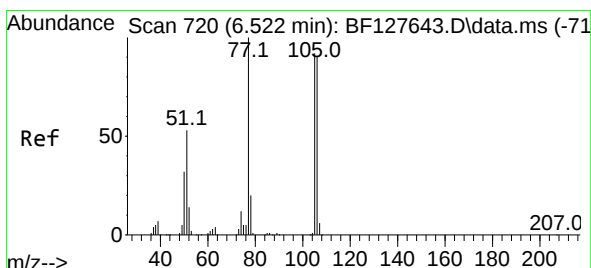
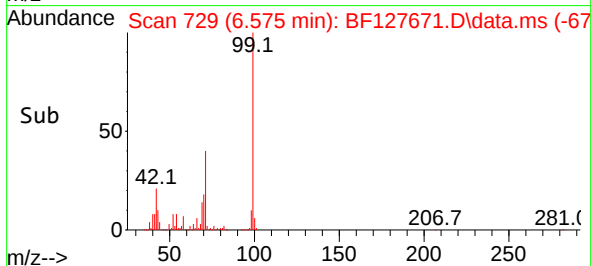
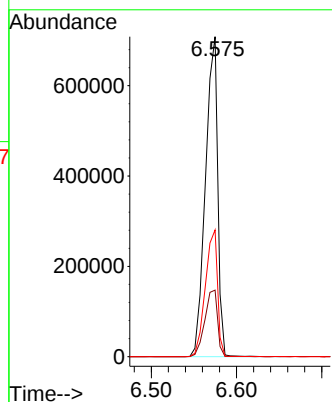
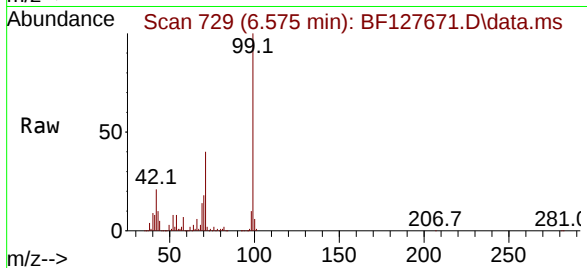




#7
Phenol-d6
Concen: 89.524 ng
RT: 6.575 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

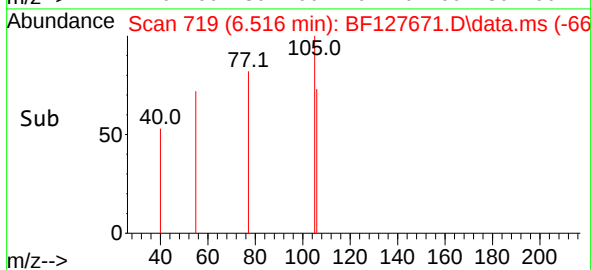
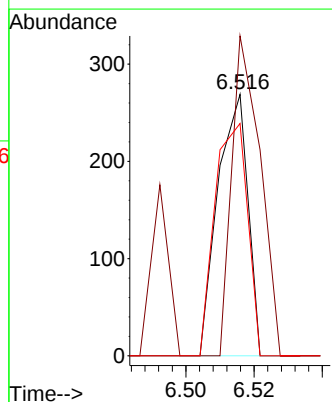
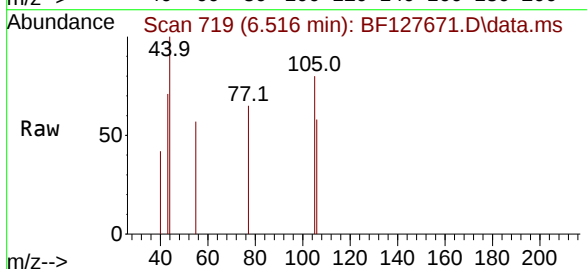
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

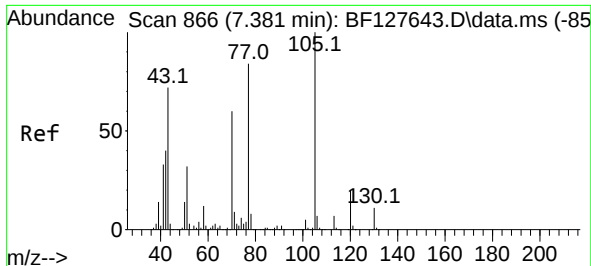
Tgt Ion: 99 Resp: 706600
Ion Ratio Lower Upper
99 100
42 20.8 17.8 26.6
71 39.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion: 77 Resp: 164
Ion Ratio Lower Upper
77 100
105 122.3 66.8 106.8#
106 88.8 64.3 104.3





#19

n-Nitroso-di-n-propylamine

Concen: 13.146 ng

RT: 7.522 min Scan# 890

Delta R.T. 0.141 min

Lab File: BF127671.D

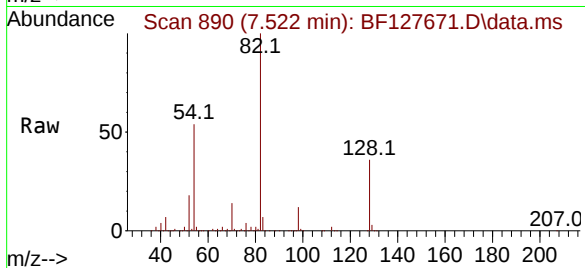
Acq: 07 Apr 2022 02:24

Instrument :

BNA_F

ClientSampleId :

LINDEN-SOUTH



Tgt Ion: 70 Resp: 67110

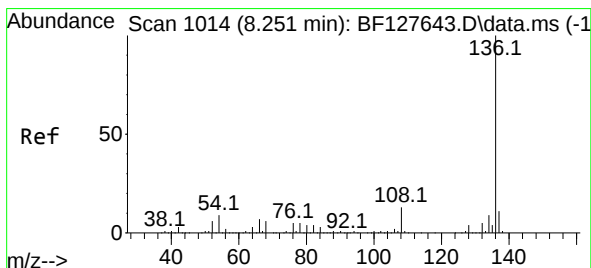
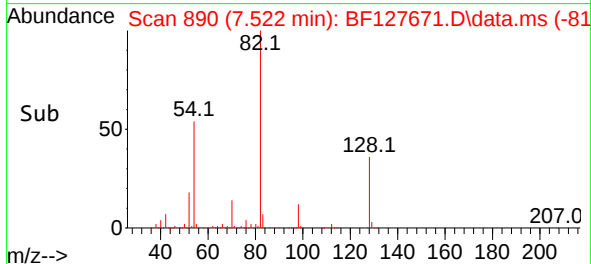
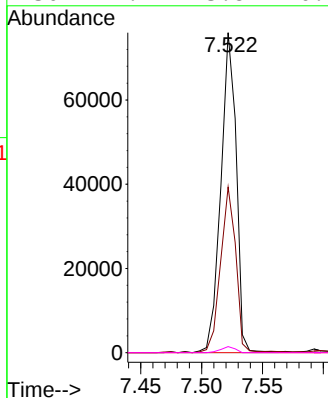
Ion Ratio Lower Upper

70 100

42 51.8 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 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: BF127671.D

Acq: 07 Apr 2022 02:24

Tgt Ion: 136 Resp: 363224

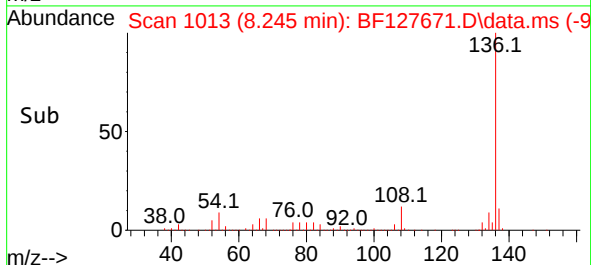
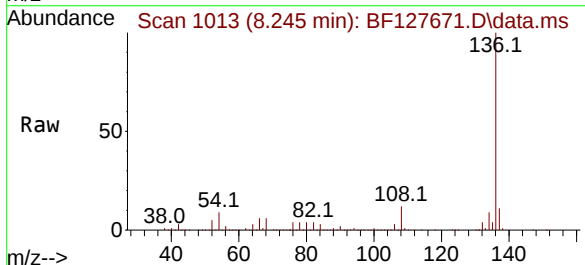
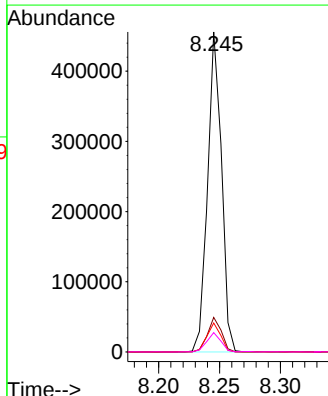
Ion Ratio Lower Upper

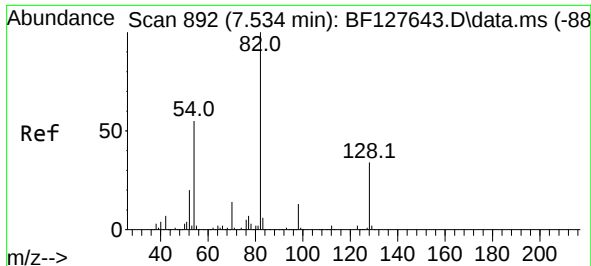
136 100

137 10.8 8.6 13.0

54 9.0 9.2 13.8#

68 6.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 59.953 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.012 min

Lab File: BF127671.D

Acq: 07 Apr 2022 02:24

Instrument :

BNA_F

ClientSampleId :

LINDEN-SOUTH

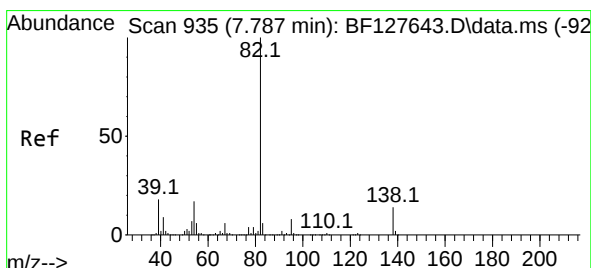
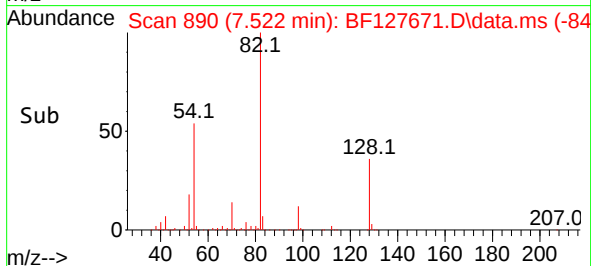
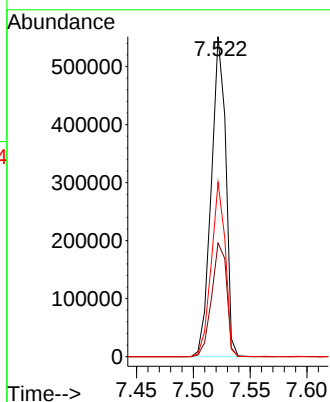
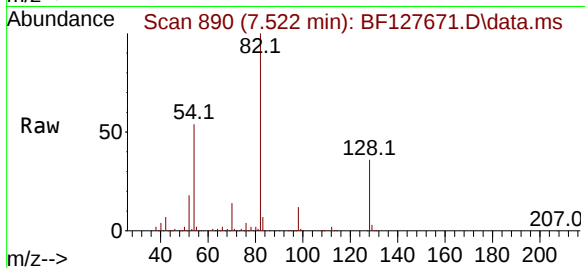
Tgt Ion: 82 Resp: 488463

Ion Ratio Lower Upper

82 100

128 35.5 30.6 45.8

54 54.5 48.2 72.2



#25

Isophorone

Concen: 34.358 ng

RT: 7.522 min Scan# 890

Delta R.T. -0.265 min

Lab File: BF127671.D

Acq: 07 Apr 2022 02:24

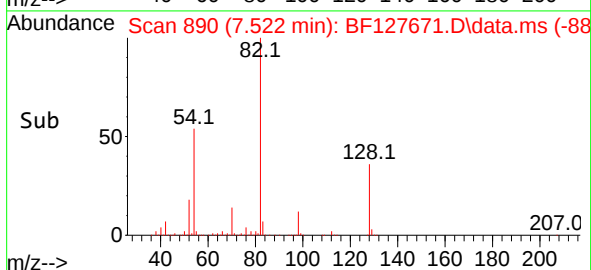
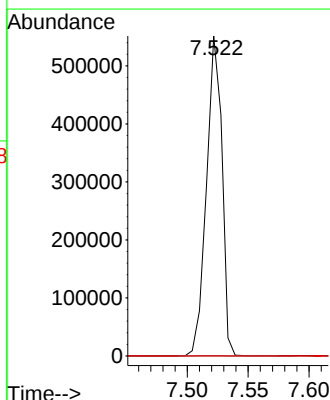
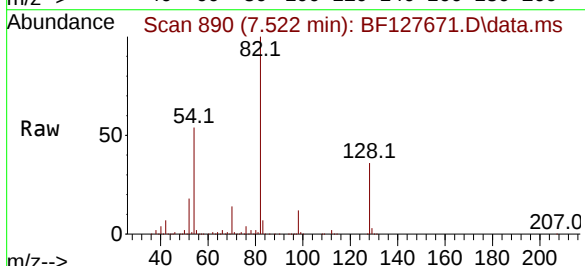
Tgt Ion: 82 Resp: 488456

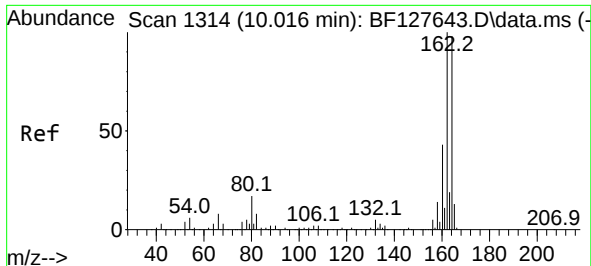
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

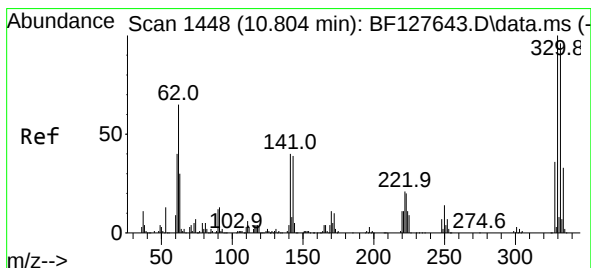
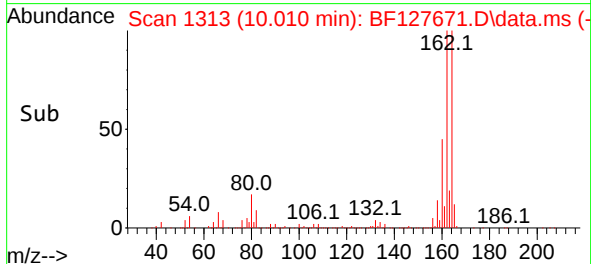
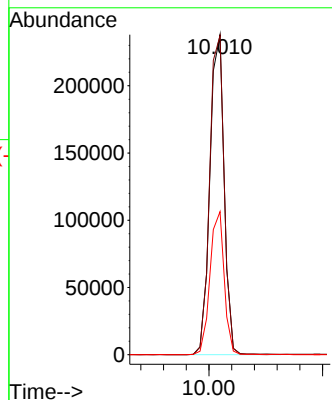
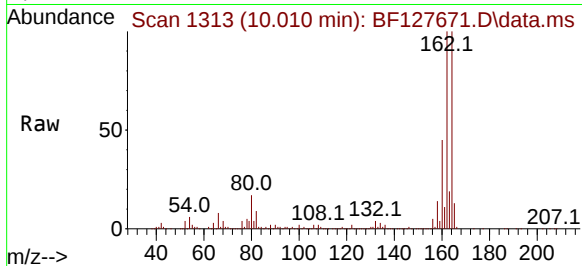




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.010 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF127671.D
 Acq: 07 Apr 2022 02:24

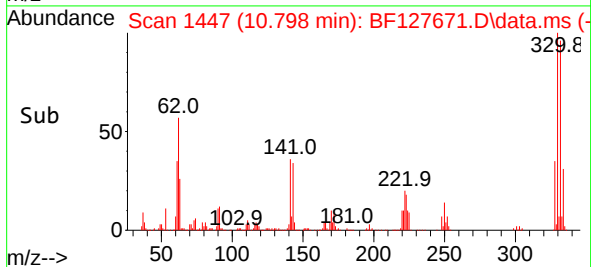
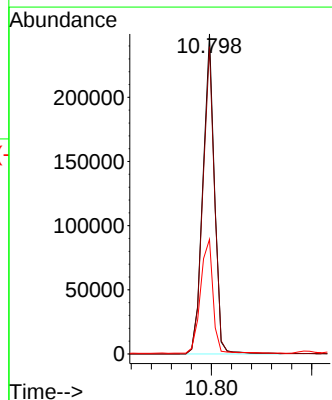
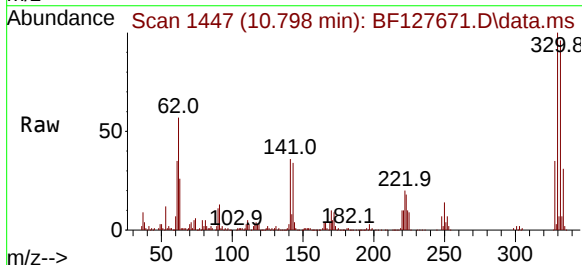
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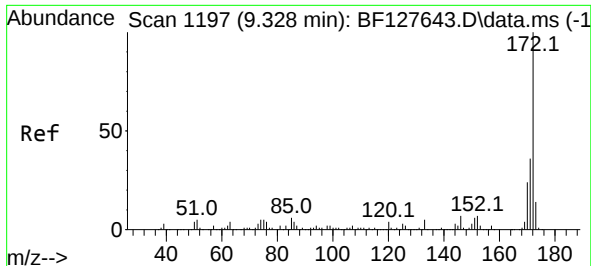
Tgt Ion:164 Resp: 207131
 Ion Ratio Lower Upper
 164 100
 162 99.7 81.2 121.8
 160 44.7 34.6 52.0



#42
 2,4,6-Tribromophenol
 Concen: 91.070 ng
 RT: 10.798 min Scan# 1447
 Delta R.T. -0.006 min
 Lab File: BF127671.D
 Acq: 07 Apr 2022 02:24

Tgt Ion:330 Resp: 200736
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.1 118.7
 141 38.3 26.2 39.4

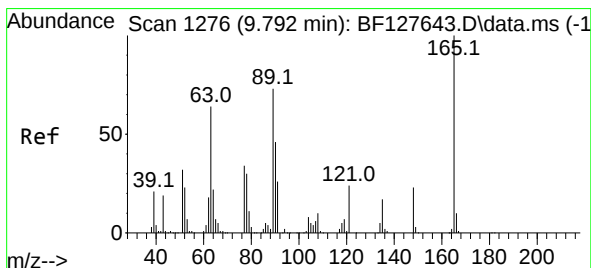
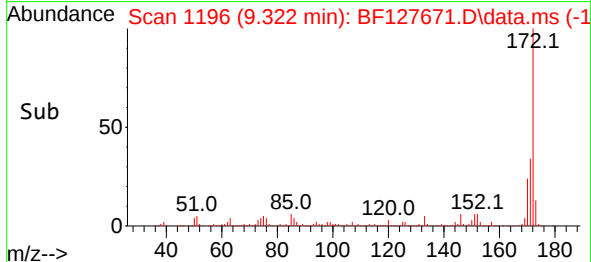
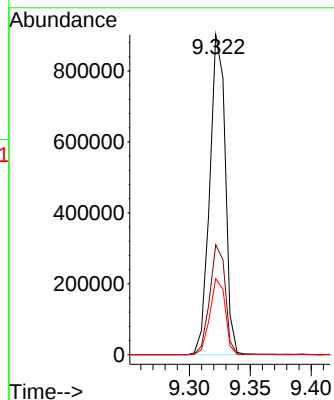
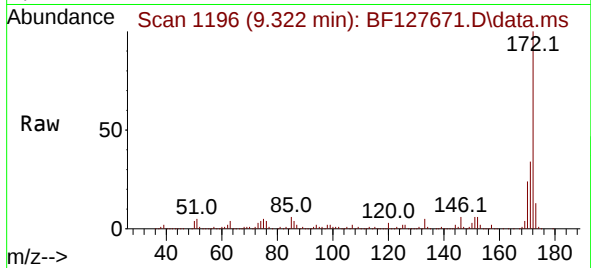




#45
2-Fluorobiphenyl
Concen: 54.804 ng
RT: 9.322 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

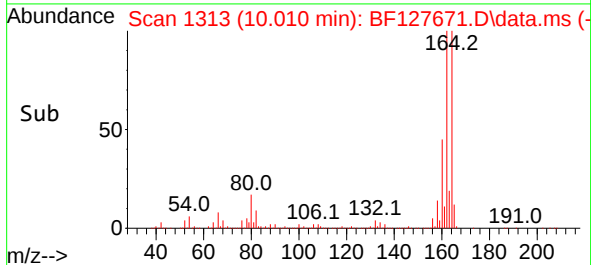
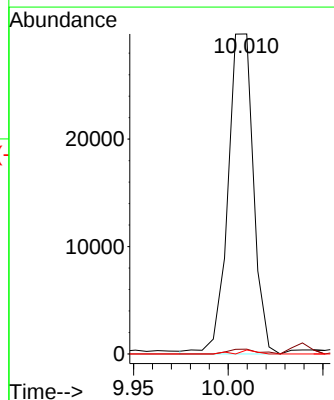
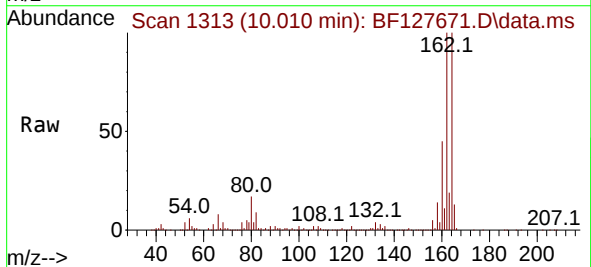
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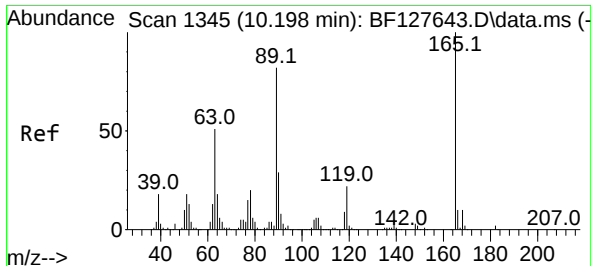
Tgt Ion:172 Resp: 802427
Ion Ratio Lower Upper
172 100
171 34.3 28.4 42.6
170 23.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.849 ng
RT: 10.010 min Scan# 1313
Delta R.T. 0.217 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:165 Resp: 27874
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.3 51.5 77.3#

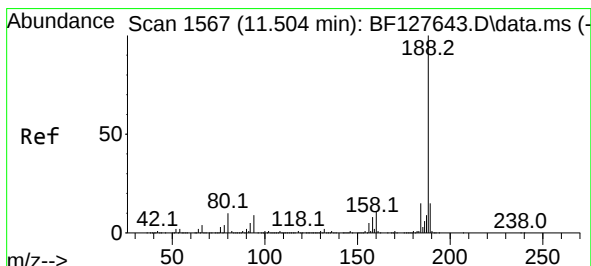
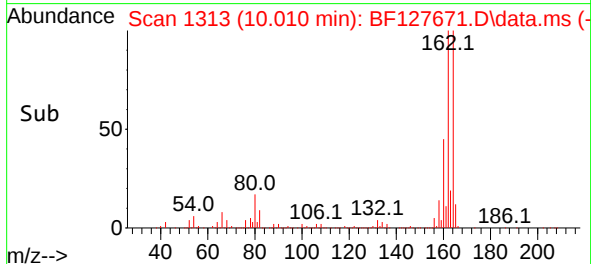
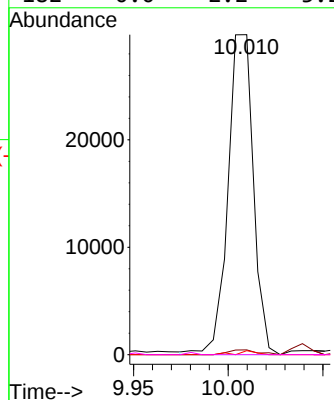
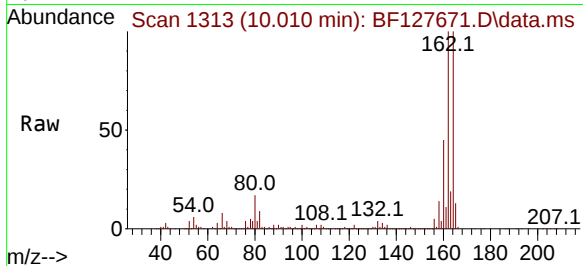




#57
2,4-Dinitrotoluene
Concen: 7.944 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

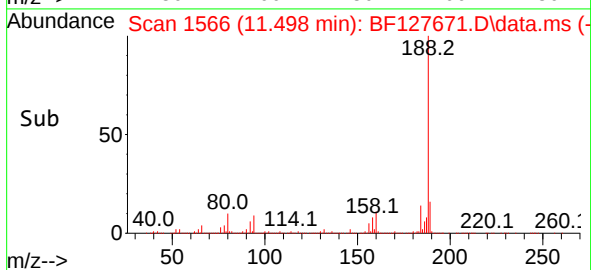
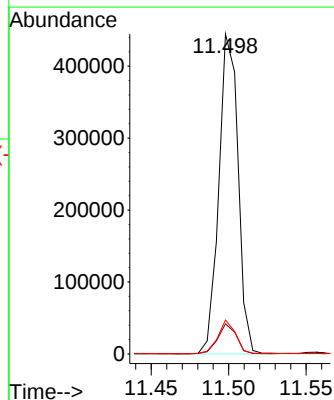
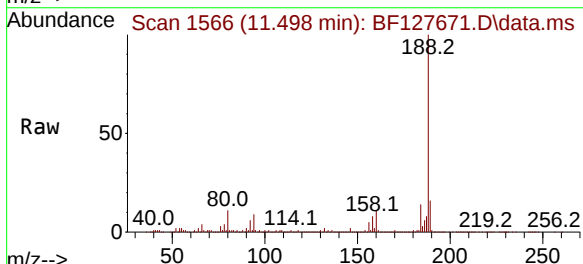
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

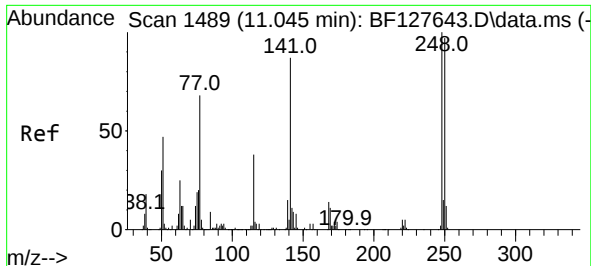
Tgt Ion:165 Resp: 27874
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:188 Resp: 384805
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.6 8.0 12.0

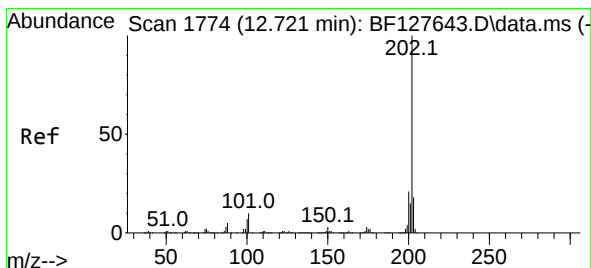
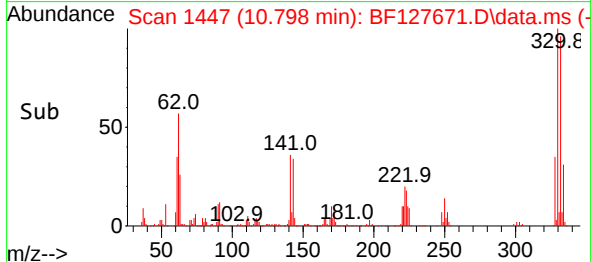
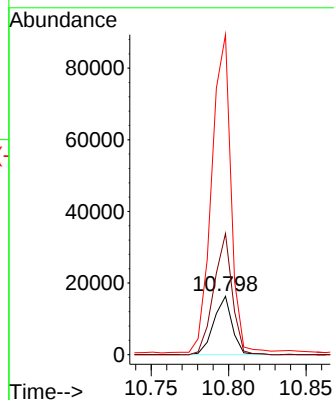
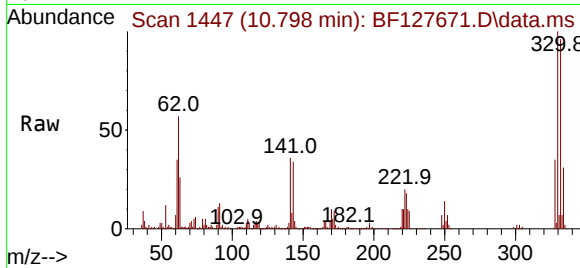




#67
4-Bromophenyl-phenylether
Concen: 2.888 ng
RT: 10.798 min Scan# 1489
Delta R.T. -0.247 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

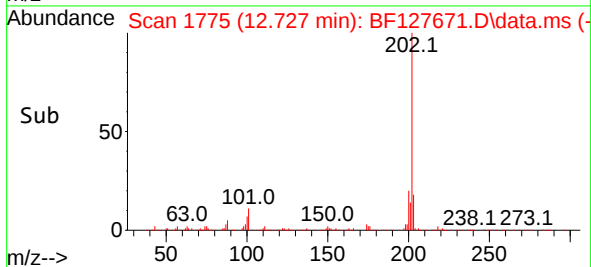
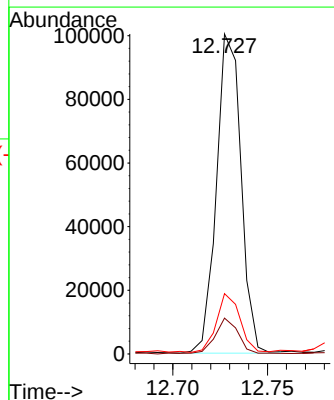
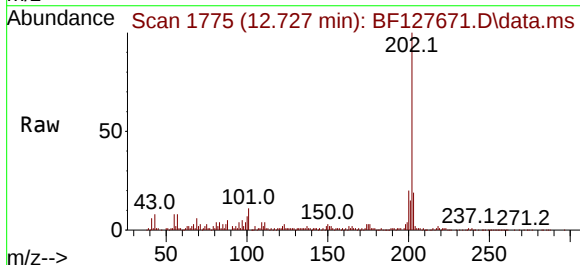
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

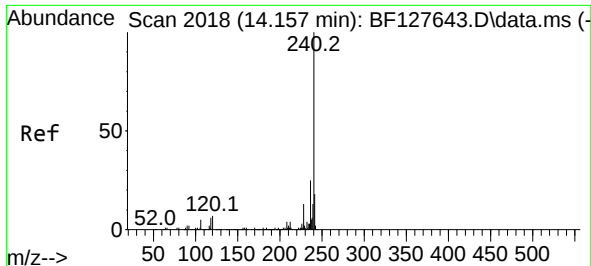
Tgt Ion:248 Resp: 13486
Ion Ratio Lower Upper
248 100
250 207.4 76.6 115.0#
141 547.5 52.2 78.2#



#75
Fluoranthene
Concen: 4.068 ng
RT: 12.727 min Scan# 1775
Delta R.T. 0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:202 Resp: 90511
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.0
203 18.8 0.0 37.7

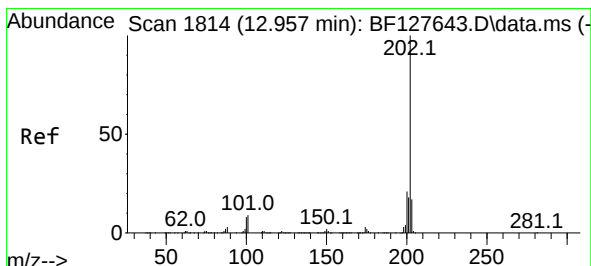
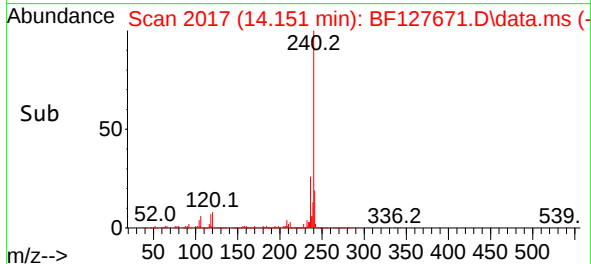
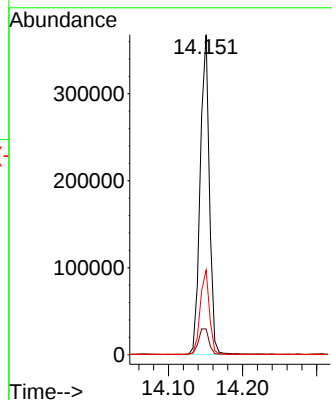
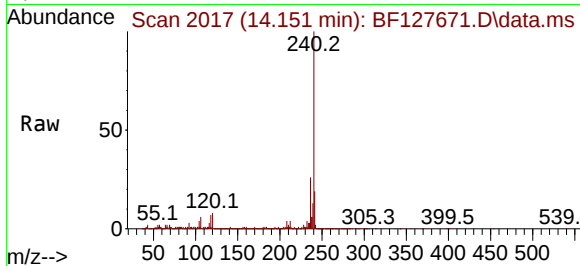




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

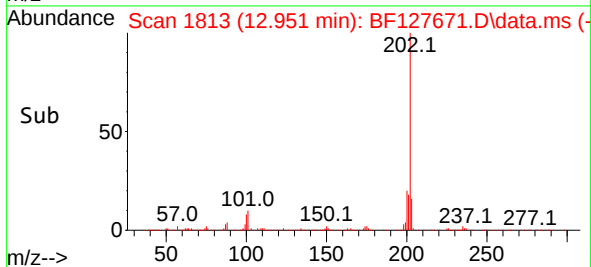
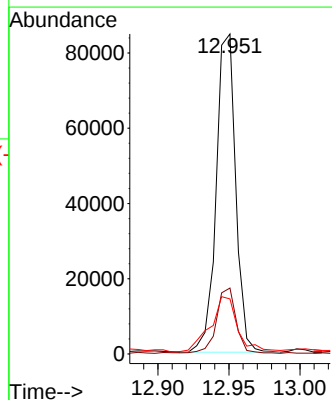
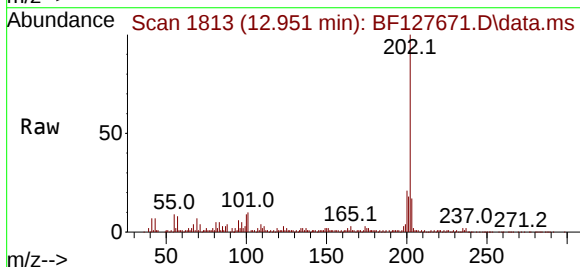
Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

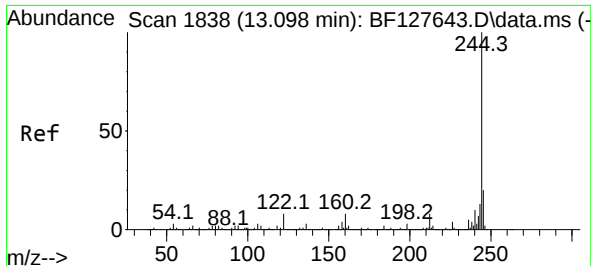
Tgt Ion:240 Resp: 315059
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 26.5 20.7 31.1



#78
Pyrene
Concen: 3.036 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

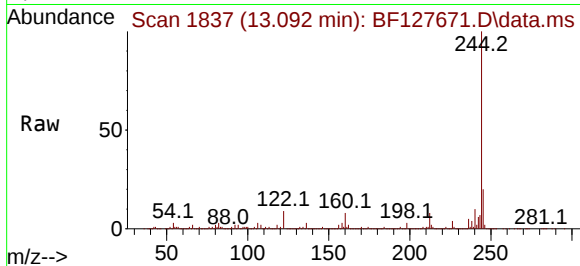
Tgt Ion:202 Resp: 80778
Ion Ratio Lower Upper
202 100
200 20.6 17.1 25.7
203 17.2 14.3 21.5



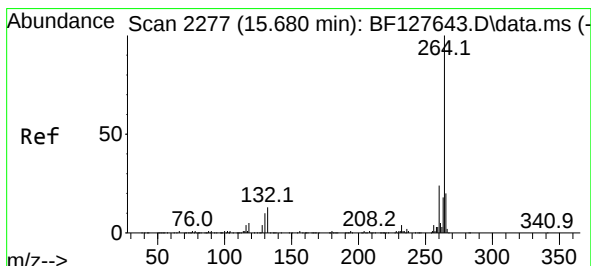
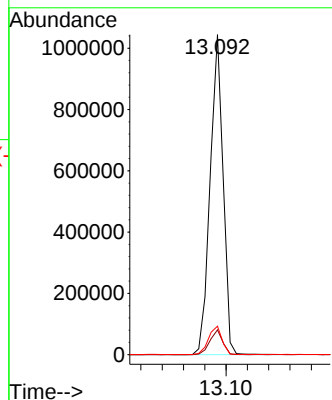
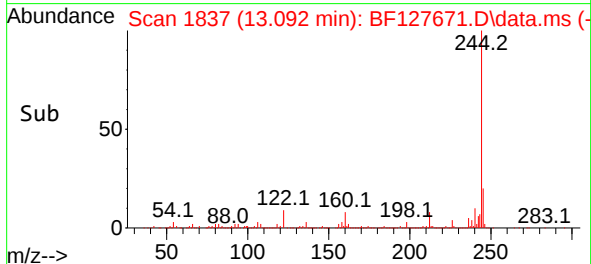


#79
 Terphenyl-d14
 Concen: 46.291 ng
 RT: 13.092 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF127671.D
 Acq: 07 Apr 2022 02:24

Instrument :
 BNA_F
 ClientSampleId :
 LINDEN-SOUTH

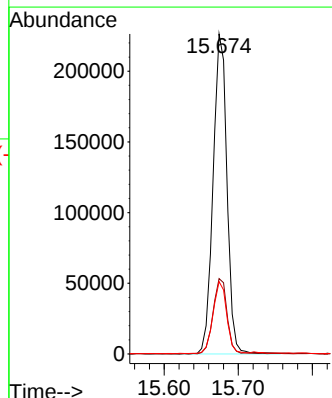
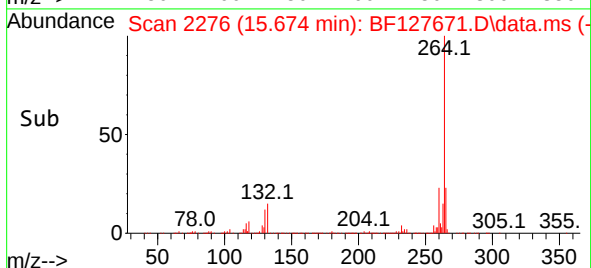
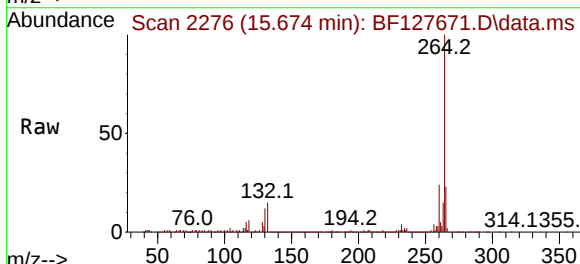


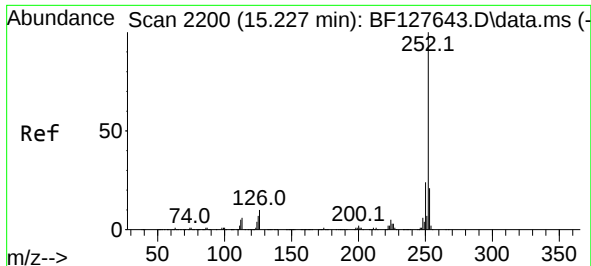
Tgt Ion:244 Resp: 883589
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 8.9 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.674 min Scan# 2276
 Delta R.T. -0.006 min
 Lab File: BF127671.D
 Acq: 07 Apr 2022 02:24

Tgt Ion:264 Resp: 294629
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.6 17.4 26.2

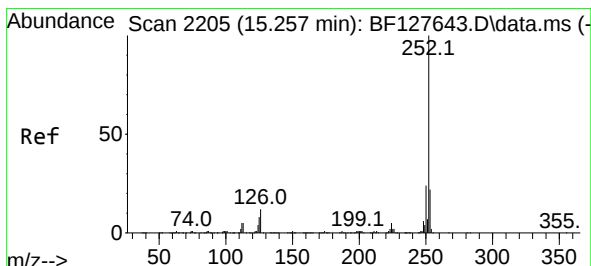
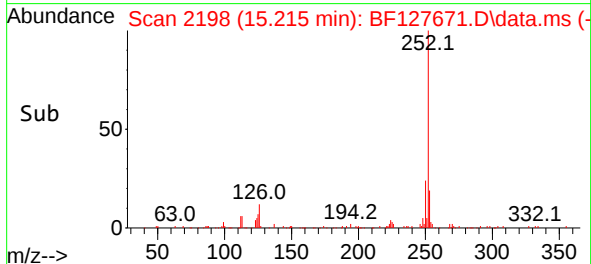
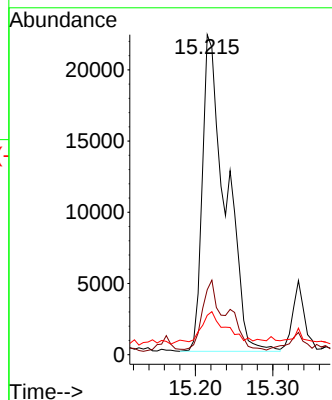
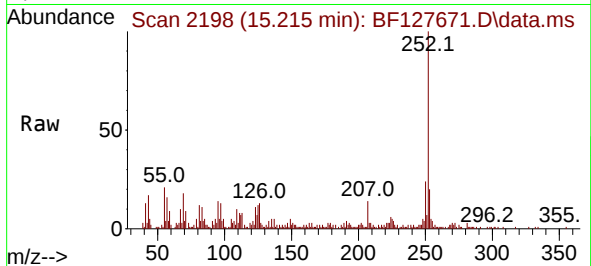




#88
Benzo(b)fluoranthene
Concen: 2.463 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

Tgt Ion:252 Resp: 46684
Ion Ratio Lower Upper
252 100
253 20.3 17.9 26.9
125 12.3 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 2.483 ng
RT: 15.215 min Scan# 2198
Delta R.T. -0.041 min
Lab File: BF127671.D
Acq: 07 Apr 2022 02:24

Tgt Ion:252 Resp: 46684
Ion Ratio Lower Upper
252 100
253 20.3 17.3 25.9
125 12.3 6.9 10.3#

